

92/H. 1

820912

DEC 1960

W.S.R.  
P.M.K.  
G.H.M.  
E.O.C.  
H.A.P.  
K.S.S.  
B.C.B.  
D.W.P.  
G.P.H.  
E.L.D.  
J.I.B.  
E.C.J.

INT

92 H

DE

FROM: Rod I  
TO: E. O.

Friday Creek Development  
Company.

1, 1960  
Ck Dev Co

Nov 30 1960

Dear

geology on the area recently stripped by Hamelin and showing also, the extensive stripping programme done by Phelps Dodge before they dropped their option,

In addition to the sketch and PIF information. I ran one line of JEM readings east west across the biotite dyke, and Hamelin drilled four short holes from east to west to intersect the dyke; both efforts did not provide any useful information.

I talked to Skerl: after his brief examination and read his preliminary report done for Hamelin. Skerl classifies any further work, except a stripping programme at the south end of the P.D. N/S trench as simple gambling.

He recommends stripping at the south end in an effort to uncover favorable tuff beds in the Wolf Ck/Nicola sediments that were the source of Copper Mtn ore on the east side of the Syeno-gabbro stock. Since there is no sign of these beds outcropping on the relatively steep walls of Friday Ck, I think this programme is just as much of a gamble.

The sampling I've done and the assay results I've seen indicate there is not a gold deposit in the biotite-dyke; if this is correct, then, in my opinion, further work on this property is not warranted,

Roderick Macrae

W.S.R.	
P.M.K.	
G.H.M.	
E.O.C.	
H.A.P.	
R.D.S.	
B.C.B.	
D.W.P.	
G.P.H.	
E.L.D.	
J.I.B.	
E.C.J.	

INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies—No. 1 and No. 2—to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties have the complete message and reply on one sheet of paper.

*See previous correspondence.*

92/H. 1

# INTER-OFFICE CORRESPONDENCE

820912

A	303	45678
N		
W.S.R.		
P.M.K.		
G.H.M.		
E.O.C.		
H.A.P.		
K.S.S.		
B.C.B.		
D.W.P.		
G.P.R.		
E.L.D.		
J.I.B.		
E.C.J.		

FROM ..... Rod Macrae

TO ..... E. O. Chisholm

DATE ..... Nov 30th, 1960

SUBJECT ..... Friday Ck Dev Co

## MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Ted:

Enclosed is a PIF and a sketch of the geology on the area recently stripped by Hamelin and showing also, the extensive stripping programme done by Phelps Dodge before they dropped their option,

In addition to the skech and PIF information. I ran one line of JEM readings east west across the biotite dyke, and Hamelin drilled four short holes from east to west to intersect the dyke; both efforts did not provide any useful information.

I talked to Skerl: after his brief examination and read his preliminary report done for Hamelin. Skerl classifies any further work, except a stripping programme at the south end of the P.D. N/S trench as simple gambling.

He recommends stripping at the south end in an effort to uncover favorable tuff beds in the Wolf ck/Nicola sediments that were the source of Copper Mtn ore on the east side of the Syeno-gabbro stock. Since there is no sign of these beds outcropping on the relatively steep walls of Friday Ck, I think this programme is just as much of a gamble.

The sampling I've done and the assay results I've seen indicate there is not a gold deposit in the biotite-dyke; if this is correct, then, in my opinion, further work on this property is not warranted,

*Rod*  
Roderick Macrae

W.S.R.	
P.M.K.	
G.H.M.	
E.O.C.	
H.A.P.	
R.D.S.	
B.C.B.	
D.W.P.	
G.P.R.	
E.L.D.	
J.I.B.	
E.C.J.	

(TO BE COMPLETED IN TRIPLICATE)

### INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies — No. 1 and No. 2 — to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties have the complete message and reply on one sheet of paper.

