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REPORT TO

VICTOR MINING CORPORATION LTD. (N.P.L.)

on the

GRANITE CREEK CLAIMS

Taseko Lakes Area, B. C.



March 26, 1969

E. A. Ramsay, P. Eng.  
W. Meyer, B. Sc.

920025-07

PROPERTY FILE

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SUMMARY:

Victor Mining Corporation Ltd. (N.P.L.) owns 24 claims 11 miles south east of Taseko Lake near the headwaters of Granite Creek.

Previous work on the prospect by a major mining company consisted of limited prospecting, hand trenching and one short diamond drill hole.

Numerous exposures of low grade copper-molybdenum mineralization occur in quartz diorite rocks between Granite Creek and the crest of the ridge to the east.

Higher grade copper mineralization occurs in shear zones in a large gossan zone near the summit between the Granite Creek and Griswold Creek drainage.

The area warrants a programme of detailed prospecting, sampling, geological mapping and diamond drilling to determine the extent and grade of the mineralization.

INTRODUCTION:

At the request of Mr. R. Sostad the following report was prepared covering the geology of the area, and

the prospect of finding mineralization on the N.W. and Bill Group of claims situated near the headwaters of Granite Creek in the Taseko Lake Area, Clinton Mining Division. A programme of exploration and the estimated cost is included.

The information in the report was based in part on Mr. W. Meyer's personal experience on the property in 1964 and in the general area from 1963 to 1965 when he was employed as a geologist by a major mining company.

The co-author of the report, Mr. E.A. Ramsay, has not visited the property, but has reviewed the information and notes supplied by Mr. Meyer and has studied the published data on the area.

LOCATION AND ACCESS:

The claim area is located approximately 11 miles southeast of Taseko Lake near the headwaters of Granite Creek (Fig.1). The group is centered on a small tributary of Granite Creek between Granite Creek and the summit to the east.

The claims may be reached by car via Williams Lake on Highway #16 and Hanceville on the Bella Coola road,

and thence by 4-wheel drive vehicle to Taseko Lake and south along Taseko River to Granite Creek. Present access to the claims from the mouth of Granite Creek is either by pack trail or helicopter.

CLAIMS AND OWNERSHIP:

The following is a tabulation of the claims held by Victor Mining Corporation Ltd. (N.P.L.) located in the Granite Creek area (Fig. 2):

<u>Claim Name</u>	<u>Mining Division</u>	<u>Tag No.</u>	<u>Record No.</u>
Bill # 1	Clinton	986031	
Bill # 2	"	986032	
Bill # 3	"	986033	
Bill # 4	"	986034	
Bill # 5	"	986035	
Bill # 6	"	986036	
Bill # 7	"	986037	
Bill # 8	"	986038	
Bill # 9	"	986039	
Bill #10	"	986040	
Bill #11	"	986041	
Bill #12	"	986042	
N.W. # 5	"	792149	16577
N.W. # 6	"	792148	16578
N.W. # 7	"	792151	16579
N.W. # 8	"	792150	16580
N.W. # 9	"	792159	16581
N.W. #10	"	792158	16582
N.W. #17	"	792167	16589
N.W. #18	"	792168	16590
N.W. #19	"	792169	16591
N.W. #20	"	792166	16592
N.W. #21	"	792191	16593
N.W. #22	"	792194	16594

GEOLOGY:General Statement:

Prospecting in the Taseko Lakes area in the past by major companies has been concentrated along the eastern flank of the Coast Range Batholith generally considered to be of Jurassic age. Early mapping and prospecting programmes recognized the association of copper and molybdenum mineralization with the intrusion of acid stocks and dykes of Upper Cretaceous or Tertiary age. Other types of deposits were also examined.

Of the many mineral occurrences in the area, two main types received most of the attention in the past. Relatively high grade copper-molybdenite mineralization occurs as fracture fillings and disseminations in altered breccia zones. The better grade occurrences are in the Granite Creek and Amazon Creek drainages. Examples of this type are the Spokane, Syndicate Mountain and Mohawk prospects.

