

NAME OF PROPERTY / NOM DE LA PROPRIÉTÉ

DEEP GULCH

OBJECT LOCATED / OBJET LOCALISÉ

UNCERTAINTY / FACTEUR D'INCERTITUDE

Lat. 49°19'30" / Long. 120°33'30"

Mining Division / Division minière: Similkameen

District / District: Similkameen

County / Comté: [blank] / Township or Parish / Canton ou paroisse: [blank]

Lot / Lot: [blank] / Concession or Range / Concession ou rang: [blank]

Sec / Sect.: [blank] / Tp. / Ct.: [blank] / R. / R.: [blank]

OWNER OR OPERATOR / PROPRIÉTAIRE OU EXPLOITANT

Copper Mountain Consolidated Limited,
Hotel Princeton,
Princeton, B.C.

DESCRIPTION OF DEPOSIT / DESCRIPTION DU GISEMENT

The showings are located near the western margin of the Copper Mountain stock. The area initially explored by trenches is underlain principally by syenogabbro, or syenodiorite, and monzonite of the Copper Mountain stock, containing veins, streaks, and patches of pink orthoclase. A major fault is exposed in the trenched area, where it strikes slightly west of north, dips west at 45°, and contains about 5 feet of gouge. It separates syenogabbro or syenodiorite containing some pink feldspar veins and bornite from sheared and sericitized tuffs presumably belonging to the Nicola group. Numerous low-grade sections of mineralization are exposed in trenches, each of a width measurable in feet or tens of feet. The best mineralization is exposed in the southern part of the trenched area and consists of bornite and some chalcopyrite as lenses, veinlets, and disseminations accompanying pink feldspar. Sampling of a 50-foot length of one of the trenches reportedly revealed an average of 0.75% copper with 0.04 ounces of gold per ton.

HISTORY OF EXPLORATION AND DEVELOPMENT / HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The main showings are located at about the 4,000 foot elevation to the south of Deep Gulch creek, west of the Similkameen River.

Mineralized outcrops were discovered in this vicinity by J.W. Gallagher in 1952. The Deep Gulch Mining Syndicate was formed to acquire about 32 recorded claims and fractions in the Eva, Elm, Ash, Oak, Ivy, Gem, and Pat groups. Deep Gulch Mines Ltd. was formed in January 1959 to explore the property. Work in 1958-60 included diamond drilling and some 10,000 lineal feet of bulldozer trenching, geochemical and geophysical surveys.

The company name was changed in June 1960 to Copper Mountain Mines Ltd. Further diamond drilling, some of which was in the Copper Mountain stock and some in the adjacent Nicola rocks, was done in 1961; diamond drilling since 1958 totalled 3,028 feet in 16 holes.

The company name was changed in June 1961 to Copper Mountain Consolidated Limited. A geochemical survey was made in 1966. Kalco Valley Mines Ltd. in February 1971 optioned a 50% interest in the property.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Carr, J.M.; Deep Gulch Mines Ltd.; Report of the
Minister of Mines, British Columbia, 1959, pp. 53-54.

Report of the Minister of Mines, B.C.: 1960, p. 55;
1961, p. 56; 1966, p. 178.

Mineral Policy Sector; Corporation Files: "Copper
Mountain Consolidated Ltd."; "Kalco Valley Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, B.C., (Geol.), Sc. 1":4 miles - accomp.
Mem. 243.

Map 300 A, Copper Mountain Mining Area, B.C., (Geol.), Sc. 1":
1,000 ft. - accomp. Mem. 171.

Map 92 H, Hope, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	06-66	04-71					

BCI 92 H/SE-80.