**PROPERTY INFORMATION FORM**

Date Nov 26th, 1960

Name of Property Friday Creek Development Co

Presented by (with address) Douglas Hamelin  
1055 Eyremont, West Vancouver B.C.

Date July, 1960

Location Coord: 120-34: 49-17, 12 miles south of Princeton B.C.

Access Southern Transprovincial highway, via access rd for three miles.

Claims 23 claims and fractions, one placer lease, held by location

Ownership Friday Ck Dev Co Rm 614 Burrard Bldg, D. Hamelin Pres; W.J. Birney Secy-Treas.

Summary of Outstanding Features 200 ft x 500 ft dyke of biotite rich altered rock, has concentrations up to 5 tons of bornite, minor chalcopyrite, erratic gold and silver values. Very erratic palladium gp minerals associated with bornite. At south end of property, chalcopyrite occurs in contact zone gabbro/Nicola sediments.

Opinions, Suggestions or Recommendations of Present Holder Property requires further stripping of the intrusive/Nicola contact at south end and in vicinity of biotite rich dyke, and drilling, if warranted.

Option Terms \$ 40,000 cash over 5 yr period, \$60,000 cash out of production, 10% of capital stock, in new company.

Information is Based on Examinations, July, November.

Nature of Deposit deposition of bornite assoc. with pink feldspar veins, in fracture zone in syeno-gabbro Copper Mtn stock; Chalcopyrite occurs weakly disseminated thru intrusive. Gold apparently associated with biotite

Mineralization dyke or vein. Bornite in pods or conc, 10 to 15% Cu. Chalcopyrite occurs in concentrations up to 2.5%, av. 0.6% across 100ft widths. Gold from 0.02 to 1.50ozs; silver gold ratio not known but assays show up to 1 ox Ag.

Widths and Values Copper: across 2.5' to 3.0 ft as bornite 10-15%; Chalcopyrite: across widths 20 ft 0.5% - 5.2% Gold/silver: across 10 ft widths 0.02-1.0oz/ up to 1.0oz ag. Apart from the occurrence of bornite over length of 500 ft, no lateral extent has been dev. for the other minerals.

Strike and Dip Biotite zone strikes 355 degs, near vert. dip. pegmatite veins strike N.E; and N.W.

Country Rock syeno-gabbro in contact with Wolf Ck sediments of Nicola group.

Present Known Extent and Possible Extensions Mineralization occurs over one mile of contact zone, exposed at intervals; the biotite dyke has been exposed continuously for length of 500 ft, has width of 250 ft at Friday Ck, which is north end, and a width of 25-50 ft, poorly exposed at south end near Nicola Sed contact. Old tunnels on Friday ck and one surface exposure indicate there were two or more sub/parallel biotite rich dykes .

Limiting Features erratic nature of gold and copper mineral deposition failure of mineralixation to extend north across Friday Ck.

Workings, Kind, Amount, Location and/or Diamond Drilling **4 caved adit tunnels on Friday Ck: one caved glory hole, same. Recent extensive stripping of the Biotite dyke for vert. extent of 150 ft and horizon tal length of 350 ft. 5 short DD holes drilled 1960. Recent work all concentrated on Dyke.**

Lengths and Frequency of Exposures **three exposures of dyke/over 500 ft main exposure approx 100 ft hor.: 75 ft vertical. This dykes has been stripped for 200 ft width: 15 tons 10-15% copper as bornite had sorted from 30,000 yds of stripping. (est)**

Known Commercial Sections **Nil**

Known Non-Commercial Sections **100 ft. hor length of dyke.**

Number, Dimensions and Grade of Ore Shoots Indicated **not known**

Possibilities of Developing Ore **In biotite dyke: slight possibility.**

Past Production, If Any **Nil**

Dividends, If Any **N/A.**

Other Significant Features in History of Property **Intrusive/gabbro contact stripped extensively for one mile by Phelps Dodge In 1958/59 Work indicated copper occurred in two areas over 100 ft lengths , av 0.5% Cu. Option dropped.**