The second and perhaps more important type is the disseminated copper-molybdenite occurrences in, and/or peripheral to, late acid stocks and dykes. These stocks and dykes occur along the east flank of the Coast Range where they intrude both the batholith and the adjacent

volcanic-sedimentary rocks. Mineralization is generally much more widespread although lower in grade than in the breccia zones.

The subject property at the headwaters of Granite Creek is of this latter type.

Local Geology and Mineralization:

The claim area is underlain by sheared, coarse-grained quartz diorite of the Coast Range Batholith (Fig. 3). The intrusive rocks are in turn intruded by numerous dykes of feldspar porphyry, lamprophyre and aplite. The majority of dyke material occurs along steeply dipping shear zones striking north to northwest. Scattered porphyritic acid dykes are intruded along shears striking approximately east-west. In the central portion of the claim area, dykes make up approximately 50% of the material.

The sheared quartz diorite rocks contain pyrite, chalcopyrite and molybdenite on fracture planes. Disseminated sulphide mineralization in minor amounts is encountered.

Chalcopyrite occurs with pyrite in minor amounts on hairline fractures to massive fracture fillings of one-half inch or more. Molybdenite occurs erratically

with chalcopyrite and pyrite, filling fractures and occasionally disseminated in the wall rocks. The mineralization has been found for approximately 3,000 feet in intermittent outcrops along the creek bed which bisects the claim group.

On the large, prominent limonite gossan zone near the summit between Granite Creek and Griswold Creek, a number of mineralized shear zones contain higher grade chalcopyrite and copper carbonates in bleached, earthy quartz diorite.

Near the crest of the ridge chalcopyrite and molybdenite occur with pyrite and silica associated with the intrusion of late acid dykes.

One drill hole completed in 1964 by a major company intersected copper values throughout its 190 foot length.

CONCLUSIONS:

The claim area covers an area of moderately altered, intensely fractured and faulted quartz diorite containing widespread copper and molybdenite mineralization.

The weathering and leaching on the high ridge



between Granite Creek and Griswold Creek is probably quite deep. The grade of copper and molybdenite in this gossan zone may well be higher than surface assays suggest.

Copper and molybdenum mineralization occurs over an area of approximately 1,000 feet by 3,000 feet with vertical relief of 1,000 feet.

RECOMMENDATIONS:

In accordance with the foregoing, the following programme, with estimated costs, is recommended:

Stage 1:

- |    |   |             |
|----|---|-------------|
| 1. | Complete 4-wheel drive access road from mouth of Granite Creek to claim group<br>120 hours @ \$30./hour | \$ 3,600.00 |
| 2. | Geologist 2 months to carry out detailed geological mapping, sampling and drill supervision             | 4,500.00    |
| 3. | Geological assistant<br>2 months @ \$800./month   | 1,600.00    |
| 4. | 2 prospectors for 2 months carrying out detailed prospecting and hand trenching of mineral occurrences  | 3,000.00    |

5.	Camp and cookery for 2 months	3,500.00
6.	Field tools and hardware	1,500.00
7.	Vehicle	2,000.00
8.	Assaying	750.00
9.	Air transportation	2,000.00
10.	Consulting	2,000.00
11.	Engineering and drafting	1,000.00
12.	Travel and communication	3,000.00
13.	Contingencies	6,500.00
14.	Administration	<u>4,000.00</u>
		<u>\$38,950.00</u>

Stage 2:

If the above programme is successful in outlining mineral occurrences of merit, a minimum of 2,000 feet of wire-line drilling should be carried out to test their grade and extent.

This programme is estimated  
to cost \$30,000.00

Total Stages 1 and 2 \$68,950.00

Respectfully submitted,

W. Meyer  
W. Meyer, B.Sc.

E. A. Ramsay  
E.A. Ramsay, P. Eng.

Vancouver, B.C.,  
March 26, 1969.



