

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 94 E/2
RÉGION DU S.N.R.C.

REF. CU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CAIRN

OBJECT LOCATED - centre of Crown grants.
OBJET LOCALISÉ

UNCERTAINTY 600 m
FACTEUR D'INCERTITUDE

Lat. 57°04'
Lat.

Long. 126°49'50"
Long.

Mining Division Omineca
Division minière

District
District

Cassiar

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Mineralization occurs in fracture zones in limestone near the contact with granitic rocks of the OMINECA batholith. Two main zones of fracturing, which intersect each other at an angle of about 35°, carry important mineralization, the most promising deposit occurring at their intersections where upwards to 20 feet of ore was found. The principal mineralization is chalcopyrite with small amounts of sphalerite, associated with specular hematite, rhodochrosite, and actinolite in altered limestone and quartz. The best showing assayed 3.65 ounces of silver a ton and 7% copper over a width of 22.5 feet. Preliminary prospecting indicated ore over a distance of 400 feet. A considerable tonnage carrying 3% copper and about 3 ounces in silver, with slight gold values, was indicated.

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

The property is located on the east side of Duncan Mountain, east of the north end of Thutade Lake, some 140 miles northeast of Stewart.

The Cairn group of 12 claims was located by Cominco Ltd. in 1931. Assessment work during the period 1931-1934 was done in open cutting. In 1934 the important claims were surveyed for Crown-grants; the Cairn 1-4 claims (Lots 6001-6004) were Crown-granted to the company in 1935.

Quebec Cartier Mining Company carried out geological work on the property in 1970.

Pacific Ridge Res Corp (SMF 2/10/75)
Revised map.

Associated minerals or products - Silver, zinc.
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minière, ministère de l'Énergie, des Mines et des Ressources, Ottawa
503359 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Mineral Policy Sector; Corporation File: "Cominco Ltd." -
 Annual Reports 1931, p. 30; 1932, p. 24; 1933, p. 23.

Report of Minister of Mines, British Columbia: 1932, p. 86.

Mineral Deposit Inventory, Property No. 4843, British
 Columbia Dept. of Mines.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 94 E, Toadoggone River, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-68	03-74					