Previous Examinations **July, 1960. Property examined recently by Dr A.C. Skerl, who recommended testing south end of property by stripping the contact area sampling, and drilling if warranted. Object would be to locate favorable mineralized volcanic bed in Nicola, not exposed on surface.**

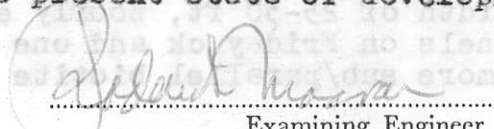
Reports, Plans or Other Sources of Information **Phelps Dodge geol map (sketch attached) assay results of samples taken in Biotite dyke.**

Reasons for Property Lying Idle **Surface snow conditions closed season( s work Nov 23rd.**

Relation to or Comparison with Other Properties in the District **minerals similar to Copper Mtn Mine on opposite or east side of Intrusive stock, where host rock for copper was a series of three tuff beds of Nicola Volc. This rock not located**

New Development (Since Last Examination) **on Friday Ck where mineralization confined to intrusive rock and dykes, and pegmatite veins in fractures in the Syeno-gabbro.**

Other Remarks **the platinum group metals are not indicated in commercial amounts: assays to date of the dyke for precious metals indicate erratic values, and bornite concentration has been shown to be non commercial in development to date. The property is not attractive in its present state of development.**

