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92-F-9W

MICKLE-SAMUELSON OPTION

TEXADA ISLAND, B.C.

P.N. 158

Vancouver, B.C.  
April, 1971

R. Wares

MICKLE-SAMUELSON OPTION

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## INTRODUCTION

The M-S Option comprises a group of claims that straddle the contact of a composite granodiorite pluton with a sequence of basic and fragmental volcanics.

A strong shear zone transects the contact of the pluton and is paralleled by a wide zone of strongly developed fracture cleavage.

The fractures are commonly coated with pyrite with less amounts of chalcopyrite and molybdenite. The fracture system appears to form a fan shaped zone within which the chalcopyrite and molybdenite are located in the apex of this fracture dome and the pyrite largely in the margins. This mineral zonation is independent of lithology.

Soil geochemical work and I.P. bear out this conclusion. The I.P. anomalies are predominantly in the pyritic envelope. Drilling was initiated to cross section the structural and geochemical targets and revealed low grade copper mineralization in a narrow zone. This mineralization was neither extensive enough or of a high enough grade to warrant further work and the property was dropped.



FIG. 158-70-A-1  
LOCATION MAP  
M-S OPTION CLAIMS

1:1 LOCATION

The Mickle-Samuelson Option hereafter referred to as the M-S Option, is located on the east coast of Texada Island, B.C. (Fig. 158-70-A-1). It is located about 20 miles south east of Vananda.

1:2 ACCESS

Access to the property is by four-wheel-drive vehicle from Vananda or Blubber Bay. The latter can be reached from Powell River by ferry.

1:3 TOPOGRAPHY

The M-S Option is located on the east coast of Texada Island and ranges in relief from sea level to over 2,000 feet. The property is largely on a bench about 1,500 feet which has a steep slope to sea level.

The greater part of the work was done on the area about 1,500 feet above sea level.

1:4 PREVIOUS WORK

There is evidence that the property has been the object of intermittent prospecting efforts but that nothing of a serious nature in prospecting had been carried out prior to this investigation.

1:5 CLAIM STATUS

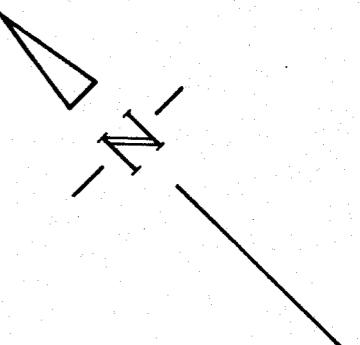
The group investigated comprises 66 claims, staked by R. Mickle and R. Samuelson between December 1969 and February 1970. The distribution of the claims is shown in Fig. 158-70-B-1.

Malaspina Strait									
Bob 39 30919	Bob 37 30917	Bob 35 30915	Tex 29 30669	Tex 30 <sup>W.P.</sup> 30670	Tex 9 30480	Tex 10 <sup>W.P.</sup> 30481	Bob 10 30491	Bob 9 <sup>W.P.</sup> 30490	
Bob 40 30940	Bob 38 30918	Bob 36 30916	Tex 27 30667	Tex 28 30668	Tex 7 30478	Tex 8 30479	Bob 8 30489	Bob 7 30488	Bob 20 30534
									Bob 19 <sup>W.P.</sup> 30533
									Bob 27 <sup>W.P.</sup> 30673
									Bob 28 30674
									Bob 31 <sup>W.P.</sup> 30677
									Bob 32 <sup>W.P.</sup> 30678
			Tex 25 30665	Tex 26 30666	Tex 5 30476	Tex 6 30477	Bob 5 30486	Bob 6 30487	Bob 18 30532
									Bob 17 30531
			Tex 23 30520	Tex 24 30521	Tex 3 30474	Tex 4 30475	Bob 3 30484	Bob 4 30485	Bob 25 30671
									Bob 26 30672
			Bob 12 30493	Bob 11 30492	Tex 1 30472	Tex 2 30473	Bob 1 30482	Bob 2 30483	Bob 29 30675
									Bob 30 30676
			Tex 19 30516	Tex 20 30517	Tex 11 30508	Tex 12 30509	Tex 17 30514	Tex 18 30515	
			Tex 21 30518	Tex 22 30519	Tex 13 30510	Tex 14 30511	Tex 15 30512	Tex 16 30513	
			Tex 33 31432	Tex 34 31433	Tex 31 31430	Tex 32 31431			

Claim Distribution, P.N.158, Texada Island

MAP REF. NO.: 158-70-B-1

N.T.S.: 92-F-9



□ W.P. Witness Post

FALCONBRIDGE NICKEL MINES LTD.

PROPERTY: M-S OPTION

LOCATION: TEXADA ISLAND

TYPE OF MAP: CLAIM

BASED ON: CLAIM MAPS

DATE OF WORK: Dec. 1969, Jan. 1970

DATE: Dec. 1970

DRAWN BY: G.T.

0 1000' 2000' 4000'

SCALE: 1 INCH TO

## 2:1 REGIONAL GEOLOGY

The M-S Option is located in and adjacent to a granodiorite intrusion intruded into a suite of basic volcanics.

The geology of Texada Island (Fig. 158-70-G-1) comprises essentially a folded sequence of basic volcanics (termed the Karmutsen volcanics). Texada Island can be likened to a keel of a ship and comprises a gently folded syncline, plunging to the north. The extreme southern portion of the island comprises a late Paleozoic carbonate sequence, unconformably overlain by a thick sequence of basic volcanics (at least 20,000 feet thick).

This sequence of the Karmutsen volcanics is similar in many aspects to that of Vancouver Island. It is predominantly basic in character and consists of intercalated pillowed and massive basaltic flows with intercalated agglomeratic sequences. Interflow sediments are not common though some calcareous units are present in the sequence.

Conformably overlying the basaltic rocks is a thick sequence of calcareous rocks termed the Quatsino formation. These units are exposed at the northern portion of the island and generally comprise limestones and silty limestones.

The basic sequence is cut by a number of granitic intrusions exposed throughout the stratigraphic section. The thick Quatsino formation, however, appears to have acted as a major control in the ascent of the intrusions and few of the intrusions do in fact cut the limestones.

The "throttling" effect of the limestone is a major control of mineral deposition. Principal among these is the Texada magnetite-copper

skarn deposits which are located at and close to the limestone contact where sill complexes exist, caused by the change in PH conditions at the contact. Some copper-molybdenum mineralization is present in some of the stocks in that locality.

One of the granodiorite bodies that cut the Karmutsen volcanics has been dated at  $120 \times 10^6$  yrs. by the G.S.C. This age date is from an intrusion about eight miles north of the M-S Option.

Analysis of topographic linears in Texada Island and the mainland to the east, suggest that there is a strongly developed fracture system trending about  $070^\circ$  that transects the southern part of Texada Island, and which appears on the mainland. It is apparent that Jervis Inlet is a portion of this structural pattern. The M-S Option is located in this structural zone and it is highly probable that the structural pattern on the M-S Option is repeated at several localities along the linear.

## 2:2 REGIONAL GEOCHEMISTRY

A stream silt sediment survey was carried out in the southern portion of Texada Island to delineate target areas.

This survey revealed a number of anomalous areas in Cu., Mo., Ag., though not all three elements exhibit coincidental anomalies. It appears that the area centering on the M-S Option exhibits the most systematic anomalies.

The Karmutsen volcanics appear to give rise to scattered, weakly anomalous copper and silver values which are probably caused by interflow sediments. The Karmutsen series is frequently characterized by altered interflow sediments which carry minor amounts of native copper.

The area of the M-S Option exhibits one consistent anomalous

section east of Bob Lake. This anomalous area appears to comprise part of the shear zone present in the M-S Option and which was investigated by ground prospecting.

### 2:3 REGIONAL GEOPHYSICS

The southern portion of Texada Island was covered by Federal-Provincial aeromagnetic surveys in 1957. The portion of the data applicable to the M-S Option is shown in Fig. 158-70-GP-1.

The Karmutsen volcanics show up as a distinct zone, and, likewise, the granodiorite. The structural pattern trending 070° is not readily apparent in the data. The data is of little relevance to the elucidation of extensions or structural repetitions of the M-S Option mineralization.

### 3:1 GEOLOGY

The M-S Option straddles the contact of the composite granodiorite intrusion with the basic volcanics and fragmentals of the Karmutsen group. The contact is cut by a strong fracture zone which gives rise to a pervasive fracture zone with coatings of pyrite, chalcopyrite and molybdenite along the fractures.

### 3:2 GRANITIC ROCKS

The granitic body that comprises the larger part of the M-S Option is a composite unit (Fig. 158-70-G-1).

The core of the intrusion comprises a medium grained biotite granodiorite which is sparsely porphyritic. The marginal zone, which is gradational from the core consists of a hornblende granodiorite,

medium grained and which possesses a weak igneous lamination. This is characterized by a lamination of platy potash feldspar crystals.

The lamination is steeply dipping to the south west at angles from 60° to vertical. It is interpreted as a flow foliation developed in the marginal zone parallel to the contact of the intrusion. The marginal portion exhibits some low retrograde alteration of hornblende to actinolite with sparse epidotic alteration. There is apparently no significant alteration associated with the widespread fracture zone.

### 3:3 VOLCANIC ROCKS

The volcanic rocks mapped within the central portion of the M-S Option comprise basaltic flows and fragmental rocks altered to low grade regional metamorphic assemblages of albite-epidote.

The flows are locally pillowled and, where mapped, the pillowled units exhibit a consistent "tops" to the southwest attitude. Carbonate amygdules are present on occasion. The basaltic flows are occasionally porphyritic with a streaky foliation of plagioclase phenocrysts present.

The fragmental units are chiefly pillow agglomerates comprising a disaggregated assemblage of broken pillows in a predominantly chloritic matrix. These do not appear to be agglomeratic units with acidic fragments present.

There are apparently gradations in finer grained tuffaceous units but these are not widespread. Within the mapped area, the units have a consistent strike of about 310°.

Several flow units were mapped as andesitic units but they were not differentiated in the map.

Close to the contact of the intrusion there is present a thin zone of amphibolized volcanics. This zone is probably up to 20 - 30 feet in width and is the only clear metamorphic effect of the intrusion on the volcanics.

#### 3:4 DYKE ROCKS

There are present within the area several distinct dykes and sills.

The most prominent unit is a porphyritic dacite that forms sills and cross cutting dykes. The rock comprises hornblende phenocrysts up to 1/2 inches in length in a pale cream sericitic matrix.

Dykes of andesitic affinities cross cut the intrusion and the volcanics and appear to be gradational into a hornblende microdiorite.

The dyke units appear to be affected by the widespread fracturing and locally carry pyrite along the fractures.

#### 3:5 STRUCTURAL GEOLOGY

The essential feature of the structural geology is the persistent fracture pattern that transects the granodiorite contact.

The structural pattern is well demonstrated in the mosaic derived from air photographs (Fig. 158-70-G-2). The major south westerly trending lineaments are the major controlling fracture or fault zones and the close pattern of fractures cutting across the granodiorite contact is evident.

The detailed mapping included a structural analysis of the property. This was carried out by a fracture intensity study on centres at 200 foot intervals along the old geochemical grid.

The intensity of fractures in a 2 ft. x 2 ft. area was measured and plotted with the length of strike proportional to the intensity of the fracturing.

The data is shown in Fig. 158-70-G-1 and the persistent south-westerly striking fracture is clearly the most persistent fracture trend present and greatly predominates over the other fractures present.

#### 4:1 GEOCHEMISTRY

The initial detailed work on the property comprised a detailed geochemical soil grid. The results (Fig. 158-70-E-1) indicate an elongate anomalous area of coincidental Cu-Mo anomalies that transgresses the granodiorite contact and which parallels the major fracture trend.

A comprehensive report is included in the Appendix detailing the analytical techniques and the statistical data. The writer concurs with the interpretation that there is a close correlation of soil anomalies with bedrock mineralization. The drilling data confirms this interpretation.

D.D.H. #1,2,3 were drilled to cross section an I.P. anomaly flanking a geochemical high and revealed fracture controlled pyrite which is replaced by fracture controlled chalcopyrite in the area of the geochemical high, though the grade is not very high.

D.D.H. #4,5 were drilled to check I.P. and geochemical anomalies in the area of the granitic rocks. The I.P. anomalies were attributable to pyrite while the geochemical high is derived from low grade copper mineralization.

Cold extractable copper data was obtained in the central portion of the property. The results indicate that some dispersion has taken place from the anomalous areas.

### 5:1 GEOPHYSICS

An induced polarization, time domain survey was carried out in the central portion of the property.

The survey was plagued by instrument malfunctions which necessitated a change of equipment when the survey was 70% complete. The data was not strictly comparable because of the different equipment capabilities. The initial instrument used was a Huntex MK IV receiver which was superceded by a Scintrex MK II unit.

There was a linear relationship between chargeabilities of both instruments, revealed in duplicate surveys. However resistivity data was not related in such a fashion as the instruments differed in their circuits and, because of this, no metal factors were calculable.

