

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 H/7
RÉGION DU S.N.R.C.

REF. CU 6
RÉF.

NAME OF PROPERTY KENNEDY MTN., (LELA) (KAY) (CELTIC)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°21'30" Long. 120°34'
Lat. Long.

Mining Division Similkameen District Similkameen
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Similkameen Mining Company Limited,
890 West Pender St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The showings occur less than a mile from the west margin of the Copper Mountain stock. The area is mainly underlain by Nicola volcanic rocks, which are intruded by syenodiorite porphyry and latite porphyry. The volcanic rocks have been locally fractured in a general north-south direction, and the resulting breccia cemented by calcite carrying bornite, chalcopyrite, and a little quartz. One mineral zone near Kennedy Lake, as exposed by trenching, appears to be from 10 to 15 feet wide and about 100 feet long. A showing on the southern part of the Lela claim is mineralized with chalcopyrite and magnetite as veinlets and disseminations over a length of as much as 700 feet and a possible width of 200 feet.

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

This property is located on the east slope of MT. Kennedy, between the angle of the Similkameen River and Whipsaw Creek, some 7 miles southwest of Princeton.

The Celtic group of 6 claims, owned by Hugh Kennedy, was first reported on in 1919. Exploration work at this time consisted of surface trenching, open-cuts, and two short adits; Mr. Kennedy reportedly still held the property in 1923.

No further activity was reported until 1960 when Copper Basin Mines Ltd. began exploration work in the area. The company acquired about 30 recorded claims in the Kay, Jap, and May groups and optioned the adjoining Lela and Key West Crown-granted claims from The Granby Mining Co. Ltd. Exploration work in 1960 and 1962 consisted of trenching and several hundred feet of diamond drilling.

The Lela and Key West claims, lots 401 and 402, respectively, were part of a group of 63 claims which were acquired in 1966 by Newmont Mining Corporation of Canada Limited. Ingerbelle Mines Limited was incorporated in 1968 to carry out exploration work. During the year geological mapping, ground magnetometer, induced potential, and soil geochemical surveys were carried out over the whole property. In 1970 Ingerbelle Mines was merged with Similkameen Mining Company Limited under the latter name.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1919, p. 173;
1963, p. 62; 1967, p. 181; 1968, p. 208.

Rice, H.M.A.; Geology and Mineral Deposits of the
Princeton Map-Area, B.C.; Memoir 243, p. 89, Geol.
Surv. of Canada, 1947.

Mineral Policy Sector; Corporation File: "Copper Basin
Mines Ltd."

Cairnes, C.E.; Reconnaissance of Silver Creek, Skagit
and Similkameen Rivers, Yale District, B.C.; Summary
Report 1923, Pt. A, p. 79, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Map 889 A, Princeton, B.C., (Mining Properties), Sc. 1":
4 miles - accomp. Mem. 243.

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

Map 92 H/7, Princeton, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-66	09-72					