  
Examining Engineer  
**Roderick Macrae**  
Nov 16/17/60

Date of Examination

ACCESS

PMACCS

0.65 Au / 10.000

0.62 Au / 6.000

0.11

15 ton - 10 15/6 cu  
HAND SAVED

SOUTH FAN

FRIDAY CK

NIWOLA / INTRUSIVE  
CONTACT

ACCESS

Robert Moore

SKETCH  
FRIDAY CK DEVC  
PROSPECT

FIELD LOG  
A 2.04/5.0

X SYENO GORON

0.60/10

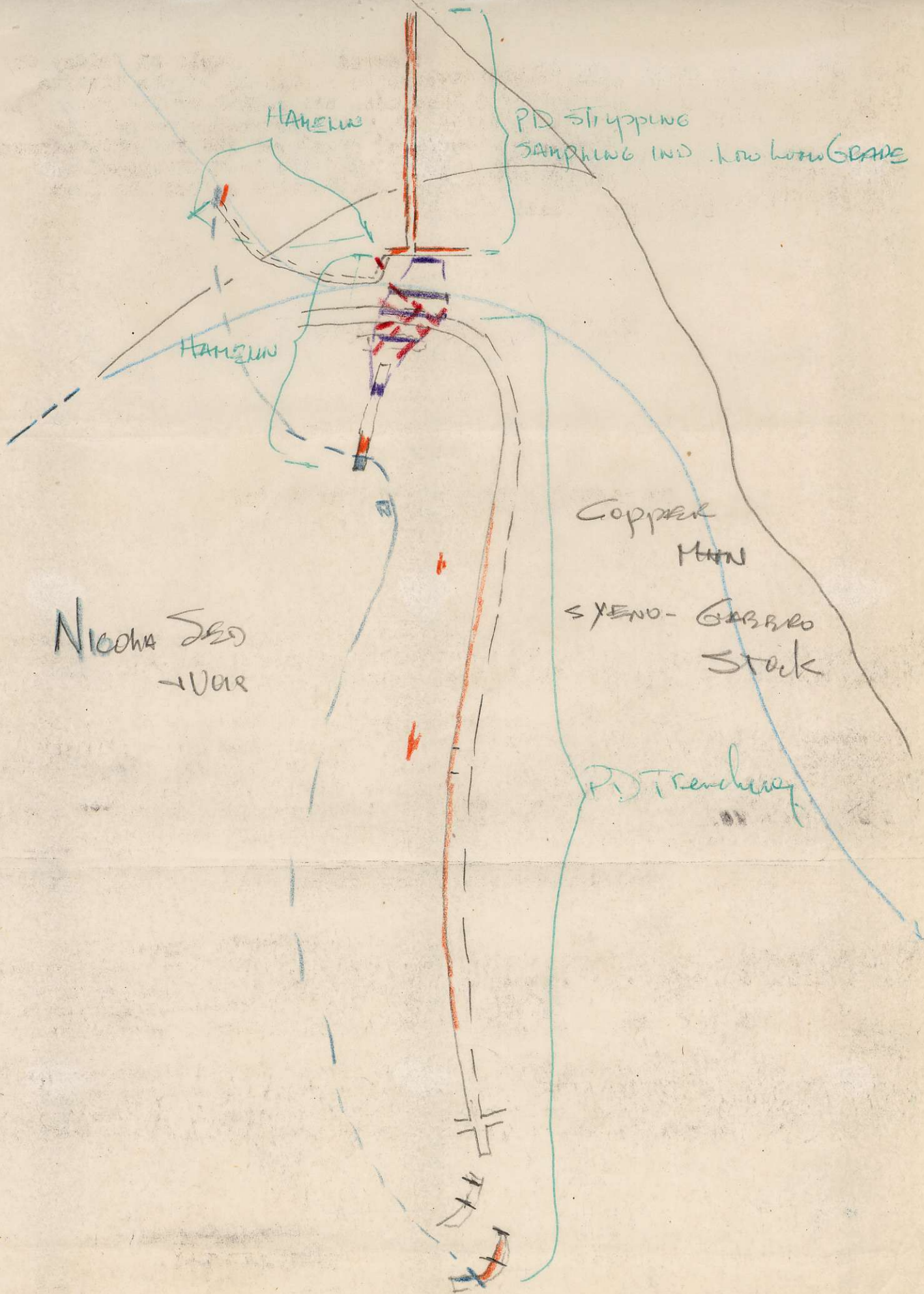
X NIWOLA WOLCK  
SEDIMENTS

INCL  
2-12/20

X BLOTTS N. 19  
VOLCANIC DYKE

FIELD LOG  
A 2.04/5.0  
0.12 cu

500 SCALE - Pink Field Log  
PEG MINE



HANGING

PID STRIPPING  
SAMPLING AND LOW LOW GRADE

HANGING

NICOLA SED  
- VAR

COPPER  
MIN

← XENO - GARRRO  
STOCK

PID TRENCHING

August 31, 1960

ROD MACRAE'S REPORT, FRIDAY CREEK PROSPECT

Enclosed is a sketch of trenching, sampling and a P.I.F. on this Prospect. The property held under option by Hamelin Company is for sale. Most of the extensive trenching shown in the sketch was done under option agreement by Phelps Dodge in 1958-1959. Phelps Dodge dropped the option after sampling indicated 0.5% Cu. and low precious metal content from some 250 samples. The Palladium content is erratic and check assays by Williams (Assayers) showed nil Palladium in samples taken to check the Provincial Government Assay results which gave up to 20 ozs. Palladium. One assay by Williams on a barite specimen gave 0.88 ozs. Silliams has another sample for assay (barite-grab) which he is checking for Palladium. - No results to date.

A recent examination was made in conjunction with an examination by Dr. M. Carr of B. C. Department of Mines and sent in by the Government to check the report of the Palladium find. Carr was not impressed by this prospect as a copper/palladium find. He recommended detailed mapping and careful check sampling.

Sherwin Kelly recently completed a spontaneous self-polarizing survey of the area on the north side of the prospect. This survey indicates (according to his map) a 200' wide zone striking N-S of potential mineralization.

Carr's brief mapping identified a probable association of mineralization with a cove of altered pyroxenite approximately 25' - 50' wide exposed in 3 locations over horizontal length of 400 feet striking approximately 350° azimuth. This appears to be the most likely place for further exploration. This area is shown in red on the attached sketch.