The chargeability map (Fig. 158-70-D-2) indicates that there is a crude semi-elliptical distribution of anomalous areas that transgresses the contact of the granodiorite body and is unrelated to the contact.

The drilling data clearly indicates that the anomalies are attributable to pyritic concentrations both along hairline fractures and as dilatant gashes in some movement zones.

The central zone where low chargeabilities are present is coincidental with the soil geochemical anomalies and the drilling indicates that this central zone is pyrite deficient with hairline fractures being coated with chalcopyrite.

The I.P. techniques have not been a direct tool in exploration but rather an indirect tool only revealing the fringes of the viable mineralization. In terms of cost effectiveness, the I.P. is not particularly valuable as there was sufficient geological control to give an idea of areal variation, though not as precise as the I.P.

Some experimental magnetometer and EM-16 traverses were run but their profile characteristics did not reveal information of any value, and, accordingly, were not utilized for a full survey.

#### 6:1 DRILLING

Nearly 1600 feet of AQ wireline drilling was carried out to check both I.P. and geochemical targets revealed by the previous surveys.

The drill core was logged and sampled in 10 foot sections. The core was logged on special drill logs that enable a quantitative estimate to be made of mineral percentages, proportion of alteration and fracture intensity. The precise symbols used are included with the drill logs.

A section was drilled (D.D.H. #1,2,3) to cross section an I.P. anomaly, geochemical anomaly and the contact of the granodiorite intrusion. The results are shown in Fig. 158-70-C-2 which revealed that the I.P. chargeability anomalies are caused by concentrations of pyrite and that, where the geochemical anomaly is present, there is a reduction of the percentage of pyrite and the appearance of chalcopyrite along the fractures. The section (158-70-C-2) transected the granodiorite contact where sparse copper mineralization was found.

The mean value for each drill hole in this section is 0.05% Cu. with individual sections of 10 feet averaging 0.25% Cu. but with no consistent mineralized section.

Hole #4 was collared to intersect an I.P. target in the granodiorite which was shown to be caused by pyrite fractures. No section greater than 0.15% Cu. was observed.

Hole #5 was collared to intersect and cross section a geochemical anomaly. The hole revealed a pyrite-deficient zone with traces of chalcopyrite and molybdenite along the fractures. This drill hole was not assayed but visual estimates did not indicate any section greater than 0.15% Cu.

Hole #6 was abandoned after 80 feet.

7:1 SUMMARY

A. The M-S Option comprises a strongly fractured zone that transgresses the contact of a composite granodiorite pluton.

B. The fracture zone comprises a closely spaced network of fractures which carry pyrite with lesser amounts of chalcopyrite and molybdenite.

C. There is a zonation present with a narrow core of a pyrite-deficient area with chalcopyrite succeeded outwards by the pyritic fringe.

D. The fracture zone is a portion of a regional system.

8:1 CONCLUSIONS

The M-S Option is a fracture controlled area of mineralization in which the area investigated has a narrow low grade zone of copper mineralization.

The area investigated is at an altitude of about 1500 feet, and there is some potential for the zone to be wide at lower elevations.

The extensive overburden prevents any direct prospecting of this area.

Regional extensions of the M-S Option type of mineralization should be sought and examined on Lasqueti Island, Nelson Island and the Jervis Inlet area.

The property was subsequently dropped.

Vancouver, B.C.

April, 1971

R. Wares

APPENDIX 1

ASSAYS

# CREST LABORATORIES (B.C.) LTD.

1068 HOMER STREET  
VANCOUVER 3, B.C.  
PHONE 688-8586

CREST LABORATORIES LTD.  
7911 ARGYLL ROAD  
EDMONTON 82, ALBERTA  
PHONE 469-2391

## CERTIFICATE OF ASSAY

TO ..... Falconbridge Nickel Mines Ltd. ....  
..... 1112 - West Pender Street .....  
..... VANCOUVER, B.C. ....

April 13, 1970

Lab No. 772

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	MOLYBDENUM					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	
20610			trace	0.22	trace					
20611			---	0.04	trace					
20612			trace	0.02	trace					
20613			---	0.04	trace					
20614			---	0.04	trace					
20615			---	0.03	trace					
20616			---	0.06	trace					
20617			---	0.03	trace					
20618			---	0.05	0.01					
20619			---	0.09	trace					
20620			trace	0.09	trace					
20621			---	0.20	0.01					
20622			---	0.04	trace					
20623			---	0.05	trace					
20624			---	0.05	trace					

NOTE:

Rejects retained one month.  
Pulps retained three months  
unless otherwise arranged.

Gold calculated at \$..... per ounce

..... Registered Assayer, Province of British Columbia

X.W.  
P. Biggins 4/14/70

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..... Page 2....

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MARKED	GOLD		SILVER	COPPER	MOLYBDENUM					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	
20625			---	0.03	trace					
20626			---	0.03	trace					
20627			---	0.04	trace					
20628			---	0.05	trace					
20629			---	0.09	trace					
20630			---	0.07	trace					
20631			---	0.07	0.01					
20632			---	0.24	0.01					
20633			---	0.07	trace					
20634			---	0.04	0.02					
20635			---	0.08	0.01					
20636			---	0.10	0.01					
20637			---	0.13	0.01					
20638			---	0.15	0.01					
20639			---	0.06	trace					

## NOTE:

Rejects retained one month.  
 Pulps retained three months  
 unless otherwise arranged.

Gold calculated at \$..... per ounce

F. Bergland  
Registered Assayer, Province of British Columbia

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April 13, 1970

..... Page 3....

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MARKED	GOLD		SILVER	COPPER	MOLYBDENUM					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	
20640			---	0.05	trace					
20641			---	0.03	trace					

## NOTE:

Rejects retained one month.  
 Pulps retained three months  
 unless otherwise arranged.

Gold calculated at \$..... per ounce

Registered Assayer, Province of British Columbia

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PHONE 469-2391

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..... VANCOUVER, B.C. ....

April 1, 1970

Lab No. 729

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MARKED	COPPER PERCENT	MOLYBDENUM PERCENT	MARKED			MARKED		
				PERCENT	PERCENT		PERCENT	PERCENT
20453	0.02	trace						
20454	0.02	trace						
20455	0.01	trace						
20456	0.02	trace						
20457	0.01	trace						
20458	0.01	trace						
20459	0.04	trace						
20460	0.01	trace						
20461	0.01	trace						
No Number	0.03	trace						

Tinade Island  
P.H. 152

## NOTE:

Rejects Retained One Month  
Pulps Retained Three Months  
Unless Otherwise Arranged.

S. Burgess  
Registered Assayer; Province of British Columbia

## CREST LABORATORIES (B.C.) LTD.

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PHONE 688-8586

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EDMONTON 82, ALBERTA  
PHONE 469-2391

## CERTIFICATE OF ASSAY

TO .... Falconbridge Nickel Mines Ltd. ....  
..... 1112 - West Pender Street .....  
..... VANCOUVER, B.C. Attn: Mr. Roy Wares:

April 1, 1970

Lab No. 741

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	MOLYBDENUM						TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
20462			---	0.01	trace						
20463			---	0.02	trace						
20464			---	0.02	trace						
20465			---	0.02	trace						
20466			---	0.02	trace						
20467			---	0.02	trace						
20468			---	0.02	trace						
20469			---	0.02	trace						
20470			---	0.04	trace						
20471			---	0.04	trace						
20472			trace	0.05	trace						
20473			---	0.02	trace						
20474			---	0.04	trace						
20475			---	0.02	trace						
20476			---	0.02	trace						

## NOTE:

Rejects retained one month.  
Pulps retained three months  
unless otherwise arranged.

Gold calculated at \$..... per ounce

Registered Assayer, Province of British Columbia

J. Exadour  
C.H. (58)

F. B. (X. Wares)  
F. B. (X. Wares)

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## CERTIFICATE OF ASSAY

TO ..... Falconbridge Nickel Mines Ltd.  
..... Page 2....

April 1, 1970

Lab No. 741

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	GOLD		SILVER	COPPER	MOLYBDENUM					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	
20477			---	0.03	trace					
20478			---	0.04	trace					
20479			---	0.01	0.02					
20480			---	0.18	0.06					
20481			---	0.06	0.01					
20482			---	0.05	trace					
20483			trace	0.04	trace					
20484			---	0.05	0.05					
20485			---	0.04	0.01					
20486			---	0.03	trace					
20487			---	0.05	trace					
20488			trace	0.03	trace					

## NOTE:

Rejects retained one month.  
Pulps retained three months  
unless otherwise arranged.

Gold calculated at \$..... per ounce

C. F. Bergeland  
Registered Assayer, Province of British Columbia

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EDMONTON 82, ALBERTA  
PHONE 469-2391

## CERTIFICATE OF ASSAY

TO ..... Falconbridge Nickel Mines Ltd.  
..... 1112 - West Pender Street  
..... VANCOUVER, B.C.

April 8, 1970

Lab No. 756

I hereby certify THAT THE FOLLOWING ARE THE RESULTS OF ASSAYS MADE BY US UPON THE HEREIN DESCRIBED SAMPLES.

MARKED	COPPER	MOLYBDENUM	MARKED	COPPER	MOLYBDENUM	MARKED		
	PERCENT	PERCENT		PERCENT	PERCENT			
20439	0.04	trace	20604	0.16	trace			
20490	0.04	0.01	20605	0.06	trace			
20491	0.10	trace	20606	0.07	trace			
20492	0.07	0.01	20607	0.03	trace			
20493	0.06	trace	20608	0.05	trace			
20494	0.03	trace	20609	0.20	trace			
20495	0.05	trace						
20496	0.05	0.01						
20497	0.04	trace						
20498	0.04	trace						
20499	0.03	trace						
20500	0.04	trace						
20601	0.04	trace						
20602	0.03	trace						
20603	0.10	trace						

NOTE:

Rejects Retained One Month  
Pulps Retained Three Months  
Unless Otherwise Arranged.

J. M. D.

F. B. Geddes

APPENDIX 2

COST STATEMENTS

BRITISH COLUMBIA	Project TEXADA						Location						Budget		PN 158			
	CURRENT MONTH												YEAR TO DATE					
	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		
PROPERTY ACQUISITION																		
Salaries & wages																		
Contract payments																		
Field Expenses																		
Transportation																		
Assays																		
EXPLORATION & PROSPECTING																		
Salaries & wages	-	212	-	(69)									2,394	2,606	2,606	2,537		
Contract payments	-	-	-	-									10,149	10,149	10,149	10,149		
Field Expenses	-	-	-	-									222	222	222	222		
Transportation	-	39	(39)	-									944	983	944	944		
Assays	-	-	-	-									932	932	932	932		
GEOLOGY	-	251	(39)	(69)									14,641	14,892	14,853	14,784		
Salaries & wages	-	-	259	461									3,483	3,483	3,742	4,203		
Contract payments	-	-	-	-									-	-	-	-		
Field Expenses	-	-	-	-									-	-	-	-		
Transportation	-	-	-	-									327	327	327	327		
Assays	-	-	-	-									-	-	-	-		
GEOPHYSICS	-	-	259	461									3,810	3,810	4,069	4,530		
Salaries & wages	-	-	-	(38)									1,328	1,328	1,328	1,290		
Contract payments	-	40	-	-									2,685	2,685	2,685	2,685		
Field Expenses	-	-	-	-									-	-	-	-		
Transportation	-	-	-	-									74	74	74	74		
Assays	-	-	-	-									-	-	-	-		
GEOCHEMISTRY	40	-	-	(38)									4,087	4,087	4,087	4,049		
Salaries & wages	-	-	-	243									-	-	-	243		
Contract payments	-	-	-	-									-	-	-	-		
Field Expenses	-	-	-	-									-	-	-	-		
Transportation	-	-	-	-									35	35	35	35		
Analysis - Geochem. Lab.	-	-	-	588									2,309	2,309	2,309	2,897		
	-	-	-	831									2,344	2,344	2,344	3,175		

BRITISH COLUMBIA	Project TEXADA						Location				Budget			PW 158		
	CURRENT MONTH												YEAR TO DATE			
	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
DIAMOND DRILLING						(167)							5,881	5,881	5,881	5,714
Salaries & wages	-	-	-										-	-	-	-
Contract payments	-	-	-	-									2,712	2,712	2,712	2,712
Field Expenses	-	-	-	-									182	182	182	182
Transportation	-	-	-	-									-	-	-	-
Assays	-	-	-	-									8,775	8,775	8,775	8,608
PHYSICAL WORK					(167)								529	529	529	513
Salaries & wages	-	-	-		(16)								-	-	-	-
Contract payments	-	-	-	-									-	-	-	-
Field Expenses	-	-	-	-									-	-	-	-
Transportation	-	-	-	-									-	-	-	-
Assays	-	-	-	-		(16)							529	529	529	513
OPTION PAYMENTS & PARTIC.	-	-	-	-									-	-	-	-
DRAUGHTING	-	-	-		11								199	199	199	210
PROPERTY MAINTENANCE	-	-	-										50	50	50	50
VANCOUVER OFFICE EXPENSE	-	95	116	(422)									6,822	6,917	7,033	6,611
OTHER EXPENSES	-	-	-	-									-	-	-	-
CAMP OPERATION		95	116	(411)									7,071	7,166	7,282	6,871
Salaries & wages	-	-	-		(43)								1,800	1,800	1,800	1,757
Camp Supplies	-	9	-	-									3,157	3,166	3,166	3,166
Hotels & Meals	-	-	-	-									477	477	477	477
TOTAL	40	355	336	548									46,691	47,046	47,382	47,930
TRANSPORTATION																
Company Helicopter	-	-	-	-									-	-	-	-
Air Charter	28	-	-	-									28	28	28	28
Local Transportation	199	39	(39)	-									199	238	199	199
Trans. to/from field	1,335	-	-	-									1,335	1,335	1,335	1,335
	1,562	39	(39)	-									1,562	1,601	1,562	1,562

APPENDIX 3

SOIL SAMPLING PROGRAM

SOIL SAMPLING PROGRAMME ON  
TEXADA ISLAND  
PRELIMINARY REPORT

LOCATION:

Bob and Tex claims, Texada Island.

