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N.T.S. 92-H-11

**REPORT
ON**

DRY CREEK AREA



New Westminster

MINING DIVISION

S. H. Pilcher

Vancouver, B.C.
August 23, 1968

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ON THE
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EXAMINED BY S. H. PILCHER
AUGUST, 1968

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LOCATION

N.T.S. 92H, approximately three miles northwest of Coquihalla on east slope of July Mountain. The property is accessible either from Hope (via private logging road - approximately 30 miles) or from Merritt (via the Coldwater Road - approximately 38 miles). Both roads are built on the abandoned C.P. railroad grade and can be traversed in 2-wheel drive vehicle.

OWNER

Owner of the claims is Steve Petkovich of 52 Yates Avenue, Chilliwack, B.C., telephone 795-5808.

EXAMINATION

The writer spent parts of two days on the property in the company of Mr. Petkovich.

CLAIMS

Mr. Petkovich holds the Lavern group, Julie group, and Lucky group and has the Hope group under option from Elmer Strom of Princeton (see sketch map). There has been overstaking and controversy over some of the ground in the area and the claim status is confused. The claims would have to be surveyed in order to clarify this matter. Some open ground apparently exists between the Hope and Julie groups. The ground between the Lavern group and Julie group is held by someone else.

GEOLOGY

The claim groups all lie in the vicinity of a contact zone between the Eagle granodiorite and a volcanic agglomerate. The granodiorite is a medium grained rock which exhibits moderate kaolinization in the area examined. The agglomerate consists of angular tuffaceous fragments in a tuffaceous matrix.

Hope Group

This group, formerly known as the Keystone and Coldwater groups, includes the Golden Ledge workings. These consists of a crosscut and an 800 foot drift along a N.40°E. trending vein. The vein dips 70° northwest and varies from a few inches to over three feet in width. It dies out at either end of the drift. The vein cuts both granodiorite and agglomerate, it being best developed in the granodiorite. Mineralization consists of pyrite, galena, sphalerite, and tetrahedrite in a gangue of quartz and rhodochrosite. Four samples cut across 5 - 12 inch sections assayed as follows. (Min. Mines, 193a, D-31).

Au.	0.06	-	0.16 oz.
Ag.	16.8	-	23.8 oz.
Pb.	2.1	-	6.5 %
Zn.	4.9	-	14.0 %

About 87 tons of ore were shipped in 1955.

This ground was optioned to Anaconda who in 1965-66 did mapping, trenching and geochemical sampling. The trenching extends east and northeast of the Golden Ledge portal for several thousand feet. The trenches expose both granodiorite and agglomerate heavily stained with iron and manganese oxides. At least part of this oxidized material is along northeast-trending structures.

Lucky Group

This ground contains the old Stenvold workings which are now inaccessible. The tunnel extended about 300 feet south from Dry Creek. It had 50 foot crosscuts at 230 and 255 feet.

According to Keith Fahrni who reported on the property in 1954, the entire workings were in granodiorite. The last 100 feet of tunnel contained some Pb.-Zn. mineralization along the contact zone of an andesite dike. Two samples cut by Mr. Fahrni assayed 0.2 oz. Ag., 0.5 - 2.9% Zn., tr. Pb. One two-inch vein sampled on the surface assayed 58 oz. Ag.

This property was optioned to Dorian Mines who in 1966 trenched and drilled 32 holes for a total of 6,662 feet. This work was all done on the slopes uphill to the south of the Stenvold portal. About ten east-west trenches have been cut, spaced at 100 foot intervals in a southerly direction. Most of these expose agglomerate with manganese staining and irregular Pb.-Zn. mineralization around the individual fragments.

The drilling cross-sectioned an area of about 650 ft. X 400 ft. which contains widespread but weak mineralization. The drilling cut both agglomerate and kaolinized granodiorite. There was no indication of a major structural control or attitude to the mineralization.

The assays which are available varied as follows.

Ag. 0.1 - 1.0 oz.
Cu. 0.06 - 0.16 %
Zn. 0.1 - 5.8 %

Lavern Group

Mr. Petkovich over the past three years has done a small amount of trenching and road building on this property.

The eastern-most showing is a strongly oxidized zone of fracturing and manganese staining in granodiorite. The structure appears to strike about N.40°W. and has been exposed over a width of four feet and strike length of 50 feet. About 300 feet to the northwest, a second area of manganese staining is present, though no structural control was determined. Northwest of this showing, about 200 feet, a 14 inch vein of manganese oxides crops out. This vein strikes nearly east-west and has a 90° dip. The surrounding granodiorite is kaolinized and heavily stained with manganese. Fifty feet further west the vein is exposed in a second trench as a 50 foot zone of manganese staining containing several two - three inch stringers of quartz carrying pyrite and chalcopyrite. One sample from this area is reported to assay 65 oz. silver. About 100 feet further to the west and approximately on strike another trench exposes heavily manganese stained granodiorite.