Hamelin is cutting more dozer trenches on the south side of Friday Creek to expose more locations for sampling.

The significance of the S.S.P. survey by Kelly is not known. Rock exposed in the area does not exhibit appreciable mineralization over 200 feet widths.

Opinion: There is a slight possibility of this deposit having economic (0.50 ozs) gold content over a width of 10 feet with 1 oz. silver. Any samples taken to test this possibility by Hamelin will be valueless since he is convinced that he has a large copper gold deposit and invariably samples over lengths of 25 - 150 feet.

A magnetometer survey of the possible extension of the

pyroxenite dyke could be done.

The palladium content is not significant, it is associated with bornite which is erratic in deposition. The gold content may be important (one assay taken by the writer gave 0.65 ozs. over 9.5 feet) and careful sampling when additional trenching is completed may give additional evidence of gold content.



Workings, Kind, Amount, Location and/or Diamond Drilling

**0.5 miles of surface trenching.: 500 ft of surface a-core drilling within past two years. Old u.g drifting now inaccessible.**

Lengths and Frequency of Exposures **four exposures over length of 400 ft on estimated north south strike.**

Known Commercial Sections **None**

Known Non-Commercial Sections **Not known**

Number, Dimensions and Grade of Ore Shoots Indicated **nil**

Possibilities of Developing Ore **not considered good**

Past Production, If Any **not known. It is likely there was a small production by original owners of hand-sorted bornite/chalcopyrite. No records available**

Dividends, If Any **N/A**

Other Significant Features in History of Property **Mineralization and geology are similar to the adjoining Deep Gulch property owned by Collishaw and assoc, Property is within 20 miles by road (3 miles by air) from Granby M.S. & Power Copper Mtn deposit, now closed down.**

Previous Examinations

Reports, Plans or Other Sources of Information **Memoir 243, Princeton map area.: Geol. map and assay plan by Keneco Explorations Ltd, airphoto of topography. Spontaneous self-polarization survey, recently conducted by Sherwin Kelly over two claims on main showing.**

Reasons for Property Lying Idle **requires further financing**

Relation to or Comparison with Other Properties in the District **Similar to adjoining Deep Gulch property on Friday Ck; Host rocks and feldspar pegmatites association similar to Copper Mtn orebody**

New Development (Since Last Examination)

Other Remarks **Main showing is exposed within 100 ft of contact between intrusives and Nicola Volcanic contact. Granby's Copper Mtn orebodies occurred in Nicola rocks associated with similar monzonite intrusive. Possibility that present exposures are satellite deposits of low-grade mineralization adjoining a mineable deposit of copper-gold in the Nicola Volcs, is the only possibility for this deposit considered likely.**

**Very thorough detailed mapping followed by trenching and drilling would be required to determine this possibility. Palladium content not important.**

Examining Engineer

Date of Examination

*July 20/60*

**PROPERTY INFORMATION FORM**

92/H

Date.....July 21st, 1960.....

Name of Property Hamelin Drilling Co Friday Ck prospect

Presented by (with address) Douglas F. Hamelin. Date July 19th, 1960  
1055 Eyrmont, West Vancouver B.C.

Location Friday Ck 49-120 S.W.; Princeton M.D. 12 miles from Princeton B.C.

Access Via Hope-Princeton Highway: via 2 mile cat -rd to dev. site

Claims Ilk Gp and 6 other claim groups totalling 50 claims and fractions

Ownership Mellins, Brothers, Princeton B.C., under option to Hamelin Drilling Co or one of its assoc. companies.

Summary of Outstanding Features Erratic occurrence of Palladium associated with bornite/ chalcopyrite in a syeno-monzonite similar to Copper Mtn Extensive carbonate of copper staining locally over lengths of 25 feet in bull-dozer cuts. Sampling indicates 0.02 Au; 0.43oz Ag; and 0.21% Cu. Palladium content is erratic; one assay gave 0.88oz from a hand-picked specimen

Opinions, Suggestions or Recommendations of Present Holder Further bull-dozer stripping followed by drilling.