DATE OF SURVEY:

November, 1969 - February, 1970.

PURPOSE:

Preliminary evaluation of Cu.-Mo. mineralization found by prospectors Mickle and Samuelson.

METHOD:

A total of 770 soil samples have been collected to date from the Main and Airstrip grids. Samples were taken at intervals of 200 ft. along grid lines spaced at 200 ft.

ANALYSES:

Cu. and Ag. - 10% HNO<sub>3</sub> - A.A.

Mo. - Fusion and dithiol.

CxCu. - Ammonium citrate-hydroxylamine hydrochloride buffer (pH = 4.0) - A.A.

pH - in situ determination with Metrohm - pH meter.

CONCENTRATION LEVELS:

	<u>Regional Bkd.</u>	<u>Local Bkd.</u>	<u>Anom.</u>	<u>Range</u>
(a) <u>Main Grid-</u>	Cu. <50	50-100	>100	5-2014
	- Ag. 0.2-0.4	0.4-0.6	>0.6	.02-1.6
	- Mo. 2	2-5	>5	< 2-120
	- CxCu. <5	5-10	>10	<1-460

CONCENTRATION LEVELS: (Con't)

	<u>Regional</u> <u>Bkd.</u>	<u>Local</u> <u>Bkd.</u>	<u>Anom.</u>	<u>Range</u>
(b) <u>Airstrip</u>				
<u>Grid - Cu.</u>	< 50	50-100	> 100	2-1405
- Ag.	0.2-0.4	0.4-0.6	> 0.6	0.2-1.1
- Mo.	< 2	< 2-5	> 5	< 2-30
(c) <u>pH Results:</u>		<u>Range</u>	<u>Mean</u>	
(i) Soils		7.3-7.8	7.5	
(ii) Stream water		8.2-8.4	8.3	
(iii) Ground water		7.4-7.6	7.5	

GENERAL:

The Main and Airstrip grids are located on the steep north-eastern slope of Texada Island. Overburden cover is thin at high elevations and rock exposures are common. The depth of overburden appears to increase rapidly on the lower slopes nearer to the shoreline. Steep slopes and the generally sparse vegetation cover resulting from a recent (1967?) forest fire favours mechanical down-slope dispersion of the soil.

The slightly alkaline soil and groundwater conditions should in theory restrict supergene mobility of Cu. and limit the importance of saline dispersion. The highly pyritic mineralization does however, favour the development of a geochemical expression for Cu. Conversely alkaline conditions theoretically favour saline dispersion of Mo.

INTERPRETATION AND RECOMMENDATIONS:

(a) Main Grid:

The principal feature of the Main Grid is a coincident Mo./Cu. anomaly with maximum dimensions of 4000 ft. (N.-S.) by 2000 ft. (E.-W.). This is enclosed by a broad zone of high back-

ground Cu. and Ag. contents which includes a number of locally anomalous Cu. values.

In detail the principal anomaly consists of a N.-S. trending zone high in both Cu. and Mo. which cuts across topographic features. This zone is parallel to a north-trending bedrock fracture pattern and may therefore be closely related to mineralization. A low order CxCu. anomaly coincides with the high Cu.-Mo. zone. With only three exceptions the CxCu./Cu. ratio is low (generally <5%) indicating that saline dispersion is not a significant factor in the development of the Cu. anomaly. The greater depth of overburden at lower levels of the slope may be responsible for the north-easterly truncation of this anomaly.

The foregoing suggests that the principal anomaly is closely related to bedrock mineralization. The steep slope and sparse vegetation cover favour mechanical downslope dispersion of anomalous soils and it is likely therefore, that the anomaly is displaced north-eastwards from the bedrock source.

(b) Airstrip Grid:

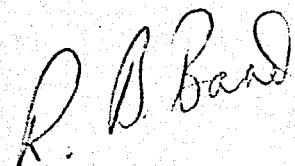
Cu. and Mo. anomalies on the Airstrip Grid show only slight overlap. Cu. shows a broad anomalous zone covering the eastern half of the grid and consisting in detail of three distinct anomalies. The eastern-most of these occurs in the vicinity of mineralized bedrock exposed at the Airstrip showing.

The two principal Mo. anomalies are narrow and markedly elongated in the direction of maximum topographic slope. This may be indicative of saline dispersion. The intersection of these Mo. anomalies with the E.-W. trending Cu. anomaly to the S.W. may be an indication of mineralization.

RECOMMENDATIONS:

Geochemical indications from the Main grid are extremely favourable and this area should be given priority.

On the Airstrip grid soil sampling should be extended to completely outline the areas with anomalous Cu. contents.



Vancouver, B. C.

April, 1970

R. B. Band

Copies to: J.J. McDougall  
D.H. Brown  
R. Wares  
XF-70-158  
XF-10-702

APPENDIX 4

I.P. SURVEY - KENTING

# TEXADA ISLAND, BRITISH COLUMBIA

## SCALE

2640 0 2640 5280 7920 10,560 13,200 15,840

1 inch to 2640 feet



These rates apply from the day the crew arrives at the property until their departure at the end of the survey work. The stand-by rates apply on days when the crew is unable to work due to reasons beyond Huntac's control, such as adverse weather conditions, or survey lines not cut.

The mobilization fee and 75% of the daily charges will be billable on completion of survey work, and the balance of the contract price will become payable on submission by Huntac of the final report and maps.

I will be in Vancouver on Monday February 23rd and will call your office at that time. I would like, if possible, to discuss the geology of the property and ascertain the nature of the targets being sought, so that the optimum survey techniques will be used.

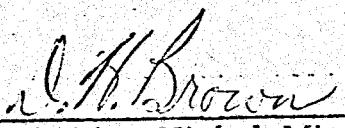
If these specifications are to your satisfaction would you please sign the duplicate copy of this letter as our authorization to proceed with the survey work.

Yours truly,

HUNTEC DIVISION  
Kenting Exploration Services Limited

  
A. R. Dodds  
Senior Geophysicist

Approved and Authorized:

  
\_\_\_\_\_  
J. H. Brown  
Falconbridge Nickel Mines Limited

ARD:db

*Original by D.E.  
copy returned Mar. 2/70*



HUNTEC - Earth Sciences Division

Phone (403) 266-4041, Telex 038-22630  
2nd Floor, 224 - 9th Avenue S.W.  
Calgary 2, Alberta, Canada

February 18, 1970.

Falconbridge Nickel Mines Limited,  
504 - 1112 West Pender Street,  
VANCOUVER 1, B.C.

Attention: Mr. S. N. Charteris

Re: Induced Polarization Survey - Texada Island, B.C.

Dear Mr. Charteris:

This is to confirm the availability of an Induced Polarization crew to cover your property on Texada Island, B.C., starting approximately February 24th. We understand that precut survey lines are spaced at 400 foot intervals and that readings are required at 200 and 400 foot electrode separations, every 200 feet along the survey lines.

The breakdown of responsibilities is as follows:

(a) Huntac will provide:

1 - 2.5 Kilowatt I.P. Unit  
2 - Operators  
Final maps and interpretation in a formal report

(b) Falconbridge will provide:

2 - Helpers  
Vehicle for transportation of the survey crew from Blubber Bay to the property

Board and lodging for the Huntac personnel

Our charges for this work will be:

Per working day	\$275.00
Per stand-by day	\$165.00
Mobilization and De-mobilization (flat fee)	\$300.00

APPENDIX 5

DRILL LOGS

LEGEND

- [ ] [ ] 4a Andesite dyke.
- [ ] [ ] 4b Porphyritic dacite.
- [ ] [ ] 4c Hornblende microdiorite.
- [ ] [ ] 3a Quartz diorite.
- [ ] [ ] 3b Quartz monzonite.
- [ ] [ ] 3c Granodiorite.
- [ ] [ ] 3d Granite.
- [ ] [ ] 3e Aplitic.
- [ ] [ ] 2a Metabasalt.
- [ ] [ ] 2b Meta-andesite.
- [ ] [ ] 2c Meta-tuff.
- [ ] [ ] 2d Meta agglomerate.
- [ ] [ ] 2e Pillow breccia.
- [ ] [ ] 2x Amphibolised volcanics.

Fractures = Number of fractures per foot of drill core

Lithology

1	= fine grained
2	= medium grained
3	= coarse grained
4	= porphyritic
5	= granoblastic

Alteration  
Mineralization Quantitative estimates of proportion of minerals or alteration present

tr.	= trace
1	= trace to 1/2% by volume
2	= 1/2% to 1% by volume
3	= 1% to 3%
4	= 3% to 5%
5	= 5%

(averaged over 10' sections)

Subscripts refer to mode of occurrence

F	= fractures
D	= disseminated
F,D	= occurring in both fractures

Ep	= epidote
Cl	= chlorite
Ca	= calcite
Q	= quartz
F	= feldspar
py	= pyrite
cpy	= chalcopyrite
Mo	= molybdenite

Example

	Fracture	Lithology	Ep	Cl	Ca	Q	F	py	cpy	Mo
2a	10	1,4	2	1				1	tr.	
			F	D				F	F	

Metabasalt, fine grained, porphyritic, with up to 1% epidote along fractures, disseminated chlorite and up to 1% pyrite, trace chalcopyrite along fractures.

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

PNM68

Collar	Inclination	Bearing	PROPERTY	M-S Option	Length	382'	HOLE No.	70-1
			Location	Texada Island, B.C.	Hor. Comp:	/Vert. Comp:	Sheet	1 of 5
			Elevation	1700'	Bearing	000° at -45°	Logged by	R. Wares
			Coordinates	N 400S E 500W	N	Began /Completed	Sampled by	A. Mickle
					E	Core size ACW /Recovery %		

FOOTAGE	RECOV'Y	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES	ASSAYS			
							No.	From	To	Ft	Cu.	Mo.
0 15	Run Core	2a, strongly shattered, poor recovery, heavily oxidised.	Fractures		Eb Cl Co O F	Py Cpx Mo						
15 25		2a,b,			I I I I	2 I						
					F D F F	F F F						
25 35		2a, porphyritic with sparse quartz stringers 27-32, 1/2" diss. py + cpx			I I I	2 Tr						
					F D F	F F						
35 45		35' - 42' 2a,b. 42' - 45' 2a,d, probably a pillow breccia, sparse epidotic fractures with py.			I I Tr	2 I						
					F F F	F D D						
45 55		45' - 51' 2a,d, 51' - 55' 2a,b, Increase in epidotic alteration.			I I I I	2 I						
					F F F F	F D D						
55 65		2a,b, fracture network of epidote veinlets with minor sulphides, cross cutting qtz. stringers, sparse cpx. present.			2 I I I	I Tr						
					F D O F F D	F F						
65 75		2a, metamorphic overgrowths on phenocrysts, epidote pods at 69', 72'. Sulphide content diminished.			2 I Tr I	I I						
					F D D F F	F D D						
75 85		75 - 81 2a 81 - 82 2d 82 - 85 2a Sparse Mo present, fine magnetite at 81			2 2 I 2	I Tr I						
					F D D F F	F D F						
85 95		2a, minor silicification present, 1" pyrite pod at 87, epidote stringers up to 1/2" wide			2 2 I 2	I Tr I						
					F D D F F	F D F						

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

PNH68

Collar	Inclination	Bearing	PROPERTY M-S Option					Length	382'	HOLE NO. 70-1	
			Location Texada Island, B.C.					Hor Comp.	/Vert Comp.	Sheet 2 / of 5	
			Elevation 1700'					Bearing		Logged by	
			Coordinates	4+00 S	N	Begun		/Completed		Sampled by	
				5+00 W	E	Core size	AOW	/Recovery	%		

