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REPORT:

Dolly Varden Mines Ltd.
912 United Kingdom Building
Vancouver 1, B. C.

The writer approached Mr. Peter Cromie, ^{President} on February ~~24~~^{1st} for permission to make an examination of the office reports, plans and sections of this mine. The ~~office~~ data was reviewed with ^P Mr. A. C. Sker/ on February ~~8~~⁶th.

The property consist of 60 mining claims situated in the Alice Arm Kitsaul River area north of Prince Rupert, British Columbia. There are four groups of claims comprising the total namely the Dolly Varden, The Wolfe, Torbird and the North Star claim groups.

The history of the Dolly Varden Mines/^{property} dates back to the 1920's, ^{IT} and is well documented ^{covered} in/British Columbia Department of Mines report, in 1952. Volume 54, of Economic Geology, 1959, pages 146 ~~to~~ 195 ~~also~~ contains a comprehensive report. The Western Miner Vol. 31, No. 5, 1958 is also worthwhile reading.

Mining Corporation of Canada mined ~~considerable~~^{one} silver during the 1950's. Most of the production of silver ~~at this time~~^{under} was contracted to Eastman Kodak Corp. In 1964, ^{the} Sunshine Mining Company, Idaho optioned the property, ^{They computed ore reserves but} failed to do any ~~serious~~^{much} development work ^{AS A result of} following a change in management and a subsequent legal action. ^{with Dolly VARDEN Mines.} ~~In 1967~~ Newmont Mining Corp. of Canada optioned the property in 1967 and dropped it later that year. Newmont spent considerable time ~~during the~~ ~~summer of 1967~~ mapping the surface and underground workings on the property.

Underground workings are as follows: Torbird ^{Ti} Mine has a shaft ^{to} 800 ft. ~~depth~~ with ^a ~~the~~ ²⁶ ~~wind~~ ¹⁵ below the elevation at a relatively flat angle. ^{Lateral} workings were cut at the 700, 800, 900, 1000 and 1150 elevations. The Wolfe

Mines has the main level at the 1500 foot elevation driven on the No. 2 vein. ^{with}
^{or}
~~Minor~~ ^{minor} amounts of drifting ~~were done~~ ^{work} the No. 1 and No. 3 veins. The North Star
^{has}
Mine, ^{most} of the development ~~was~~ done from an adit on the 1000 foot level.

METALLURGY

Metallurgical test work was carried out on a sample ^(size unknown) from the North Star and Wolfe ore bodies by Briton Research Laboratories Vancouver and ~~the~~ the Dept. of Mines and Technical Surveys at Ottawa. Wright Engineering Ltd., Vancouver ~~also~~ conducted a test project No. 373 as a preliminary metallurgical assessment of the Dolly Varden ores. The results of this investigation showed a concentrate could be made of lead and silver containing roughly 250 ounces of silver ~~and~~ with a recovery of about 86%. The assay of the ^h lead sample from this test work graded 8 ounces of silver.