SAMPLES

Samples collected during the examination are as follows.

<u>Sample</u>	<u>Location</u>	<u>Assayed for</u>
92176	Golden Ledge - 18" seam of pyrite	Au., Ag., Cu.
92177	Grab Sample from Dorian Trenches	Pb., Zn., Ag.
92178	Grab Sample from Lavern Group; quartz stringers from 50 foot oxidized zone.	Pb., Zn., Ag., Cu.
92179	Grab Sample from Lavern Group; Vuggy, manganese-rich material.	Pb., Ag.

RECOMMENDATIONS

In view of the presence of rhodochrosite as gangue in the Golden Ledge, the widespread manganese staining in surface outcrop, and a few relatively high silver assays, this property is worth an E.M.-16 survey. This could probably be done in exchange for a rough survey of Mr. Petkovich's claims. If any major vein structures were found an option could be easily obtained, and a relatively small amount of trenching and sampling would indicate the ore potential of such structures.

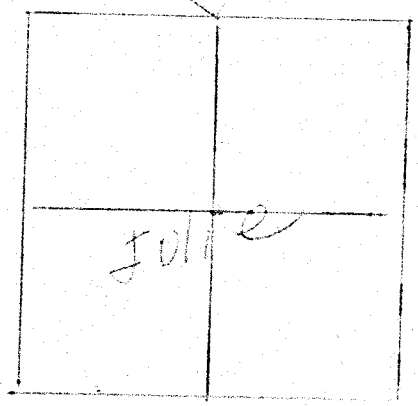
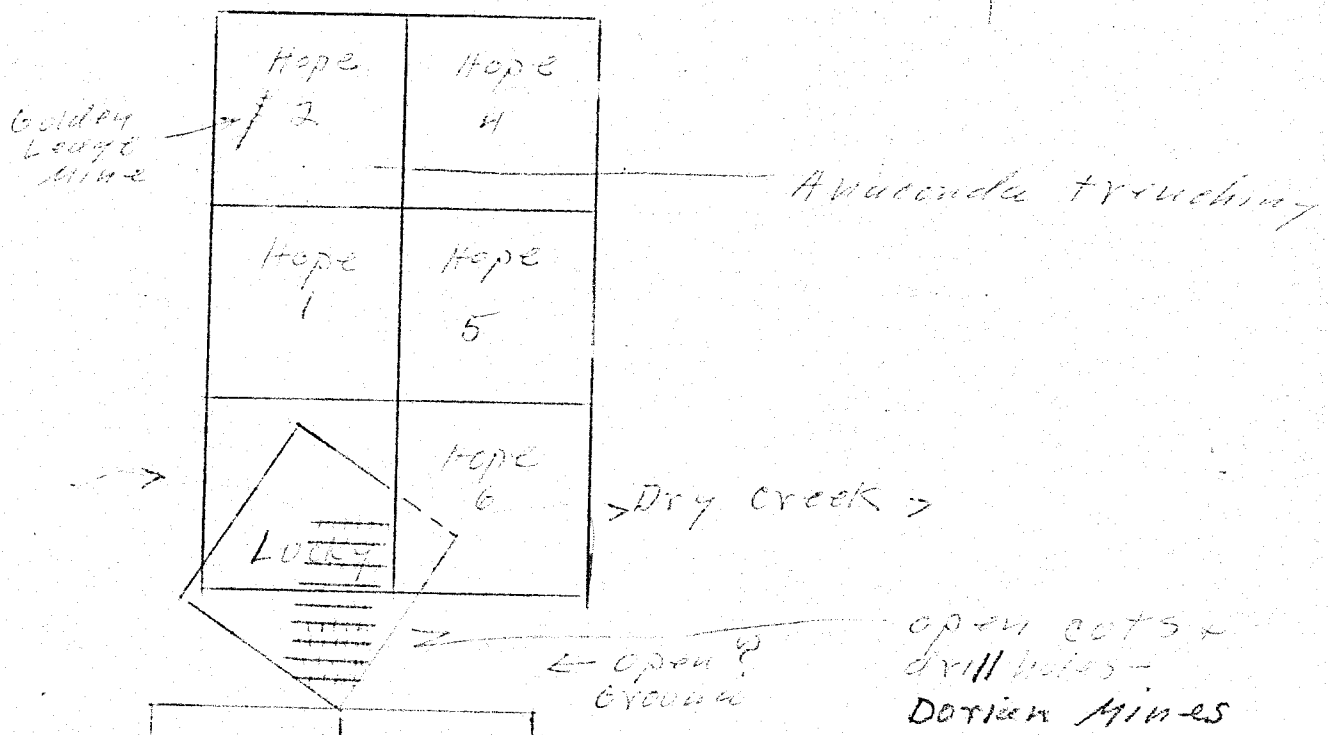
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Rooga Claim - Location Map

1" = 1500'



← Staked

Staked