FOOTAGE From	FOOTAGE To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y Fractures	TEXTURE					ALTERATION Eb Cl Co Q F	MINERALIZATION Py Cpy Mo	GRAPHIC	SAMPLES No. From To ft	Cu. Mo. Az.	ASSAYS		
					E	D	C	I	F								
95	105		2a, 3" epidote vein at 97'. thin calcite stringers present. quartz-pyrite fractures are present.	12	1,4	2	2	1	2	I	Tr		95	105	10	0.01 tr.	
						F	D	F	F	F	D						
105	115		105 - 108, 2a 108 - 115, 2d											105	115	10	0.01 tr.
			Minor feldspathization present	12	1,4	2	2	1	2	I	Tr	I					
						F	D	F	F	F	D	F					
115	125		2d, fracture intensity much diminished, chloritization more prominent, traces diss. cpy.		8	1,4	2	3	1	I	Tr	Tr		115	125	10	0.01 tr. -
						F	D	F	F	F	F	F					
125	135		125 - 126 2d, bedding at 70° to C.A. 126 - 135 2a,b, calcite filled amygdales 131', vague, epidotized area.		10	1,4								125	135	10	0.02 tr. -
			Minor Mo in fractures.			I	I	I	I	I	Tr						
135	145		2a, minor carbonate at 142' 3a, 138-139			F	D	F	F	F	F	F		135	145	10	0.02 tr. -
145	155		2a, sparse carbonate stringers present			2	I	I	I	I				145	155	10	0.02 tr. -
						F	D	F	F	F							
155	165		2a, epidotic blebs at 157'			2	I	I	I	I				155	165	10	0.02 tr. -
						F	D	F	F	F							
165	175		2a, calcite filled shear at 17 <sup>1</sup> / <sub>2</sub> , variable epidotization present			I	I	I		2	Tr			165	175	10	0.02 tr. -
						F	D	F	F	F							
175	185		2a, 2c, 183-184, epidotic stringers at 70° to C.A. at 17°.			I	I	2		2	Tr			175	185	10	0.02 tr. -
						F	D	F	F	F	D	D					

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

FNNM6

			Inclination	Bearing	PROPERTY	M-S Option	Length	382'	HOLE NO.	70-1
			Color		Location	Texada Island, B.C.	Hor. Comp.	/Vert. Comp.	Sheet	3 of 5
					Elevation		Bearing	090° at -45°	Logged by	R. Wares
					Coordinates	4+00 S 5+00 W	N	Begun /Completed	Sampled by	M. Mickle
							E	Core size A.Q.W /Recovery %		

FOOTAGE	RECOV'Y	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION				MINERALIZATION	GRAPHIC	SAMPLES	ASSAYS	
					Eb	Ci	Ca	Q	F				
185	195	2a, calcite veinlets become more prominent towards 191			1	1	2		2	Tr		20469	
					F	D	F		F	D		185	195 10 0.02 tr. -
195	205	2a, variable content of feldspar phenocrysts, sparse epidotic alteration of feldspars			2	1	1		2	Tr		20470	
					F	D	F		F	D		195	205 10 0.04 tr. -
205	215	2a, increase in silicification with increase in epidotization and concomitant increase in pyritic content (disseminated)			3	2	1	2	2	1		20471	
					F	D	F	F	F	F		205	215 10 0.04 tr. -
215	225	2a, well broken, close fracture network developed, increase in epidotization and some minor feldspathization.			3	2		1	2	2		20472	
					F	D	D		F	F		215	225 10 0.05 tr. tr.
225	235	2a, somewhat chloritic with possibly some minor amphibole present, probably close to fault zone.			1	3	1					20473	
					F	D	F					225	235 10 0.02 tr. -
235	245	2a, again chloritic with an almost hornfelsic texture, feldspar phenocrysts and calcitic amygdalites are almost entirely absent; diss. py. present										20474	
												235	245 10 0.04 tr. -
245	255	245 - 249 2a, 249'-253' - 2c,d. 253 - 255 2a,			1	2	2		2	Tr Tr		20475	
					F	D	F		F	D		245	255 10 0.02 tr. -
255	265	2a, quartz rich zones at 256, 257 dyke at 3a at 260' with variable epidotization			1	2	2		2	Tr Tr		20476	
					F	D	F		F	D		255	265 10 0.02 tr. -
265	275	2a, epidotization and pyritic veinlets more prominent and up to 1/4" wide. 15% feldspar phenocrysts.			2	2	1		3	Tr		20477	
					F	D	F		F	D		265	275 10 0.03 tr. -

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

FHMES

Inclination			Bearing	PROPERTY	M-S Option	Length	382'	HOLE No.	70-1
Color				Location	Texada Island, B.C.		Hor. Comp.	/Vert. Comp.	
				Elevation	1700'		Bearing	090° at -15°	
				Coordinates	4+00 S		N	Begin	/Completed
				5+00 W		E	Core size AOW	/Recovery	HD %

FOOTAGE From To	RECOV' Run Core	DESCRIPTION		LITHOL'Y Fractures	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES		ASSAYS
		From	To						No.	From	
275 285		2a, increase in chloritization, sparse phenocrysts present calcite filled amygdalules, pervasive epidotization		8	1,4	Eb Cl Co Q F	Py Cpy Mo		275	285	0.04 tr. -
						F D D F	F D F				
285 295		2a, extensively sheared and chloritized. 286 - 288 - strongly shattered 289 - 294 - approx. 10% pyrite, veins at specular hematite up to 1"		10	1	2 4 Tr I	3 I		285	295	0.01 0.02 -
						F D D F F	F D F				
295 305		2a, epidotic stringers with minor cpy, py, mo in quartz stringers at 30 <sup>1/2</sup> , qtz. vein at 302		8	1,4	2 3	2 2 1 2		295	305	0.18 0.06 -
						F D D F	F D F F				
305 315		2a, 307 - 310, strongly shattered with frequent qtz. stringers with sparse cpy.		12	1	2 2	1 2 Tr		305	315	0.06 0.01 -
						F D F	F F F				
315 325		2a, 316 - 320 2c,d, 50% pyrite over 18" at 323'		12	1	1 2	1 3 Tr		315	325	0.05 tr. -
						F D F	F F F				
325 335		2a, 2x, thin quartz stringers with cpy, py, trace Mo at 331		8	1	1 3 1 2	2 1 1		325	335	0.04 tr. tr.
						F D E F	F F F				
335 345		2x, thin films of Mo along fractures and along quartz stringers		8	1	1 3 1	2 1 1		335	345	0.05 0.05 -
						F D F D	F F F				
345 355		2a, minor pyrite, variable epidotization		8	1	1 2 1	1 1		345	355	0.04 0.01 -
						F D F	F F				
355 365		2a, traces cpy. in quartz carbonate stringers		8	1	1 1 1	1 1		355	365	0.03 tr. -
						F D F	F F				

## DRILL HOLE RECORD

## FALCONBRIDGE NICKEL MINES LIMITED

FMG

Inclination	Bearing	PROPERTY	M-S Option	Length	382'	HOLE No.	70-1
Color		Location	Texada Island, B.C.	Hor Comp	/Vert Comp	Sheet	5 of 5
		Elevation	1700'	Bearing	090° at - 45° <th>Logged by</th> <td>R.Wares</td>	Logged by	R.Wares
		Coordinates	4+00 S	N	Begin /Completed	Sampled by	M.Mickle
			5+00 W	E	Core size AQW /Recovery ND %		

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

FNM&B	Inclination	Bearing	PROPERTY	M-S Option	Length	389'	HOLE No.	70-2	
	Collar	-43°	090°	Location	Texada Island, B.C.	Hor Comp.	270°	/Vert Comp.	270°
		-40	090	Elevation		Bearing	090°		
				Coordinates	4+00 S	N	Begun	27/3/70	/Completed 1/4/70
					2+00 W	E	Core size	AQW	/Recovery ND %

FOOTAGE	RECOV'Y	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES			ASSAYS	
								From	To	Run	Core	
0 15'		2a, leached and oxidized, pyritic stringers present.										
15 25		2a, greyish green, sparse calcite filled amygdules present. 22' to 22.8, 3a, epidotized with quartz stringers and pyritic fractures.	10	1, 4	1 2 / 1 /	2						15 25 10 0.04 tr
25 35		2a, variably porphyritic, epidotic alteration along pyritic stringers.	8	1, 4	1 2 / 1 /	2						25 35 10 0.04 tr.
35 45		2a, total pyrite content about 12%, trace Mo and cpy present, blebs of cpy at 38'	12	1, 4	1 2 / 1 /	3 1						35 45 10 0.10 tr.
45 55		2a, as 35'-45' 46 to 47.5 heavy pyrite mineralization (coarse euhedral) with strong associated chloritic alteration, cpy stringers at 53.5'	10	1, 4	1 2 / 1 .	3 1						45 55 10 0.07 tr.
55 65		2a, variably porphyritic, quartz stringers with py, cpy and trace Mo present but widely spaced.	8	1, 4	1 2 / 1 .	3 1						55 65 10 0.06 tr
65 75		2a, total pyrite content much reduced, cpy more prominent	8	1, 4	1 2 / 1 /	2 1						65 75 10 0.03 tr.
75 85		2a, qtz.-calcite fractures with py and cpy present.	12	1, 4	1 2 / 1 /	1 1						75 85 10 0.05 tr.
85 95		2a, calcite stringer at 87, specks of tetrahedrite present, thin quartz stringers present but widely spaced.	15	1, 4	1 / 1 /	1 1 / 1						85 95 10 0.03 0.01

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

FHM68

Collar	Inclination	Bearing	PROPERTY	M-S Option	Length	389'	HOLE No.	70-2
	-45	090	Location	Texada Island, B. C.	Hor Comp	270	/Vert Comp	270
	-40		Elevation		Bearing	090°		
			Coordinates	4+00 S 2+00 W	N E	Begun 27/3/70 Completed 1/4/70		
						Core size AOW	/Recovery	ND %

FOOTAGE	RECOV'Y	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC		SAMPLES	ASSAYS	
							From	To	ft	Cu.	Mo.
95	105	2a, as 85-95. Total pyrite content diminished. Py cpy approx. 2:1; thin calcite filled stringers present	10	1, 4	1 2 1 / 1	2 1			95	105	10 0.04 tr.
					F D F F	F F					
105	115	2a, extensively chloritized. Py cpy approx. 4:1 pyrite associated with epidotic alteration.	7	1, 4	1 2 tr	2 1			105	115	10 0.04 tr.
					F D F	F F					
115	125	2a, strongly shattered at 122' (prob. fault) Pyrite quite prominent, sparse cpy present.	14	1, 4	2 1 /	1 tr			115	125	10 0.08 tr.
					F D F	F					
125	135	2a, low sulphide content; epidotic stringer at 133' with heavy pyrite.	10	1	2 2 1	1 1			125	135	10 0.04 tr.
					F D F	F F					
135	145	2a, generally fine grained, with sparse calcitic amygdules, 1/2", cpy and Mo stringer at 144.	10	1	1 2 /	1 tr tr			135	145	10 0.04 tr.
					F D F	F F F					
145	155	2a, sparse pyrite	10	1	1 1 1	1			145	155	10 0.03 tr.
					F D F	F					
155	165	2a, 4b, from 161.5 to 162. trace cpy at 164.	12	1, 4	1 1 1	1 tr			155	165	10 0.10 tr.
					F D F	F F					
165	175	2a, vein of 3a at 172' with occasional specks of cpy.	10	1, 4	2 1 /	1 tr			165	175	10 0.16 tr.
					F D F	F F					
175	185	2a, sparse pyrite	5	1, 4	2 1 /	1			175	185	10 0.06 tr.
					F D F	F					

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

PNM 68

Color	Inclination	Bearing	PROPERTY	M-S Option	Length	389'	HOLE No.	70-2
	-45	090	Location	Texada Island, B.C.	Hor Comp	270 /Vert Comp 270	Sheet 3 of 5	
			Elevation		Bearing	090°	Logged by	R. Wares
			Coordinates	4+00 S 2+00 W	N E	Begun 27/3/70/Completed 1/4/70	Sampled by	M. Nickle
						Core size AOW /Recovery %		

FOOTAGE From	FOOTAGE To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y Fractures	TEXTURE Ep C1 Co Q F F D F	ALTERATION py cpy Mo F F	MINERALIZATION	GRAPHIC	SAMPLES			ASSAYS No. From To Ft Cu Mo Ag.
									No.	From	To	
185	195		2a, dyke of 3a at 194	10	1, 4 F D F	1 2 1 F D F	tr tr F F		185	195	10	0.07 tr
195	205		2a, slight increase in fractures intensity with py coating.	8	1, 4 F D F	1 2 1 F D F	1 tr F F		195	205	10	0.03 tr.
205	215		2a, somewhat paler and less chloritized. Calcite and actinolite in stringers at 211.	12	1 F D F	1 1 1 F D F	1 tr F F		205	215	10	0.05 tr.
215	225		2a, increase in epidotization, minor cpy and Mo. present. $\frac{1}{2}$ " blebs of cpy present with minor specularite.	15	1 F D F	2 1 1 1 F D F F	2 1 tr F F F		215	225	10	0.20 tr.
225	235		2a, highly fractured, marked increase in calcitic fractures.	17	1, 4 F D F F	2 1 2 1 F D F F	2 1 tr F F F		225	235	10	0.22 tr. tr.
235	245		2a, py-cpy approx. 4:1, increase in total sulphide content.	15	1 F D F F	2 1 2 1 F D F F	2 1 tr F F F		235	245	10	0.04 tr. -
245	255		2a, decrease in sulphide content, much core lost.	17	1 F D F	2 1 2 F D F	2 1 tr F F F		245	255	10	0.02 tr. tr.
255	265		256-261, calcite filled. breccia zone 261-265, 2a, strongly chloritized with marked epidotization.	21	1 F D F F	2 2 1 1 F D F F	1 tr F F F		255	265	10	0.04 tr. -
265	275		3" dyke of 3a at 267' 2a, with less sulphide content than 255-265.	18	1 F D F	1 2 1 F D F	1 tr F F		265	275	10	0.04 tr. -

