

PRODUCT
PRODUIT SILVER

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

BRITISH COLUMBIA

N.T.S. AREA
RÉGION DU S.N.R.C. 104 B/11

REF. AG 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ RAY, JOANN (Verrett Mtn.)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 56°42' Long. 131°07'
Lat. Long.

Mining Division Liard
Division minière

District Cassiar
District

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

Iskut Silver Mines Limited,
355 Burrard St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

At showing No. 2, stripping and trenching has partly uncovered beakrock and mineralization over an area about 130 feet long and up to 25 feet wide. The rock is mainly quartz-biotite schist, with the quartz and biotite in varying proportions. The foliation strikes northwest and dips southwest at 70 degrees. A crystalline limestone lens up to 2 feet wide with a strong faulted hangingwall contact is exposed in part of the cut. The limestone strikes NW and dips 80° SW. Another strike fault occurs in the schist a few feet from the footwall of the limestone. Sphalerite occurs as massive pods, dispersed in siliceous schists along the footwall of the limestone, and as thin stringers along the fault in the quartz-biotite schists. The sulphide is associated with quartz, biotite, muscovite, chlorite, and small amounts of garnet. A chip sample across a 3.4-foot width of mineralization assayed: gold, 0.02 ounce a ton; silver 0.2 ounce a ton; lead, 0.04%; zinc, 5.6%; cadmium, 0.03%. Cut No. 3 exposes massive sphalerite, chalcopyrite, galena, pyrite and quartz in an irregular lens or pod. A chip sample across 2.4 feet at the widest part of the mineralization assayed: gold, 0.53 ounce a ton;

Associated minerals or products
Minéraux ou produits associés

gold, lead, zinc, copper, cadmium

p.t.o.

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

The showings are located on the north side of the Iskut River, 3½ miles east of Twin River and 3 miles northwest of the mouth of Bronson Creek.

Iskut Silver Mines Limited, which was formed in June 1965, holds 34 recorded claims in the Ray and Joann groups. Work on the property in 1965 and 1966 under the direction of R.D. WESEMANN included geochemical soil sampling, ground magnetometer surveys, trenching and stripping, and 228 feet of packsack diamond drilling in 4 holes. The property was subsequently expanded to 68 claims in the Ray, Joann, and Grace groups. During 1970 Cerro Mining Company of Canada Limited carried out geolocial and geochemical surveys, and Iskut Silver carried out a detailed magnetometer survey on Joann 1 and Grace 6 claims. Amax Exploration, Inc., carried out geological mapping, and geochemical soil, silt, and water surveys in 1971.

Commonwealth Minerals Limited still held in 1978.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

silver, 51.6 ounces a ton; lead, 2.68%; zinc, 9.3%; copper, 8.92%.

Approximately $1\frac{1}{2}$ miles east northeast of the sulphide showings a trench has exposed magnetite with a little disseminated chalcopyrite. The magnetite is variably dispersed through an epidote-quartz-tremolite skarn. This showing is approximately 1,000 feet north of the contact of a syenite porphyry rock.

REFERENCES/BIBLIOGRAPHIE

Jeffery, W.G., Ray, Joann; Report of Minister of Mines and Petroleum Resources, British Columbia, 1966, pp. 34-37.

Kerr, F.A.; Lower Stikine and Western Iskut River Areas, B.C.; Memoir 246, p. 72, Geol. Surv. of Canada, 1948.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 37.

Mineral Policy Sector; Corporation Files: "Iskut Silver Mines Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 311A, Stikine River Area (South Sheet) (Geol.) Sc. 1":
2 miles - accomp. Memoir 246.

Map 104B, Iskut River, B.C. (Topo.) Sc. 1":4 miles.

REMARKS/REMARQUES

BCI 104 B - 76, 88, 89

Comp./Rev. By Comp./rév. par							
Date Date	11/67	10/74					