Option Terms Not discussed: owner will take any reasonable offer.

Information is Based on examination, study of Kennco geol map and assay results and assay results of samples taken by owner (Hamelin.)

Nature of Deposit bornite /chalcopyrite deposition in fracture zone in syeno-monzonite rock associated with intrusion of pyroxenite ~~xxx~~ dikes approx 20 ft width and narrow (less than one ft) pink feldspar pegmatite dykes.

Mineralization Azurite, malachite, chalcopyrite, bornite with AU, Ag, Pd associated. Primary Cu minerals are minor and occur as pods up to thumb size. Extensive biotite occurs on contacts of pegmatite dykes.

Widths and Values across approx 100 ft widths: Au 0.02; Ag 0.43; Cu 0.21 indicated by recent ~~care~~ channel Palladium content not known.

Strike and Dip 355-05 Az approx 45 dip to ~~xxx~~ east.

Country Rock monzonite similar to Copper Mountain stock

Present Known Extent and Possible Extensions 400 ft horizontally; 200 ft vertically. possible extension not known on account heavy overburden

Limiting Features low values in copper, gold, silver.



CHIP SAMPLE  
 9.5 FT  
 Au 0.65  
 Ag 1.0  
 Cu 2.60 (Total)  
 Cu 2.00 (OXIDE)

NICOLA  
 VOLC.

Exposures  
 OF  
 SYENITE  
 MONZONITE  
 INTENSIVES

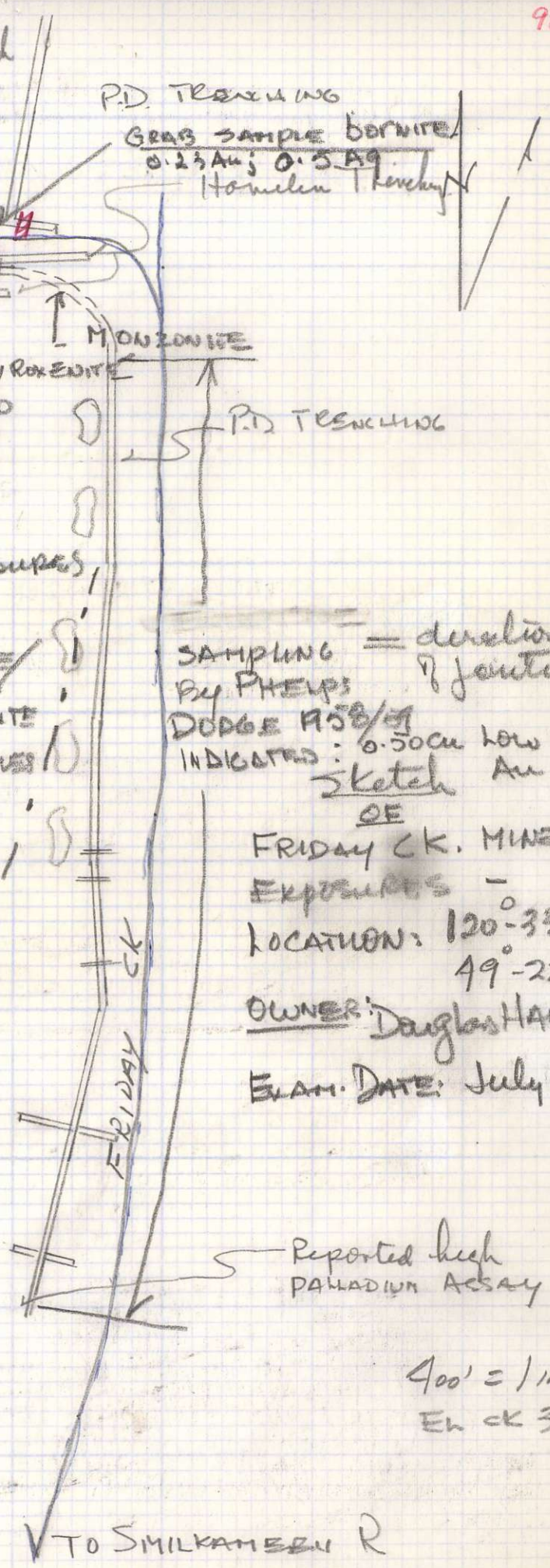
NOTE  
 GEOLOGY FROM  
 PHELPS DODGE  
 REGIONAL MAPPING

