

NAME OF PROPERTY

TAM (SILVERTIP)

OBJECT LOCATED - symbol on Map 18-1968.

UNCERTAINTY IN METERS 500. Lat. 59°54'30" Long. 130°21'

Mining Division Liard District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Four mineral zones occur in faults and fractures along the crest of an anticlinal fold in limestone of the Middle Devonian McDame group; they lie west of the Camp fault, which is steeply dipping and northerly trending. East of the fault the carbonate rocks are overlain by the Upper Devonian Sylvester Group, whose lower part consists of about 500 feet of phyllite. Surface work indicated the presence of 4 parallel northeasterly trending gossan zones, containing residual galena, within a width of 700 feet; the zones are highly oxidized to a depth of at least 250 feet. The zones have been numbered consecutively from east to west, and of them the No. 2 and No. 4 zones seem the best. No. 2 zone is the largest and where exposed in trenching had a width of from 15 to 65 feet and a length of 700 feet. Samples across widths of 10 to 35 feet showed an average of 5.7 ounces per ton in silver, 6.2% lead, and 2.9% zinc; drilling indicated the sub-surface values were lower. The No. 4 zone contains a 40 foot oreshoot, exposed in the west drift of the upper adit. The average assay of 16 channel samples along this length, over a width of 5 feet was: gold, 0.02 ounce a ton; silver, 12.0 ounces a ton; lead, 14.5%. A low-grade section of this oreshoot was intersected in the lower adit, some 600 feet below. Exploration p.t.o. ...

Associated minerals or products of value - Lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property lies between elevations of 4,500 and 5,500 feet on the east side of the Tootsee River, 3 miles north-east of Tootsee Lake.

The showings were discovered in 1955 by A. Zborovszky & associates. The Silvertip group of 32 claims was staked in 1956 and optioned that year to Conwest Exploration Company Limited. The company drove two crosscut adits totalling 1,800 feet and completed 1,908 feet of diamond drilling in 11 surface holes, and 650 feet in 6 holes from the upper adit. The company relinquished its option in October 1957.

In 1958 a group comprising Canex Aerial Exploration Ltd., Noranda Mines, Limited, and Bralorne Mines, Limited, held the claims under option, and from the face of the lower adit carried out diamond drilling in 3 holes totalling 3,024 feet. In 1960 E.P. Chapman, Jr., of Chapman, Wood & Griswold Ltd., obtained a lease agreement on the property as agent for Peerless Oil & Gas Company. A geophysical survey was run over the property, but suitable drill targets were not found, and the agreement was terminated early in 1961. Later that same year Pegasus Explorations Limited optioned the property. Exploration work included further geophysical surveys, geological mapping, a geochemical survey, and 1,791 feet of surface diamond drilling in 5 holes; this work was completed in 1963 and the option subsequently dropped.

Rodstrom Yellowknife Mines Ltd. optioned the property in 1966 and completed 2,243 feet of surface diamond drilling in 4 holes. Silverknife Mines Ltd., incorporated October 1966, acquired the claims. Exploration work during 1967 included an airborne geophysical survey, and 500 feet of diamond drilling in 2 holes. Northern Comstock Mining Ltd., incorporated February 1968, optioned the property and during the year carried out a gravity survey, and 1,274 feet of diamond drilling in 2 holes.

The showings were subsequently restaked as the Tam 1-20 claims, owned by C. Buckland, F.A. Lang, and R.W. Hughes. In January 1974 Belmoral Mines Ltd. acquired an option to purchase the property. Work during 1974 included trenching and diamond drilling.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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*Beico Limited - 1980 - peckin
1983 - Conamax - 1524 m. dd.*

HISTORY OF PRODUCTION

REFERENCES

Holland, Stuart S.; Silvertip; Report of Minister of Mines, British Columbia, 1968, pp. 24-33.

Reports of Minister of Mines, British Columbia; 1958, p. 13; 1961, p. 6; 1962, p. 2; 1966, p. 17; 1967, p. 25.

Gabrielse, H.; Geology of Jennings River Map-Area, British Columbia; Paper 68-55, p. 34, Geol. Surv. of Canada, 1969.

Mineral Development Sector; Corporation Files: "Rodstrom Yellowknife Mines Ltd."; "Silverknife Mines Ltd."; "Northern Comstock Mining Ltd."; "Belmoral Mines Ltd."

Mulligan, R.; Metallogeny of the Region Adjacent to the Northern Part of the Cassiar Batholith, Yukon Territory and British Columbia; Paper 68-70, Table 1 and p. 8, Geol. Surv. of Canada, 1969.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1974, p. 352.

MAP REFERENCES

*Map 18-1968, Jennings River, (Geol.), Sc. 1:250,000 - Accomp. Paper 68-55.

*Map 104 0, Jennings River, (Topo.), Sc. 1:250,000.

Silvertip Group, Tootsee River, Drill plan map, Sc. 1": 300 ft., Fig. 3, Report of Minister of Mines, British Columbia, 1968.

DESCRIPTION OF DEPOSIT (continued)

work after 1960 was directed towards a search for bedded replacement deposits east of the Camp fault. Drilling on a geo-physical anomaly indicated sufficient mineralization, mainly pyrite, to explain the anomaly, but no mineralization of economic interest was located.

REMARKS

BCI 104 0 - 3.

Comp./Rev. By		DMacR	DMacR	DMacR			
Date	11-70	3-74	7-75	4-76			