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ALADIN TRIO - OLD BILL, BETTEROLE
KATHY K -- NELLIE K -- NORTH STAR 1, 2, and 3

The most promising showing of ore is on the Trio Claim in an addit driven 29 feet under cover. It is approached by an open cut in solid rock 9 feet long. The course of the addit is north easterly which is also the direction of the strike of the ore body. While the dip is about 30° towards the northwest a shallow winze has been sunk from the left side of the addit.

PROPERTY FILE

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(This Claim is HELEN K now.)

It would appear as a result of the examination that the showings on the Trio Mineral Claim are sufficiently promising to warrant further development work, especially when it is considered that the vein system can be traced for about 900 feet striking in a North Easterly direction, also that the property is so easy of access by water.

By (s) William Fleet Robertson
Provincial Mineralogist

NORTH STAR GROUP, LASQUETI ISLANDNANAIMO M. D.

PROPERTY: The North Star Group consists of six claims, Helen, Kathy, North Star No. 1, North Star No. 2, North Star No. 3, and Lillian. These claims are recorded and registered in Nanaimo.

LOCATION: The North Star Group is located on Lasqueti Island 56 miles from Vancouver. The port of call at Lasqueti Island is False Bay and the claims lie within 1 mile of this port. One end of the group of claims straddles Dan Peg Island and the remainder stretching northeast onto Lasqueti Island. The claims lie very close to sea-level and transportation conditions are ideal.

GEOLOGY: The North Star Group of claims is underlain by hard brittle volcanic rocks. These volcanics are andesitic to basaltic in composition and in places show pillow structures. Some of the volcanics are amygdaloidal. At the Helen K shaft there is a narrow dyke of diorite. No dykes have been noted elsewhere on the claims. Where exposed in the old workings the volcanic rocks contain narrow eastwest fissures dipping for the most part at about 27 degrees north. The fissures contain fillings of chalcopyrite, pyrite, quartz, calcite and in some places bornite. In the North Star No. 1 tunnel a flat post-mineral fault displaces a vertical vein fissure about 6.0 feet.

On the North Star No. 2 claim a narrow quartz vein strikes North 45 degrees east and dips 85 degrees north. The quartz contains some epidote with minor amounts of pyrite.

Epidote is a common mineral present in the altered lavas and in the vein fissures of the North Star Group.

Values in the veins of the North Star Group are good and range between .16 oz. and .40 oz. per ton in gold, and between 0.34% and 10.55% in copper.

CEC/McD
May 10th/45

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