CERTIFICATE

March 26, 1969

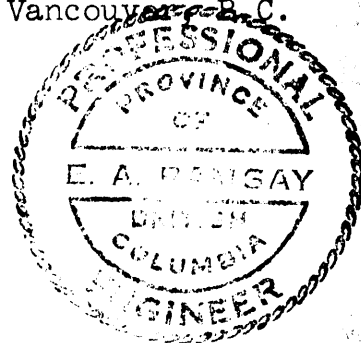
I, EDGAR A. RAMSAY, with residence in North Vancouver, British Columbia, do hereby certify that:

1. I am a consulting geological engineer.
2. I am a graduate of the University of British Columbia (B.A.Sc. Geological Engineering 1949).
3. I am a registered professional engineer of the Province of British Columbia.
4. From 1949 - 1966 I was engaged in sedimentary geological exploration and petroleum production. Since 1966 I have been engaged in mineral exploration.
5. I have not examined the Granite Creek property of Victor Mining Corporation Ltd. (N.P.L.) but have assessed all available data covering the area in which the property lies.
6. I have not received, nor do I expect to receive, any interest directly or indirectly in the properties or securities of Victor Mining Corporation Ltd. (N.P.L.) or any associated companies.

Respectfully submitted,

*Edgar A. Ramsay*

Edgar A. Ramsay, B.A.Sc., P.Eng.,  
North Vancouver, B.C.



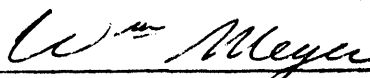
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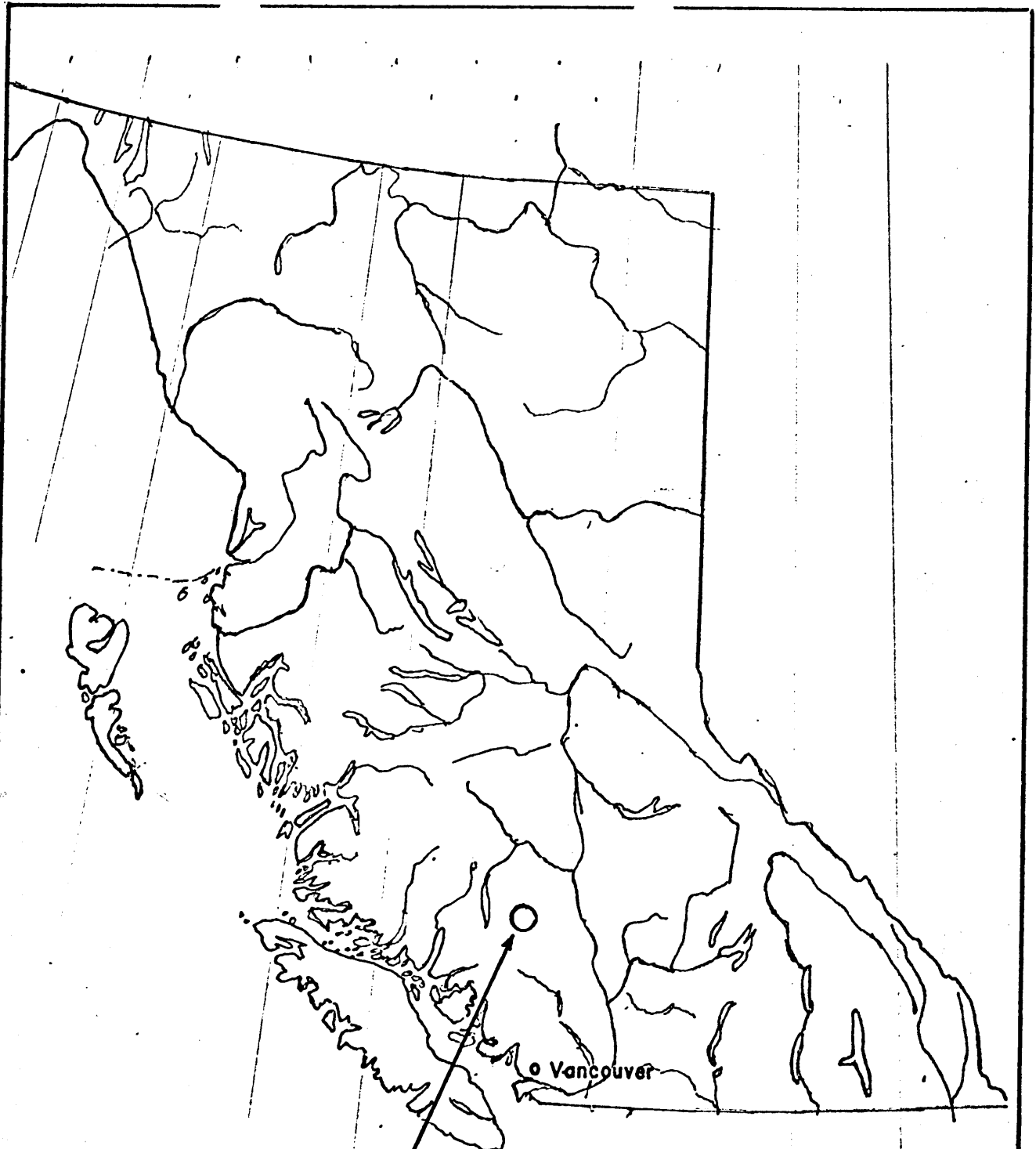
March 26, 1969