Access Rd

SAMPLING = direction  
 BY PHELPS P. Jentury  
 DODGE #58/9  
 INDICATES: 0.50cu low values  
 Au, Ag  
 Sketch

OF  
 FRIDAY CK. MINERAL  
 EXPOSURES -  
 LOCATION: 120°-33'-30"  
 49°-22'-00"  
 OWNER: Douglas HAMELIN  
 EXAM. DATE: July 21/60

Base Line



# INTER-OFFICE CORRESPONDENCE

92/H

FROM Mr. E.O. Chisholm  
TO Mr. R.M. Macrae

DATE 30 June 1960  
SUBJECT

✓  
ECC

## MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Rod:

The Western Miner reports in their June issue that Friday Creek Development Co. Ltd. cut sulphides that officially assayed 20.9 oz. Palladium, 7.14 oz. gold, 10.9 oz. silver and 52.6% copper. The values came from a solid sulphide vein on the Hope-Princeton Highway, 10 miles south of Princeton. Doug F. Hamelin, a graduate geologist and president of Hamelin Drilling Co. is in charge of the work.

Phelps Dodge did bulldozing and trenching on the showing last year, according to Dan Firth. It was too small for them and they dropped the property. The values were contained in a bornite vein from 1 to 2 feet wide and traced for 100 feet. No geophysical work was done. The vein is on a steep hill slope (30-40°), one mile from the highway. There is a bulldozer trail to the showing. Firth did not assay the bornite for Palladium, but he confirms the gold and copper values. He thinks that Friday Creek may have drilled it later.

He thinks the showing is of interest and when you get back to Vancouver it may be worth looking into further. The Palladium values in a bornite vein are certainly unusual from a mineralogical point of view, and perhaps there is a mistake here. Some of the silver may have been counted as Palladium.

ECC-dp

*E.O. Chisholm*  
E.O. Chisholm

(TO BE COMPLETED IN TRIPLICATE)

gobly

### INSTRUCTIONS FOR USE OF THIS FORM

Form to be completed in triplicate by originator. Two copies — No. 1 and No. 2 — to be forwarded to addressee. Copy No. 3 to be retained in originator's file until reply received. Addressee to complete reply in duplicate on reverse side of sheets 1 and 2 and return No. 1 to originator. In following this procedure both parties have the complete message and reply on one sheet of paper.

# INTER-OFFICE CORRESPONDENCE

A	N
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
W.S.R.	
G.A.C.	
G.H.M.	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.O.C.	
H.A.P.	
R.D.S.	
B.C.B.	
E.L.D.	
J.I.B.	
E.C.I.	

FROM Rod Macrae

DATE July 2nd, 1960

TO E. O. Chisholm

SUBJECT

### Reply

(TO BE COMPLETED IN DUPLICATE)

Dear Ted:

I inspected the Phelps Dodge work on Friday Creek about 18 months ago when they were stripping the showing. It seemed to me there was more than one two-ft vein.

I'll check on this one when I get into that area.

*Rod Macrae*  
Roderick Macrae



(TO BE COMPLETED IN DUPLICATE)

MESSAGE

INTER-OFFICE CORRESPONDENCE