

PRODUCT GOLD
PRODUIT

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

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

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SPOKANE (BIRDIE) (GOLD CUP)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 59°32'
Lat.

Long. 134°26'50"
Long.

Mining Division
Division minière Atlin

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 quartzite, gneiss, and schist. Granitic rocks of the Coast Intrusions outcrop a mile or so to the west. Mineralization occurs in a quartz vein striking east-west and dipping vertically or steeply to the south. A major fault strikes north-south at about the 4,000 foot elevation, displacing the vein about 250 feet horizontally. The vein, varying in width from 2 to 6 feet and averaging 3.5 feet, is adjacent to a dyke of possible andesitic type. The quartz is sparsely mineralized with pyrite, galena, sphalerite, and in places carries values in gold.

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

This property is located on the east side of Mount Lawson, the claims extending up the slope from Bighorn Creek between elevations of 2,600 and 5,000 feet.

The showing was discovered in 1898 and staked as the Birdie and Gold Cup claims, owned respectively by Wm. Powell and F. Lawson. Underground development work was begun in two adits.

The property was apparently abandoned and in later years restaked as the Spokane group, consisting of the Spokane, Mohawk, and Edwin claims. In 1921 the property was owned by Mrs. Lawson & associates, who apparently carried out further development work at this time.

Norgold Mines Ltd. acquired the property from Mrs. Lawson & associates early in 1934 and staked an additional 10 claims. The company name was changed later in the year to Atlin Pacific Mining Co. Ltd. The property was enlarged to 39 claims and a program of exploration and development begun. Bojo Mines Ltd. assisted in the exploration work from late in 1934 to February 1935. The results of the underground work were discouraging and the mine closed in 1935 or 1936.

About 2,000 feet of development work has been done in 4 adits over a vertical range of 1,500 feet. In the Blacksmith adit, at the 3,540 ft. elevation, an orebody 120 ft. long and 4 ft. wide with an average content of 0.42 ounces of gold per ton is reported to have been opened up.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1921, p. 78;
1933, p. 79; 1934, p. B. 34.

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

Mineral Policy Sector; Corporation Files: "Atlin Pacific
Mining Co. Ltd."

Mines Branch, Ottawa; Ore Dressing & Metallurgical
Investigation No. 611; Gold Ore From the Atlin Pacific
Mining Co. Ltd., Bighorn Creek, Atlin Mining Division,
B.C.; Report No. 763, January to June 1935, pp. 11-16.

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

Comp./Rev. By
Comp./rév. par

Date
Date

10-66