I, WILLIAM MEYER, with residence in Coquitlam,  
British Columbia,  
do hereby certify that:

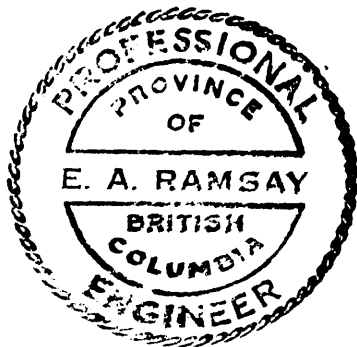
1. I am a geologist with residence at 555 Cochrane Ave., Coquitlam, B.C.
2. I am a graduate of the University of British Columbia (B.Sc. Physics and Geology 1962).
3. Since graduation, I have been employed as a geologist with Phelps Dodge Corporation of Canada (4 years), Gibraltar Mines Ltd. (1-1/2 years), Associated Geological Services (1/2 year) and Western Geological Services Ltd. (1 year).
4. During 1964 I carried out geological mapping and directed a prospecting programme on behalf of Phelps Dodge Corporation of Canada in the area described by this report.
5. I have not received, nor do I expect to receive, any interest directly or indirectly in the properties or securities of Victor Mining Corporation Ltd. (N.P.L.).

Respectfully submitted,

  
\_\_\_\_\_  
W. Meyer, B.Sc.