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

FNM98

Collar	Inclination	Bearing	PROPERTY	M-S Option	Length	389'	HOLE No.	70-2
	-45	090	Location	Texada Island	Hor Comp	270 /Vert Comp 270	Sheet	4 of 5
	-40	090	Elevation		Bearing	090°	Logged by	R. Wares
			Coordinates	4+00 S	N	Begun 27/3/70 /Completed 1/4/70	Sampled by	M. Mickle
				2+00 W	E	Core size Aqw /Recovery ND %		

FOOTAGE From	FOOTAGE To	RECOV'Y Run Core	DESCRIPTION	LITHOLY Fractures	TEXTURE Ep C Co Q F	ALTERATION py cpy Mo	MINERALIZATION	GRAPHIC	SAMPLES				ASSAYS	
									No.	From	To	ft	Cu	
275	285		2a, thin calcite filled fractures present, minor amphibole present.	15	1, 4 Tr 2 1 FD F	Tr Tr FF			275	285	10	0.03	tr.	-
285	295		2a, sparse epidotic alteration with minor cpy and py.	8	1 1 2 1 FD F	Tr 1 FF			285	295	10	0.06	tr.	-
295	305		2a, sulphide content diminished	8	1 1 2 1 1 FD FF	1 Tr FF			295	305	10	0.03	tr.	-
305	315		2a, vague increase in pyrite content insignificant alteration.	8	1 1 2 FD	1 Tr FF			305	315	10	0.05	0.01	-
315	325		2a, fracture intensity much increased with concomitant increase in sulphides.	12	1 Tr 1 2 1 FD FF	2 Tr FF			315	325	10	0.09	tr.	-
325	335		2a, as 315-325.	12	1 Tr 1 2 1 FD FF	2 Tr FF			325	335	10	0.09	tr.	tr.
335	345		2a, composite quartz-calcite vein present	6	1 Tr 1 2 1 FD FF	2 Tr FF			335	345	10	0.20	0.01	-
345	355		2x, actinolitic amphibole present	10	1 1 2 1 FD F	1 Tr FF			345	355	10	0.04	tr.	-
355	365		2x, broken core (probable fault).	17	1 1 1 FD	1 Tr FF			355	365	10	0.05	tr.	-

# DRILL HOLE RECORD

# FALCONBRIDGE NICKEL MINES LIMITED

F N M G

Inclination	Bearing	PROPERTY	M-S Option	Length	389'	HOLE No.	TO-2
Collar -15 -40	090 090	Location	Texada Island, B.C.	Hor. Comp.	270	/Vert. Comp.	270
		Elevation		Bearing	090°		Logged by R. Wares
		Coordinates	4+00 S N	Began	27/3/70	/Completed	1/4/70
			2+00 W E	Core size	AQW	/Recovery	ND %

FOOTAGE	RECOV'Y	DESCRIPTION	LITHOL'Y Fractures	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES			ASSAYS		
								From	To	Run	Cu.	Mo.	Ag.
365	375	2x, broken core		1				365	375	10	0.05	tr.	-
375	385	2x, broken core		1				375	385	10	0.03	tr.	-
385	390	2x, broken core		1				385	390	5	0.03	tr.	-

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

COLOR	Inclination	Bearing	PROPERTY	M-S Option	Length	243'	HOLE No.	70-3
	-45°	000°	Location	Texada Island, B.C.	Hor. Comp.	/Vert. Comp.	Sheet	1 of 3
			Elevation	1500'	Bearing	090°	Logged by	P. Vares
			Coordinates	4+00 S 2+50 E	N	Begin	Completed	M. Mickle
					E	Core size	AQ	/Recovery %

PHOTOS

FOOTAGE From	FOOTAGE To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES	ASSAYS
				Fractures		Eb Cl Co Q F	Py Cpy Mo	No. From To Fx	Cu. Mo. Ag.	
0	10		2a, extensive broken core, heavily oxidized, scattered py present.							
10	20		2a, greyish green, fine grained with calcitic fractures. Dyke of 3a at 16'. Trace Mo. at 16'			I 2 2 1 Tr Tr Tr F D F F F F F F				
20	30		2a, sheared, brecciated with thin films of Mo. along fractures, variable epidotization of feldspar phenocrysts.			2 2 1 1 Tr Tr Tr F D D F F F F F F				
30	40		30-31, 2a, chloritized amphibole present 31-40, 3a,b, greyish pink, medium grained with partial epidotization, granulated & sheared			2 1 1 1 1 1 F D D F F F F F F				
40	50		3a,b, partial hematization in feldspars, widespread chloritization of amphiboles			2 1 1 1 1 1 Tr F D D F F F F F F				
50	60		3a,b, considerably sheared and silicified. Breccia zone at 54', 58'. Trace Mo, cpy, along fractures			1 1 2 1 1 1 D D F F F F F F				
60	70		3a,b, 1-1/2" qtz. vein at 69' Minor disseminated py, cpy, in addition to fracture coatings. Epidotic alteration adjacent to quartz stringers			1 1 2 1 1 Tr F D D F F F F F F				
70	80		3a,b, greyish, partly chloritized and sheared			1 1 1 1 1 Tr F D D F F F F F F				
80	90		3a,b, variably epidotized with scattered pyrite			1 1 1 1 1 Tr F D D F F F F F F				

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

PHMS

COLOR	Inclination Bearing		PROPERTY Location Elevation Coordinates	M-S Option		Length Bearing N E	243° 090° N E		HOLE NO. 70-3	
	-45°	090°		Texada Island, B.C.	Hor Comp.		/Vert Comp.		Completed	Core size

FOOTAGE From To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y Fractures	TEXTURE	ALTERATION Eb Cl Co Q F Py Cpy Mo	MINERALIZATION	GRAPHIC	SAMPLES		ASSAYS	
								No.	From To	Fr	Cu.
90 100		3a,b, increase in amount of silicification and "bleaching" of feldspars	6		I I 2 I I Tr			90	100	10	0.08 0.01 -
100 110		3a,b, minor fractures with coatings of py & cpy present (ry:cpx 2:1). Thin quartz stringers present with trace Mo.	6		I I I I I Tr Tr			100	110	10	0.10 0.01 -
110 120		3a,b, possibly minor feldspathization present, strongly broken core from 118' to 120'	8		2 I I I I Tr Tr			110	120	10	0.13 0.01 -
120 130		3a, somewhat bleached and granulated with noticeable increase in epidotization and silicification	10		2 I I I I I Tr			120	130	10	0.15 0.01 -
130 140		3a, granulated, epidotized with sparse qtz. stringers	11		I I I I Tr Tr			130	140	10	0.06 tr. -
140 150		3a,b, minor granulation present, bleaching of K-spar, total sulphide content low	8		I I I I Tr Tr			140	150	10	0.05 tr. -
150 160		3a,b, as 140-150, low sulphide content	10		I I I I			150	160	10	0.03 tr. -
160 170		3a,b, strongly granulated with fresh tectonic xenoliths present. Sulphide content low.	14		I 3 I I Tr Tr			160	170	10	0.1 est.
170 180		170-171' shattered, broken zone 171-180' granulated 3a,b as 160-170			Tr 3 I I Tr Tr			170	180	10	0.1 est.

**DRILL HOLE RECORD**

FALCONBRIDGE NICKEL MINES LIMITED

## FALCONBRIDGE NICKEL MINES LIMITED

PNM 9

Inclination	Bearing	PROPERTY	M-S Option	Length	243'	HOLE No.	70-3
Collar	-45°	Location	Texada Island, B.C.	Hor. Comp.	/Vert Comp.	Sheet	3 of 3
		Elevation	1500'	Bearing	090°	Logged by	R. Wares
		Coordinates	4+00 S	N	Begin /Completed	Sampled by	M. Mickle
			2+50 E	E	Core size AQ /Recovery %		

# DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

ENR 1000

Inclination Bearing			PROPERTY	M-S Option	Length	220'	HOLE No.	70-5
Cutter			Location	Texada Island, B.C.	Hor Comp	/Vert Comp	Sheet	1 of 3
			Elevation	1500' (est.)	Bearing	270° at -15°	Logged by	R. Wares
			Coordinates	8+00 N 11+00 E	Begun	/Completed	Sampled by	
FOOTAGE	RECOV'Y	DESCRIPTION	LITHOLY	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES
From	To	Run Core	Fractures	Ed Cl Ca Q F Py Cr Mo			No.	From To
0	20							
20	30	3a, greyish, medium grained hornblende granodiorite with sparse biotite, sparse stringers cpy, tr. mo, no apparent pervasive alteration.	6	2	Tr I D D	Tr Tr Tr F F F		
30	40	3a, sparse biotite, qtz. stringer at 36°, sparse cpy along fractures	8	2	I I D D	Tr Tr Tr F F F		
40	50	3a, minor chloritization adjacent to quartz stringers slight increase in epidotization	3	2,4	I I D D	Tr Tr Tr F F F		
50	60	3a, increase in chloritization, biotite apparently unaltered, colour index increasing to 40, minor epidotization.	6	2	I I D D	I Tr Tr F F F		
60	70	3a, partly sheared and granulated, increase in chloritization along fractures 62-65, 4b, no sulphides	5	2	I I D D	I Tr F F		
70	80	3a, as 60-70	8	2	I 2 F DF	I Tr		
80	90	80-81, 3a, sheared, granulated 81-90, 4b, finer grained margins, porphyritic core, no sulphides	9	2				
90	100	3a, granulated, minor feldsmathization present, increase in epidotization, faint igneous lamination present. Sparse diss. py. with cpy. along fractures	2	2	3 I D D	I I 2 Tr F F F D F		
100	110	100 - 106 3a 106 - 110 4b Thin quartz stringers with chalcopyrite present.	6	2				

ASSAYS

0.25

0.15

0.15

0.15

0.10

0.10

0.10

0.15

**DRILL HOLE RECORD**  
FALCONBRIDGE NICKEL MINES LIMITED

Collar	Inclination	Bearing	PROPERTY	M-S Option	Length	220'	HOLE No.	70-5
			Location	Texeda Island, B.C.	Hor. Comp.	/Vert. Comp.	Sheet	2 of 3
			Elevation	1500' (est.)	Bearing	270° at -45°	Logged by	R. Wares
			Coordinates	8+00	N	Begun	/Completed	
				11+00	E	Core size	AQ	/Recovery %

FNMSB

FOOTAGE From	FOOTAGE To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES	ASSAYS
				Fractures	Eb Cl Co O F Py Cd/Mo				No. From To Ft Cu. (est)	
110	120		110-113 - 4b	8	2					0.15
			113-115 3a, as 106-110							
			115-120 4b							
120	130		120-123 - 4b	8						0.20
			123-130, 3a, widespread		2	2	I	I I I Tr		
			epidotization with increase			F D	F	F F F		
			in pyrite. Chloritization							
			widespread.							
130	140		3a, partially "bleached"	8	2					0.10
			and chloritized. Colour index			2	I	I I I Tr		
			low (approx. 15), mafic minerals			F D	D	F F F		
			chloritized.							
140	150		140-146 4b, sparsely porphyritic,	9	2					0.10
			minor calcite filled							
			fractures							
			146-147 3a, chloritized							
			147-150 4b							
150	160		150-152 4b	4	2	2	I	I Tr Tr		0.10
			152-160, 3a, somewhat chloritized.			F D	F	F F F		
			Pyrite filled fractures with							
			minor mo., trace cpy. present							
160	170		3a, trace cny. present	8	2	2	I	I I		0.10
						F D	F	F F		
170	180		3a, generally deficient	10	2					0.10
			in pyrite, traces cny.			2		I Tr		
			present.			F		F F		
180	190		3a, somewhat leucocratic	6	2		I	Tr		0.15
			with sparse pyrite			F		F F		
			present.							
190	200		3a, sparse pyrite	4	2					0.10

# **DRILL HOLE RECORD**

FALCONBRIDGE NICKEL MINES LIMITED

## FALCONBRIDGE NICKEL MINES LIMITED

DRILL HOLE RECORD			Inclination	Bearing	PROPERTY	M-S Option	Length	220'	HOLE No.	70-5
Callier			Location		Texada Island, B.C.	Hor Comp	/Vert Comp		Sheet	3 of 3
			Elevation		1500' (est.)	Bearing	270° at -45°		Logged by	R. Wares
			Coordinates	6400	N	Begun	/Completed		Sampled by	
				11+00	E	Core size	AQ /Recovery	%		

**PROPERTY** M-S Option

HOLE NUMBER 70-6  
SHEET NUMBER 1  
SECTION FROM 0' TO 80'

