

PRODUCT ZINC
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 82 K/3
RÉGION DU S.N.R.C.

REF. ZN 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CALEDONIA

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 50°01'40" Long. 117°06'
Lat. Long.

Mining Division Slokan
Division minière

District Kootenay
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

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

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Blue Star Mines Ltd.,
360 Bay St.,
Toronto, Ont.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The principal lode on this claim is a mineralized fault fissure zone striking a little south of east and dipping to the south at about 75 degrees. It cuts across laminated, slaty rocks and several beds of limestone varying from 3 to 15 feet in thickness. These sediments strike northwesterly and dip southwest at an average angle of 70 degrees. Faulting along the hanging-wall of the lode has abruptly terminated both limestone and mineralization. Some scattered vein mineralization also occurs along the lode where the wall-rock is not limestone.

The ore has resulted mainly from replacement of the limestone and is composed of clean lenses of galena and mixtures of galena, zinc blende, and pyrite, in a gangue chiefly of vein calcite and siderite with, in places, a little quartz. The same limestone bed is exposed at the surface and has been traced northwesterly for several hundred feet, in which distance it is intersected by a number of small cross-fractures striking a few degrees east of north and carrying a little mineralization.

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

This property is located at the 3,200 foot elevation on the east side of Rossiter Creek about $\frac{1}{4}$ mile above its junction with Kaslo Creek.

The first shipment of ore from this property was reported in 1914. Intermittent small scale high grading operations were carried on by the owner, G.E. McCready, until 1956.

Canadian Minerals Limited obtained an option on the property in 1957. The two upper adits were extended before the option was dropped later in the year.

Caledonia Mines Limited optioned the property in 1958. Number 3 adit was driven to intersect the vein and the vein was drifted on for 100 feet before the option was dropped in October 1959.

The Northwest Mining Partnership, a private company with headquarters in Kellogg, Idaho, optioned the property from Mrs. G.E. McCready in May 1961. Stoping was carried out on No. 2 level and a raise from No. 3 level was begun. The option was dropped in 1962.

Development work consists of 3 adits and a number of surface workings over a length of 400 feet along strike and a vertical distance of 300 feet. Number 3 adit is a crosscut for 140 feet and a drift for 100 feet west and 250 feet east on the vein.

Blue Star Mines Ltd. began exploration work on the property in 1966. An ore shoot at least 85 feet long was discovered which grades 4.5 oz silver per ton, 5.8% lead and 8.5% zinc over an average width of 12 feet.

Associated minerals or products - Lead, silver, gold, cadmium.
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
509833 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1914-1962, 2,703 tons of ore were shipped from this property. From this ore 41 ounces of gold, 34,537 ounces of silver, 465,206 pounds of lead, 470,277 pounds of zinc, and 1,616 pounds of cadmium were recovered.

REFERENCES/BIBLIOGRAPHIE

- Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Memoir 184, p. 200, Geol. Surv. of Canada.
- Hedley, M.S.; Geology of the Whitewater and Lucky Jim Mine Areas, B.C.; Bulletin No. 22, p. 31, British Columbia Dept. of Mines, 1945.
- Annual Reports, Dept. of Mines, B.C.: 1951, p. 167; 1952, p. 172; 1956, p. 93; 1957, p. 52; 1958, p. 44; 1959, p. 67; 1961, p. 75; 1962, p. 79.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon, B.C., (Geol.), Sc. 1":4,000 ft. - accomp. Mem. 173.

Map 82 K/3 E, Roseberry, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

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

BCI 82K/SW-41