

PRODUCT GOLD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 104 M/9
RÉGION DU S.N.R.C.

REF. AU 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BIGHORN (LAWSAN)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 59°31'30"

Long. 134°28'30"

Lat.

Long.

Mining Division **Atlin**
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

The formation consists of Pre-Permian gneiss and schist, cut by quartz-porphyry and rhyolite dykes. Granitic rocks of the Coast Intrusions outcrop less than a mile to the west. The formation strikes northeast and dips to the northwest at angles up to 15°. The veins for the most part are lens-shaped and are practically everywhere conformable to the foliation planes of the enclosing rock. The lenses are divisible into two groups, formed at different times; of these the older veins are badly broken and faulted. From the limited amount of prospecting and assaying done it appears that the gold only occurs in economically important amounts in the newer veins, and that the older more broken lenses are practically barren. The lenses vary in width from 2 to 24 inches and in length from several feet up to 200 feet. The vein quartz carries pyrite, galena, and chalcopyrite, with occasional free gold.

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

This property is located at the 3,600 foot elevation on the west side of Bighorn Creek about $\frac{1}{2}$ mile downstream from the junction with Chicken Creek. The property was first staked in 1898, and having lapsed twice, was subsequently owned by several parties. In 1909 F. Lawsan & Associates staked the Big Horn group, consisting of the Big Horn, Little Bear, Gold Bird, Lucky Jack, Tye, and Bertha claims. A one-stamp-mill was installed in about 1910 and small scale development work was carried on for several years.

Two adits, known as the North and the Little tunnels, have been driven 55 and 30 feet respectively, and some open-cuts and trenches have been made.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

A recovery of over \$2,000 is reported to have been made from small tonnages of selected ore.

REFERENCES/BIBLIOGRAPHIE

Cairnes, D.D.; Portions of Atlin District, British Columbia, with special reference to Lode Mining; Memoir 37, pp. 96-99, Geol. Surv. of Canada, 1913.

Annual Reports, Dept. of Mines, B.C.: 1921, p. 77; 1933, p. 79.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 19-1957, Bennett, B.C., (Geol.), Sc. 1":4 miles.

Map 94 A, Taku Arm, Atlin District, B.C., (Geol.), Sc. 1":4 miles - accomp. Mem. 37.

Map 104 M/9 W, Fantail Lake, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

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| Comp./Rev. By Comp./rév. par | | | | | | | |
| Date Date | 10-66 | | | | | | |