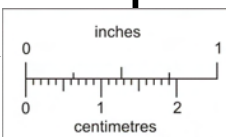
**GRANITE CREEK AREA**



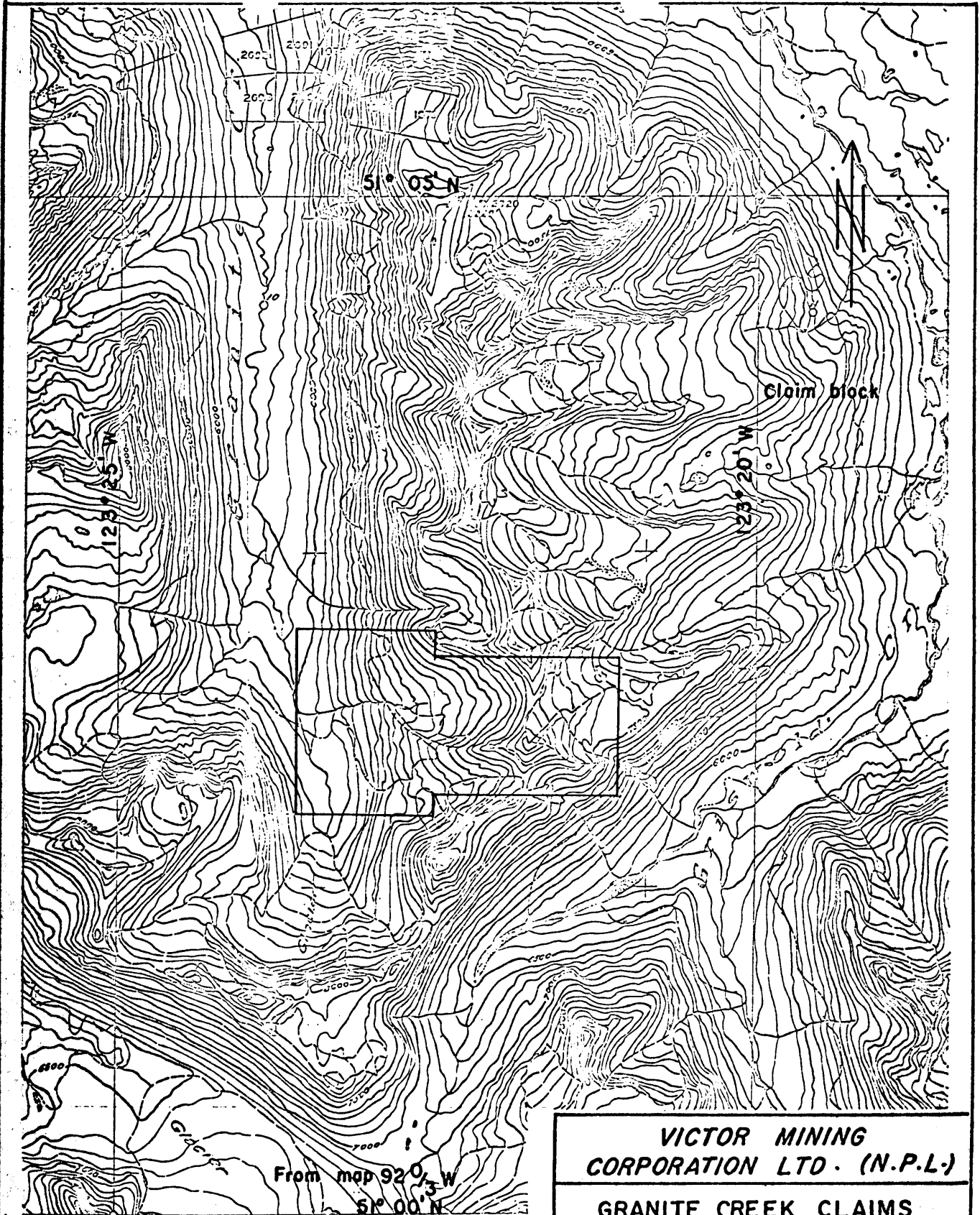
**VICTOR MINING CORPORATION LTD. (N.P.L.)**

**LOCATION of GRANITE CREEK CLAIMS**

**21-March-1969**



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**VICTOR MINING CORPORATION LTD. (N.P.L.)**