# **DIAMOND DRILL RECORD**

LAT..... 13°00' N  
LOCATION: DEP..... 10°50' W  
ELEVATION OF COLLAR 1900'  
DATUM.....  
DIRECTION AT START: BEARING 270°  
DIP -70°

STARTED..... 15/4/70  
COMPLETED.... 15/4/70  
ULTIMATE DEPTH..... 80'  
PROPOSED DEPTH.... 200'

**PROPERTY** M-S Option

**HOLE NUMBER** 158-70-PS-2

SHEET NUMBER 1

**SECTION FROM** 0 **TO** 70°

# DIAMOND DRILL RECORD

**LOCATION:** LAT. 12°00' N  
                  LON. 15°00' W

**STARTED**.....

**LEVELING** ELEVATION OF COLLAR 1800' (est.)

**COMPLETED** \_\_\_\_\_

DATUM

**ULTIMATE DEPTH**

**DIRECTION AT START:** BEARING ..... DIP .....

#### **PROPOSED DEPTH**

**PROPERTY** M-S Option

HOLE NUMBER 158-70-PS-1

**SHEET NUMBER** \_\_\_\_\_

**SECTION FROM** \_\_\_\_\_ **TO** \_\_\_\_\_

## **DIAMOND DRILL RECORD**

LAT. 0+20 S  
LOCATION: DEP. 8+40 W  
ELEVATION OF COLLAR 1700' (est.)  
DATUM 0  
DIRECTION AT START: BEARING 270°  
DIP -80°

**STARTED** \_\_\_\_\_  
**COMPLETED** \_\_\_\_\_  
**ULTIMATE DEPTH** \_\_\_\_\_  
**PROPOSED DEPTH** \_\_\_\_\_

**PROPERTY** M-S Option

HOLE NUMBER 158-70-PS-3

SHEET NUMBER 1

**SECTION FROM** ..... **0** ..... **TO** ..... **70**

# **DIAMOND DRILL RECORD**

**LOCATION:** LAT. 4+00 S  
DEP. 1+50 W

**STARTED** \_\_\_\_\_

**LEVELING** ELEVATION OF COLLAR 1700'

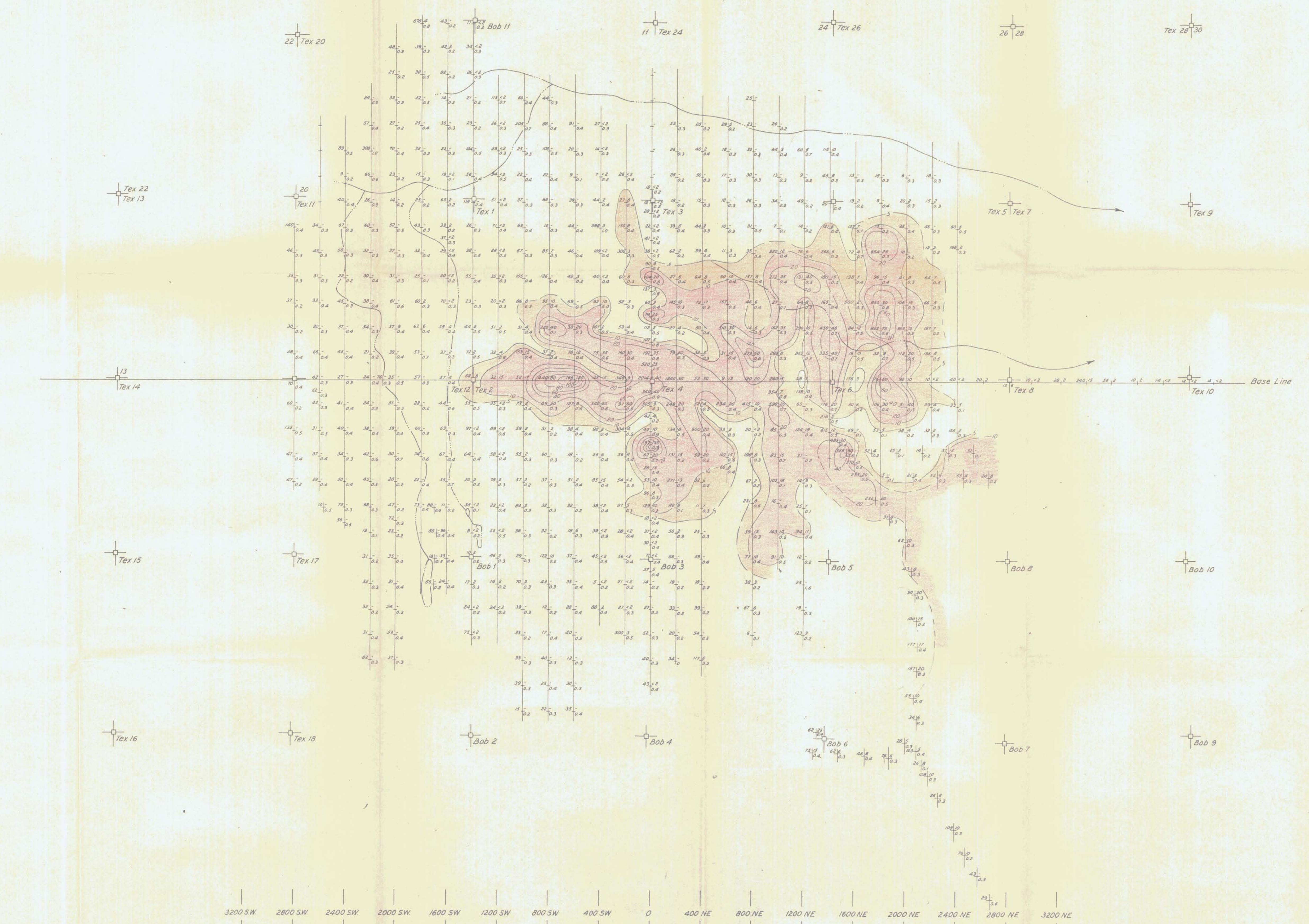
**COMPLETED**

DATUM \_\_\_\_\_

**ULTIMATE DEPTH**

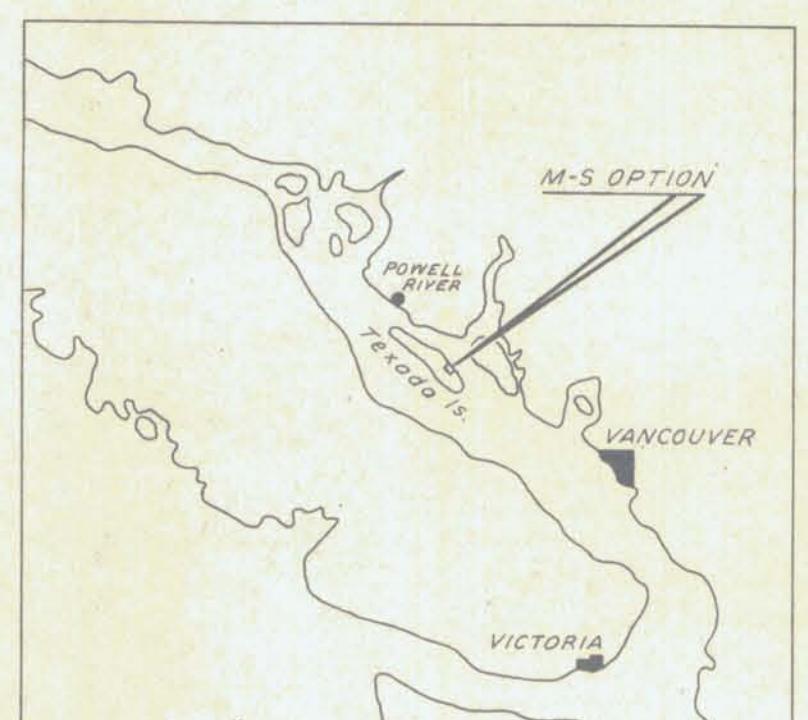
**DIRECTION AT START:** BEARING

**PROPOSED DEPTH**



MOLYBDENUM VALUES - M-S OPTION (in p.p.m.)

>5.0 p.p.m. - Possibly anomalous  
>10 p.p.m. - Anomalous



0 400 800 1200 1600 2000 2400 2800 3200 3600  
SCALE: 1 INCH TO 400'

COMPANY . . FALCONBRIDGE NICKEL MINES LTD.

PROPERTY . . M-S OPTION

LOCATION . . TEXADA ISLAND, B.C.

WORKING PLACE . .

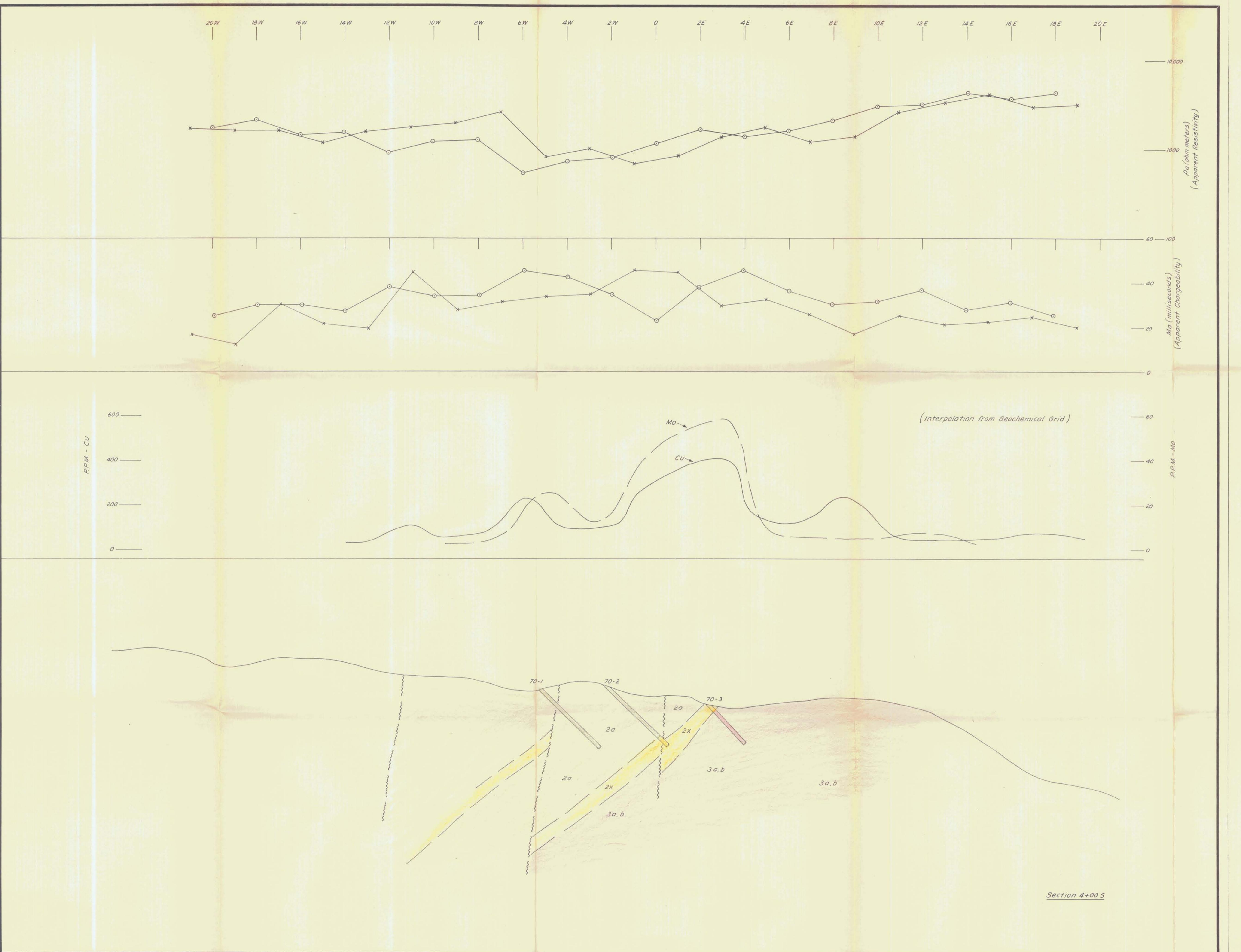
TYPE OF MAP . . GEOCHEMISTRY

BASED ON . . Sampling by Samuelson and Mickie

DATE . . March 1971

DRAWN BY . . H.G.T.

DATE OF WORK . .



