

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

RAY

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Division minière	Similkameen	District District	Similkameen
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.		R. R.

Lat. 49°21'10" Long. 120°33'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is within the area underlain by the Copper Mountain stock. The showings occur on a rock bluff composed of strongly altered volcanic rocks and dark-grey to pink intrusive dykes. The volcanic rocks probably are andesites or basalts of the Nicola group. Rock alteration gives many rocks the appearance of a breccia. Veins, patches, and larger masses of altered rock are composed of a variety of minerals, including augite, biotite, scapolite, chlorite, epidote, and small amounts of quartz. Magnetite is unevenly disseminated and since it occurs locally in fractures, is partly an alteration product.

Most of the dykes strike northerly, dip fairly steeply westward, and are of syenodiorite porphyry. Each may be as much as 30 feet wide, and in some cases they occur close together. One distinctive pink dyke of latite porphyry about 10 feet wide strikes northerly and dips west at about 60°. Chalcopyrite and pyrite occur either together or separately as disseminations and fine seams in the altered rocks. Some of the best mineralization seen is close to the latite porphyry dyke, in drill core on the east side of the dyke and in out-

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

This property is located on the west side of the Similkameen River about 8 miles south of Princeton. The showings, lying north of the Red Buck property, occupy a steep southeast facing rock bluff which overlooks the river at elevations ranging from about 2,750 to about 2,950 feet.

Copper Mountain Consolidated Limited acquired the Ray group of 14 recorded claims and fractions. The main showings are on the Ray No. 3 claim and Ray No. 4 fractional claim, which are partly a restaking of the cancelled Homestake No. 2 claim (Lot 237) which was Crown-granted to Messrs. Johnson and Davidson in 1904. No record has been found of exploration work by the original owners.

During 1962 and 1963 exploration work by the company included bulldozer trenching above the bluff, construction of several ladders down the face, sampling the exposures, and diamond drilling 6 flat or gently inclined holes from set-ups at the foot of the bluff. Early in 1966 the company reached an agreement with Adera Mining Limited whereby Adera will begin exploration work on the property.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

crop on the west side. Other mineralized outcrops contain small pods of disseminated material which are localized in more extensive zones of orthoclase alteration.

REFERENCES/BIBLIOGRAPHIE

Carr, J.M.; Ray group; Report of the Minister of Mines and Petroleum Resources, British Columbia, 1963, p. 62.

Mineral Policy Sector; Corporation File: "Copper Mountain Consolidated Ltd."

Annual Reports, Dept. of Mines, B.C.: 1904, p. 299.

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						

BCI 92 HSE-106.