

This is a continuation of the Dolly Varden Mines report:-

An ore reserve of about 1,250,000 tons averaging of about 8 ozs. of Sulphur plus small amounts of lead, zinc and cadmium has been calculated as follows:-

Dolly Varden:	50,000 tons.	Grade 20 ozs.
Wolfe:	600,000 tons.	8.2. ozs.
Tobrit:	360,000 tons.	7.5. ozs.
North Star:	240,000 tons.	7.9. ozs.
Cadmium:		.066% in the North StarOrebody.

Most of the mining which are around 20 ft.

METALLURGY

Metallurgical desk work was carried out on the North Star and the Wolfe Orebodies by Britton Research Laboratories, Vancouver and the Department of Mines & Technical Survey's, Ottawa. Right Engineering Limited also conducted Bolcheck No. 373 which was a preliminary metallurgical assessment of the Dolly Varden Ores.

Result of these investigations showed a concentrate of lead and sulphur containing roughly 250 ozs. of Silver would allow a recovery of 86%. The head sample graded 8 ozs.

UNDERGROUND WORK

The Tobrit Mine has a shaft to 800 ft. and the winze below this elevation at a flat angle. Underground levels were cut at the 700, 800, 900, 1,000 and 1150 elevations.

The Wolfe Mine has the main level on the 1500 elevation which was driven on the No. 2. vein. Minor amounts of drifting were done on the No. 1 and No. 3 veins. 100,000 tons grading 11.8 ozs. of Silver was developed on the No. 1 vein. 372,000 tons. grading 8.2. ozs. Silver on the No. 2 vein and 100,000 tons grading 8 ozs. on the No. 3 vein.

The North Star Mine: Most of the development was done on the 1000 level.

Dolly Varden Mine: A large amount of Underground development was done at the Dolly Varden.

Sunshine Mining Company: The Sunshine Mining Company estimated the ore reserves at the Dolly Varden Mine property as follows:-

7,146,656 tons of adgregate tons grading 3.9 ozs. of Silver. Of this 400,800,000 would be extracted by open pit.

The Bonanja claim on the North Side of the Tobrit Mine is owned by interest in Seattle, Washington. Dolly Varden is attempting to purchase this property but so far without success. Development work on the Tobrit would not be feasible without owning this claim.

NEWMARK MINING CORPORATION OF CANADA.

Newmark's spent considerable time during the Summer of 1967 napping, in detail the surface of as much of the underground purchase as possible at the Dolly Varden Mines property. It is believed that their estimates of oil reserve are somewhere to those of Dr. A. C. Schull, the electric steel option on this property at the end of 1967.