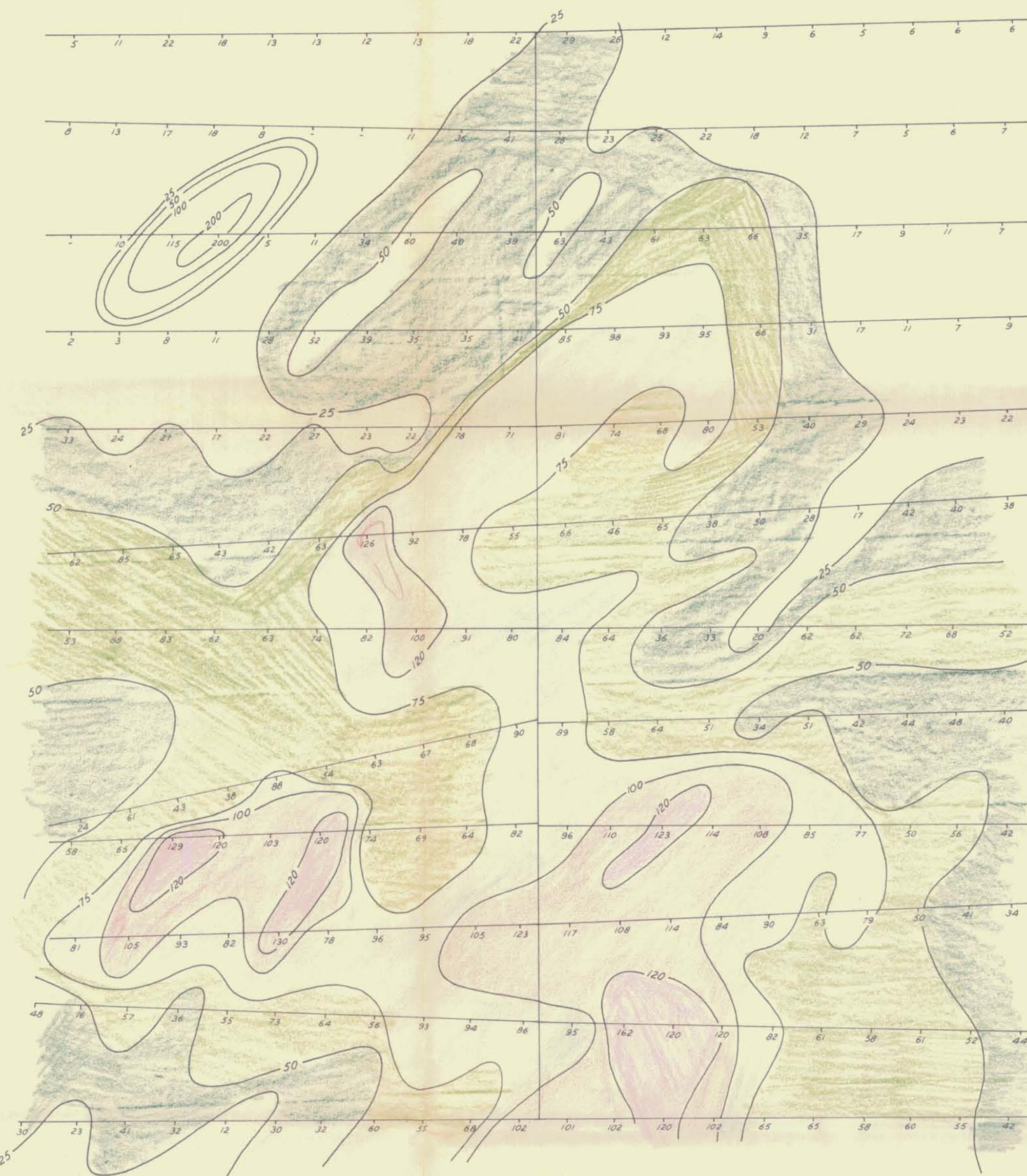
200 0 200 400 600 800 1000 1200 1400 1600 1800  
SCALE: 1 INCH TO 200'

COMPANY . . FALCONBRIDGE NICKEL MINES LTD.  
PROPERTY . . M-S OPTION  
LOCATION . . TEXADA ISLAND, B.C.

WORKING PLACE . . Tex Group of Claims  
TYPE OF MAP . . Section 4+00 S  
BASED ON . . I.P., Geochemistry, Drilling

DATE . . December 1970  
DRAWN BY . . H.G.T.  
DATE OF WORK . . April 1970

2a: METABASALT  
2x: AMPHIBOLITIZED VOLCS.  
3a: QUARTZ DIORITE  
3b: QUARTZ MONZONITE



400 0 400 800 1200 1600 2000 2400 2800 3200 3600  
SCALE: 1 INCH TO 400'

24 N  
20 N  
16 N  
12 N  
8 N  
4 N  
0  
4 S  
8 S  
12 S  
16 S  
20 S

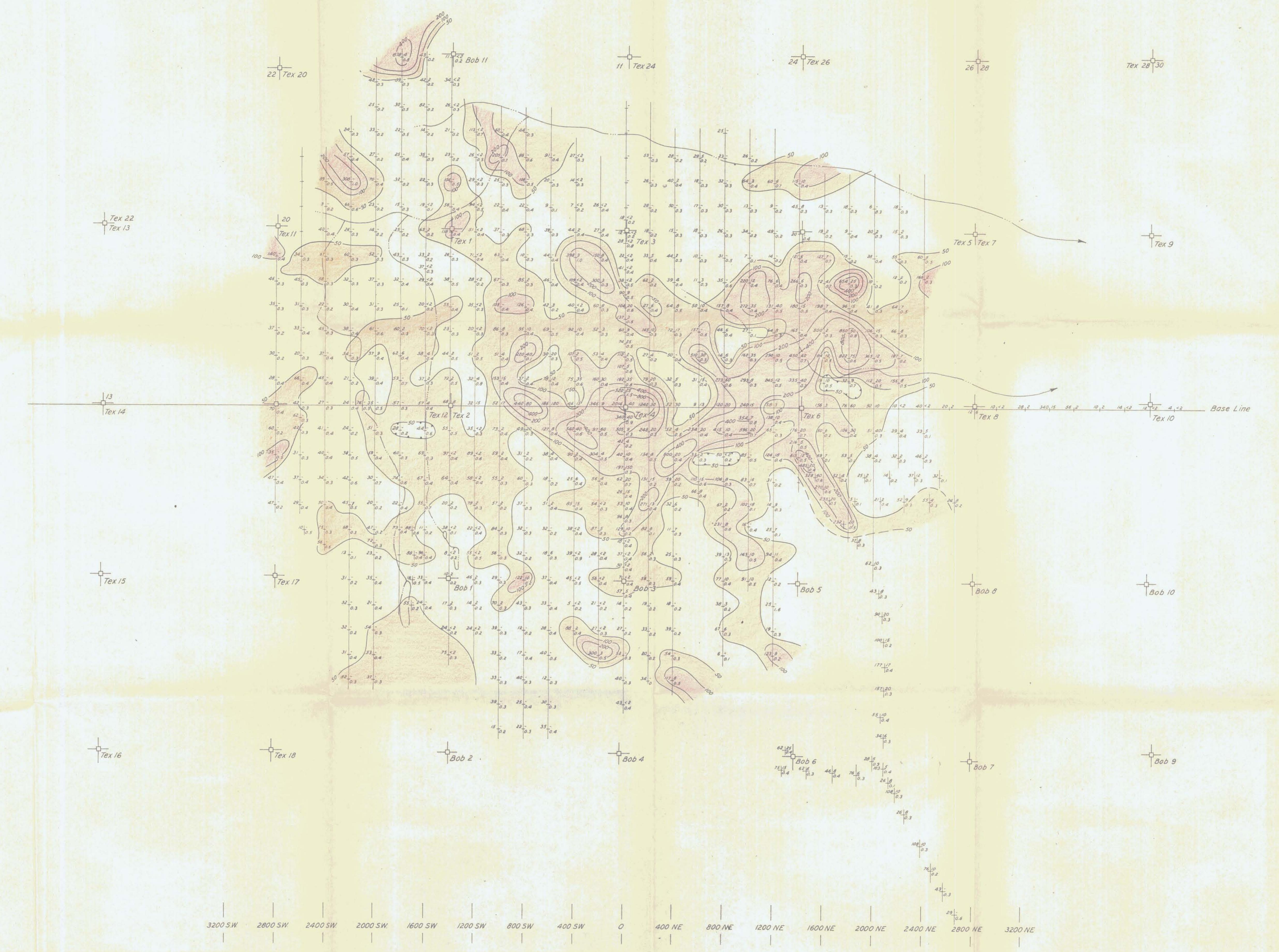


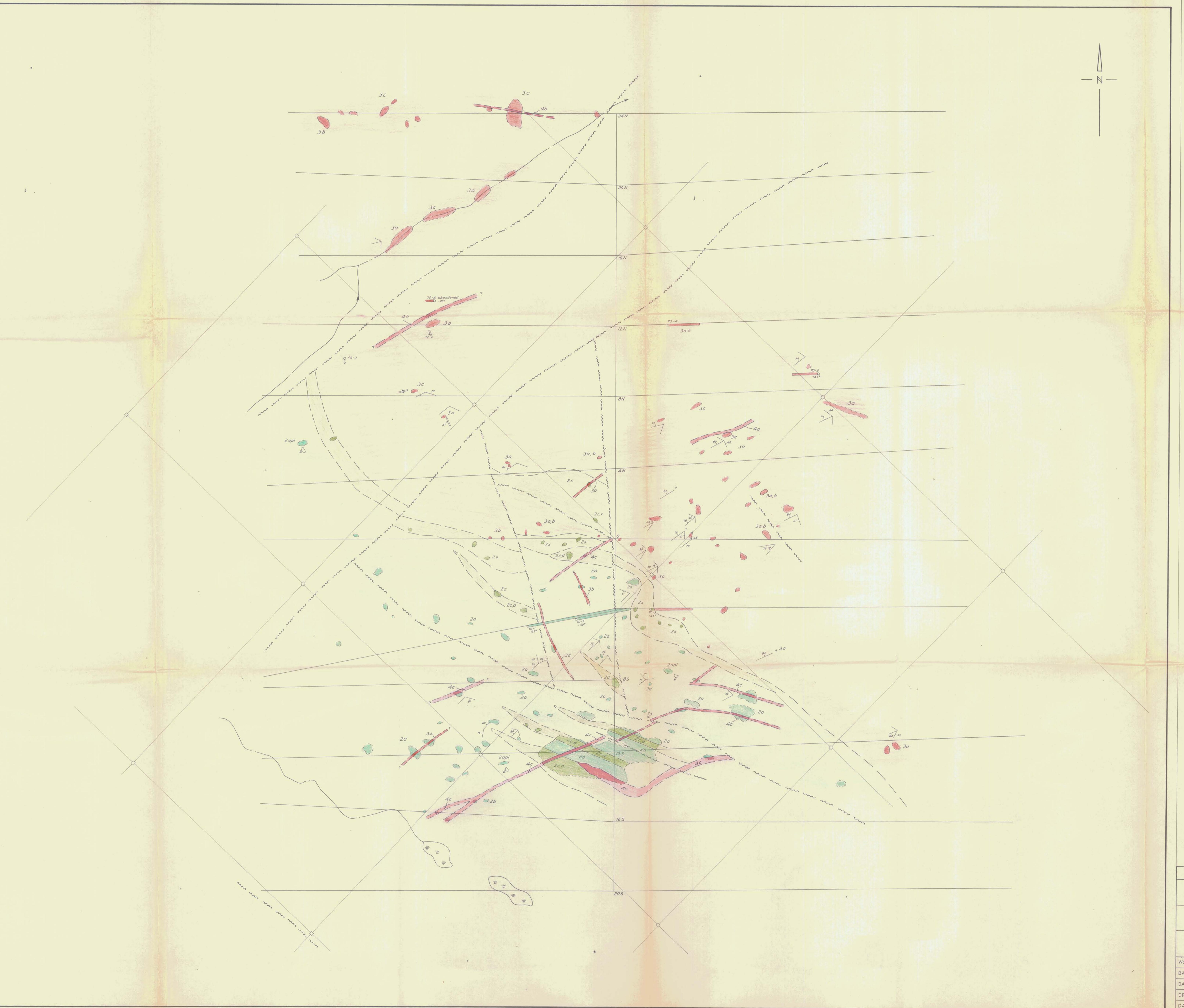
**Interpretation of I.P. Data**  
**A Plan of chargeability values for  $a = 200$ '**  
**B Geological interpretation showing sulphide isopleths and structural dislocation**

COMPANY . . FALCONBRIDGE NICKEL MINES LTD.  
PROPERTY . . M-S OPTION  
LOCATION . . TEXADA ISLAND, B.C.

