

NAME OF PROPERTY TRIGGER, MT (COPPER MOUNTAIN)

HISTORY OF EXPLORATION AND DEVELOPMENT

OBJECT LOCATED - Mineralized zone.

The property is located at elevations of 6,500 to 7,000 feet at the head of a northeasterly flowing tributary of Gunn Creek,  $1\frac{1}{2}$  miles southwest of Trigger Lake and some 20 miles northwest of Bralorne.

UNCERTAINTY IN METRES 300. Lat. 51°00'10" Long. 123°08'10"

Mining Division Lillooet District Lillooet

County Township or Parish

Lot Concession or Range

Sec Tp. R.

The Copper Mountain group of 12 claims was under option in 1917 to J.M. MacKinnon of Vancouver. Annual assessment work during the period 1917-1920 was apparently confined to trenching.

OWNER OR OPERATOR

The Trigger and Trigger 2-4 claims were apparently staked on the main showings in the 1960's. The adjoining MT group, owned by H. Armes, C. Gunn and associates, of Williams Lake, was under option in 1967 to Northwood Mining Limited. Drilling in 4 holes totalling 364 feet was reported. The option was assigned to Trigger Lake Mines Ltd. in 1968.

DESCRIPTION OF DEPOSIT

Pyrite, chalcopyrite, magnetite, quartz, and calcite occur as fracture fillings in brecciated and fractured granodiorite of the Coast Range batholith. Average samples by the owners, prior to 1918, across widths of 20 to 100 feet of the surface rock gave results as follows: gold, trace to 40 cents; silver, 20 to 95 cents; copper 0.15 to 1.6 per cent.

Noranda Exploration Company, Limited held the Trigger group in 1970. Work during the year included a magnetometer survey over 2.75 line-miles, an induced potential survey over 1 line-mile, and a geochemical soil survey (54 samples). Work by Noranda in 1971 on the Trigger and MT groups included geological mapping, a geochemical soil survey (92 samples), an induced potential survey over 1 line-mile, an electro-magnetic survey over 5.9 line-miles, and diamond drilling in 6 holes totalling 4,436 feet, on Trigger, Trigger 3 & 4, and MT 8.

HISTORY OF PRODUCTION

REFERENCES

- +Camsell, Charles; Copper Mountain, Gunn Creek; Summary Report 1918, Pt. B, pp. 25-28, Geol. Surv. of Canada.
- Dolmage, V.; Gunn Creek Map-Area, British Columbia; Summary Report 1928, Pt. A, p. 88, Geol. Surv. of Canada.
- Reports of Minister of Mines, British Columbia:  
1917, p. 218; 1918, p. 232; 1919, p. 178; 1920, p. 167; 1922, p. 137; 1968, p. 160.
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 223; 1971, p. 328.

MAP REFERENCES

- Map 29-1963, Taseko Lakes, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.
- #Map 1741, Sketch Map of Copper Mountain, (Geol.), Sc. 1":1,600' - accomp. Report by Camsell.
- Gunn Creek Area, Lillooet District, Sc. 1":4 miles, Fig. 5 - accomp. Report by Dolmage.
- \*Map 92 0/3, Warner Pass, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By

DMacR

Date

11-79