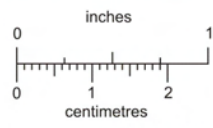
**GRANITE CREEK CLAIMS**

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**TOPOGRAPHY**

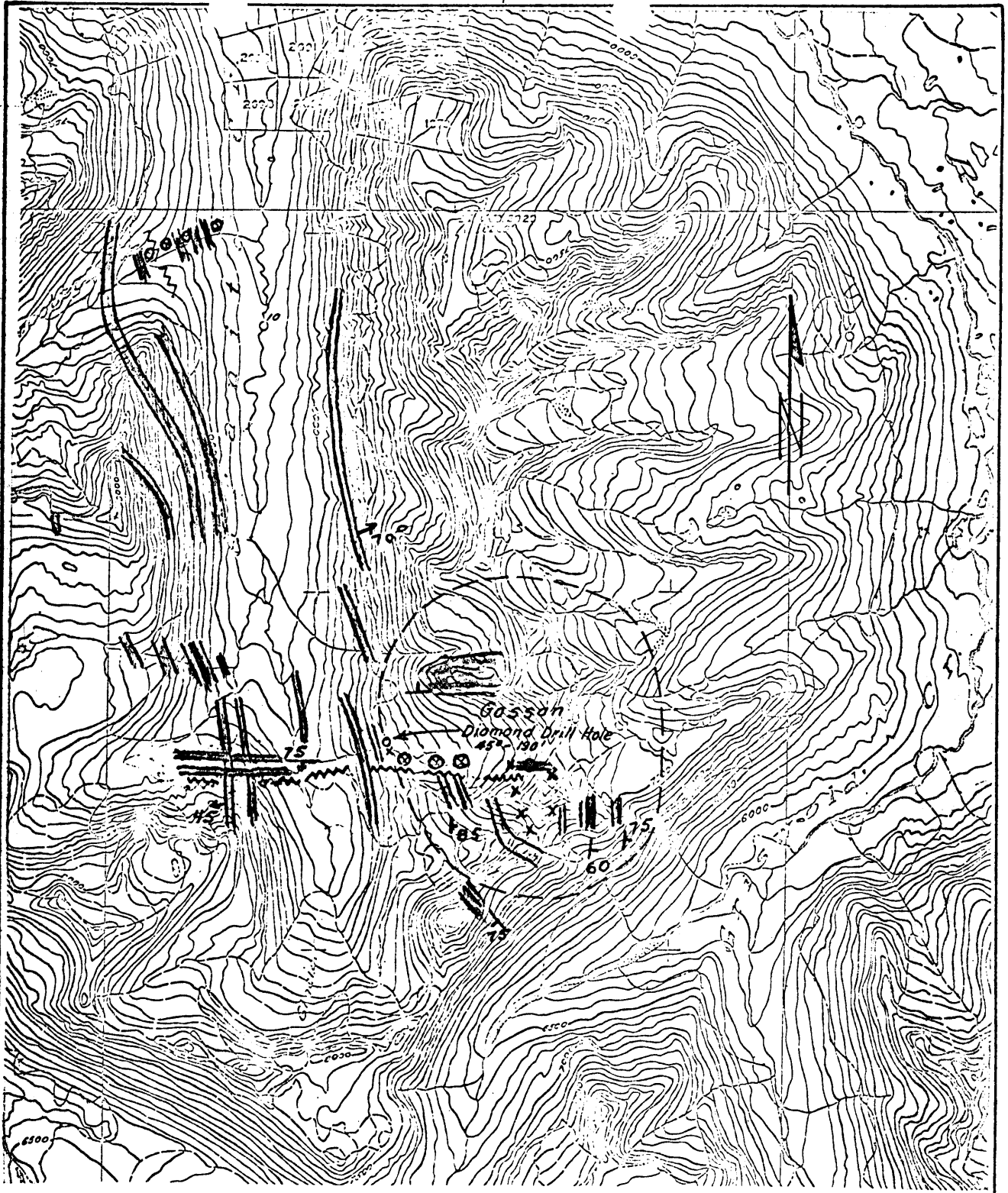
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**LEGEND**

	<b>Aplite</b>		<b>Attitude</b>
	<b>Lamprophyre</b>		<b>Fault</b>
	<b>Quartz diorite</b>		<b>Cu</b>
	<b>Feldspar Porphyry</b>		<b>Mo</b>

**VICTOR MINING CORPORATION LTD. (N.P.L.)**

**GEOLOGY**  
of  
**GRANITE CREEK CLAIMS**

**SCALE 1:50,000**

**21-March-1969**