WORKING PLACE . . Tex group of claims  
TYPE OF MAP . . Interpretative  
BASED ON . . I.P., Geochemistry

DATE . . December, 1970  
DRAWN BY . . H.G.T.  
DATE OF WORK . . April, 1970

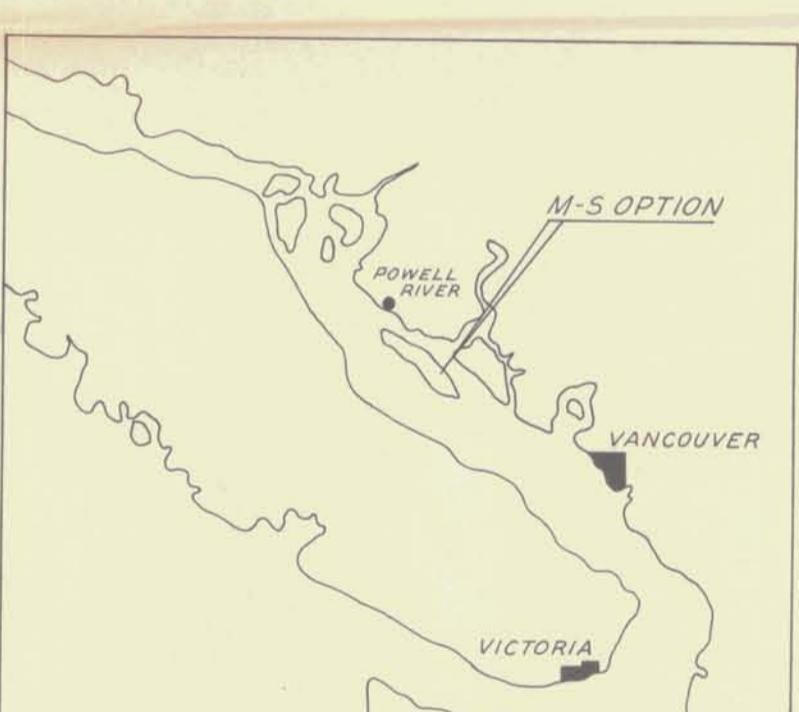




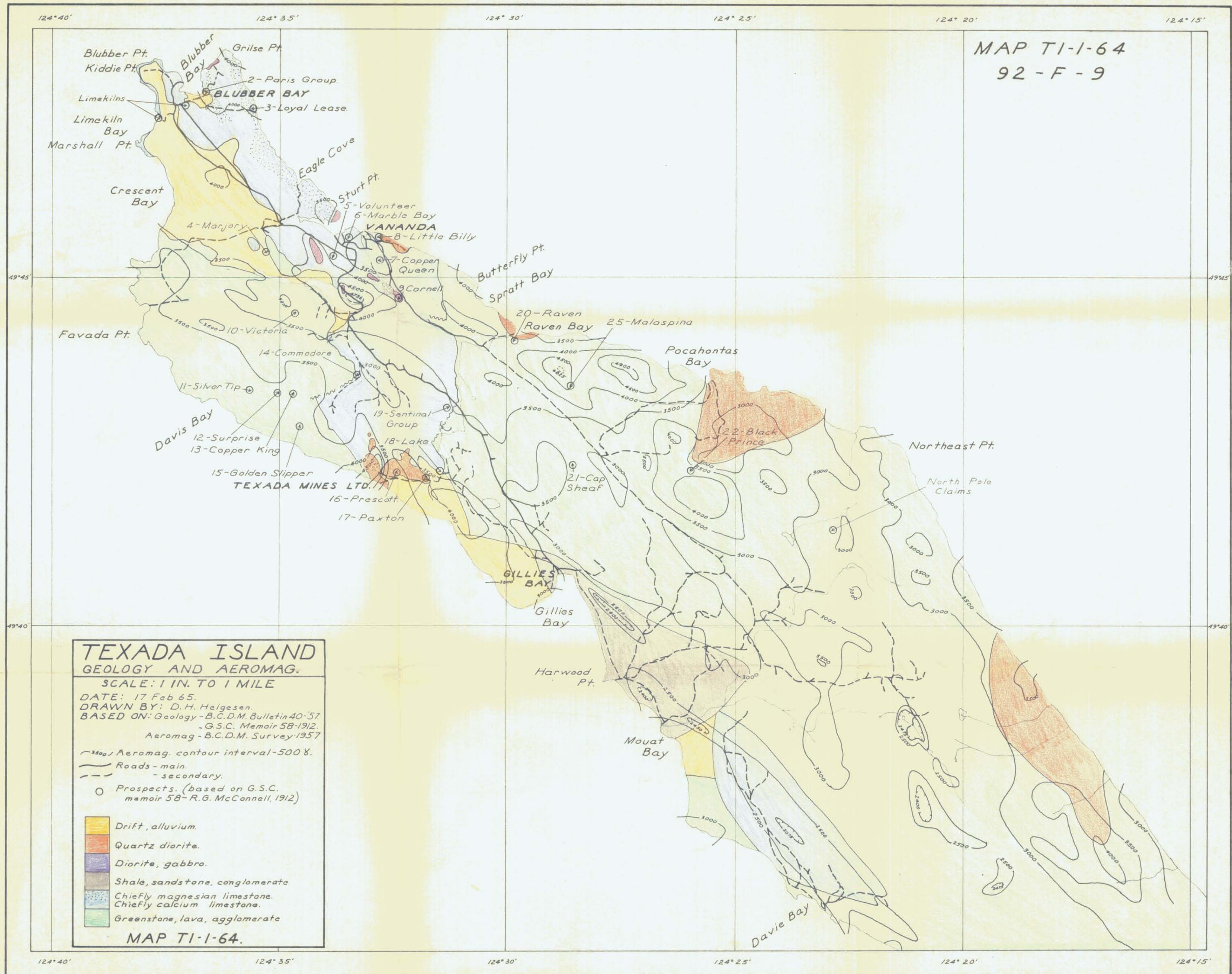
**LEGEND**

- ~~~~~ Fault defined, assumed
- Geological boundary, assumed
- Outcrop boundary
- + Small outcrop
- Claim post
- ↔ Igneous foliation
- "Direction of pillows"
- Diamond drill hole
- Pocksock hole
- $\frac{m}{2'}$  Fracture Intensity  
(Length of strike proportional to intensity  
of fractures in area  $2' \times 2'$ ; oriented NE/SW)

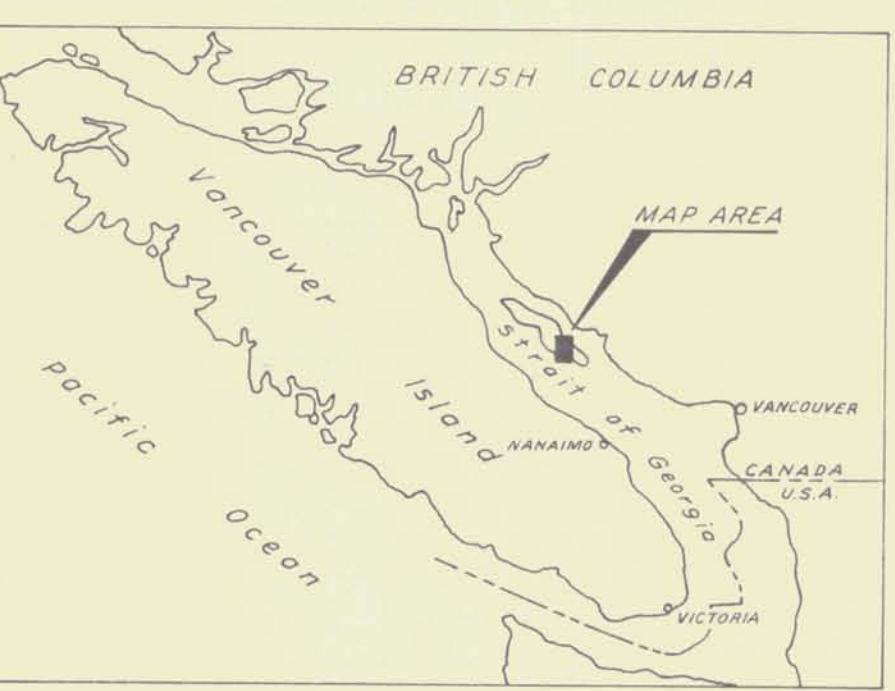
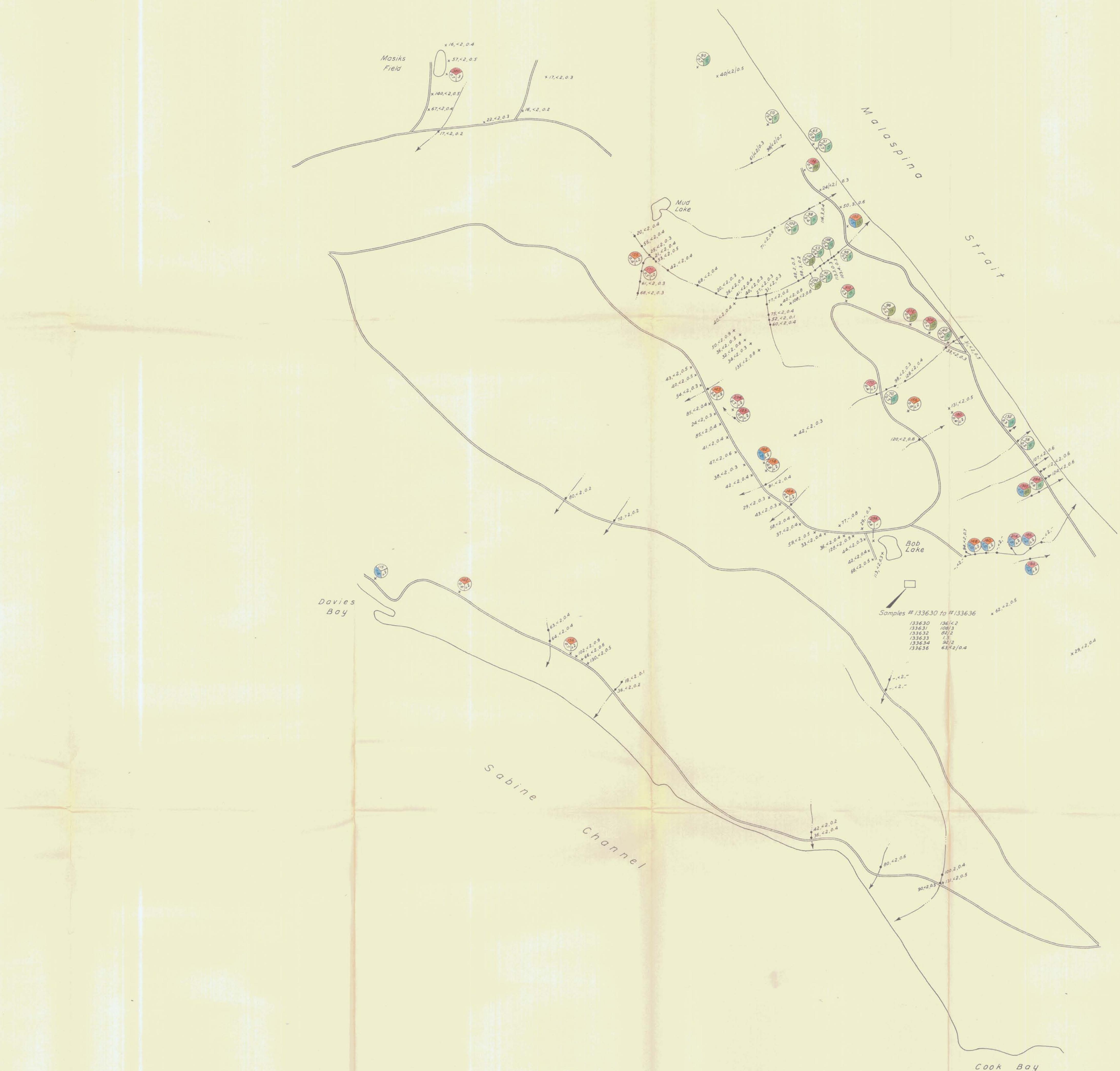
4a	Andesite dyke.
4b	Porphyritic dacite.
4c	Hornblende microdiorite.
3a	Quartz diorite.
3b	Quartz monzonite.
3c	Granodiorite.
3d	Granite.
3e	Apatite.
2a	Metabasalt
2b	Meta-andesite.
2c	Meta-tuff
2d	Meta-igneous rocks
2e	Pillow breccia
2x	Amphibolised volcanics.



FALCONBRIDGE NICKEL MINES LIMITED	
M-S OPTION - PN 158	
Texada Island, B.C.	
<b>GEOLOGY</b>	
WORKING PLACE: Texada group of claims.	
BASED ON: Field work by R. Wores	
DATE OF WORK: March, 1970	MAP REF NO.: 158-70-G-1
DRAWN BY: R.G.T.	FIG. NO.
DATE: March, 1971	N.T.S. NO.: 92-F-9
	G-1



N



SCALE: 1 INCH TO 1/2 MILE

COMPANY . . FALCONBRIDGE NICKEL MINES LTD.  
PROPERTY . . M-S OPTION  
LOCATION . . TEXADA ISLAND

WORKING PLACE . . Bob & Tex Claims  
TYPE OF MAP . . REGIONAL GEOCHEMISTRY  
BASED ON . . Soil and Silt Samples

DATE . . November 1970  
DRAWN BY . . G.T.  
DATE OF WORK . . Jan - Feb 1970



COLD EXTRACTABLE COPPER  
TEXADA ISLAND MAIN GRID  
(NORTHERN HALF)

Copper values in p.p.m.



0 400 800 1200 1600 2000 2400 2800 3200 3600 4000  
SCALE: 1 INCH TO 400'

COMPANY . . FALCONBRIDGE NICKEL MINES LTD.

PROPERTY . . M-S OPTION

LOCATION . . TEXADA ISLAND, B.C.

WORKING PLACE . . Tex Group

TYPE OF MAP . . GEOCHEMICAL

BASED ON . . Soil Samples

DATE . . March 1971

DRAWN BY . . H.G.T.

DATE OF WORK . .

