

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 104 B/1
RÉGION DU S.N.R.C.

REF. AU 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

WOODBINE, BLUE JAY

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Skeena
Division minière

County
Comté

Lot

Sec
Sect.

Lat. 56°03'40"

Lat.

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 130°02'

Long.

Cassiar

District
District

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock consists of quartz and feldspar porphyry, and some volcanic rock which may occur as inclusions in the porphyry. The whole assemblage is cut by several large granitic dykes striking northwest. These rocks are within what has been frequently referred to as the "Premier northwest mineralized zone", which is a wide zone extending from the southwest end of the Silbak Premier workings to the Woodbine showings and along which a number of large exposures of silicified and slightly mineralized rock have been found. Widespread pyritic mineralization is apparent. In certain areas there appears to be a tendency for the mineralized sections of the porphyry to trend northeasterly with a westerly dip. A silicified and mineralized zone outcropping above the upper Woodbine adit is 20 feet wide, strikes northeast, and dips about 60° northwest. Mineralization consists of disseminated pyrite, quartz and pyrite veinlets, and one rib contains a considerable amount of sphalerite and galena. The lower adit discloses a large area, 900 feet long in a northeasterly direction and about 400 feet wide, that is mainly silicified and pyritized porphyry, but consists in part of silicified green rocks that may be volcanic

p.t.o.

Associated minerals or products
Minéraux ou produits associés

- Silver, lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located on the west side of the Cascade River near the British Columbia-Alaska boundary and adjoins the Silbak Premier property on the west. The Vancouver group adjoins to the north and the Blue Jay group adjoins to the south.

The Woodbine and Kitchener claims (Lots 4045 & 4046) were owned and prospected by D. O'Leary and C. Lake. During 1919 the claims were held under bond by W.A. Meloche. In the Spring of 1920 the claims were optioned by The Algonican Development Company, Limited and about 1,200 feet of diamond drilling done before the option was dropped later in the year. The claims were Crown-granted to O'Leary and Lake in 1922.

New York interests bonded the Woodbine and the adjoining 10 claim Vancouver group and in 1923 formed Premier Extension Gold Mining Company, Limited to take over the bond, however, no work was reported by the company at this time. During 1925 the Woodbine, Woodbine Fraction, and Kitchener claims were under option to the Alaska-Canadian Consolidated Gold Mines, Limited. Exploration work by the company was done in open cuts and a short adit.

The Vancouver group was divided in 1926, part of it remaining with Premier Extension, and the rest of the claims, along with the Woodbine group, were optioned to other interests who, in February 1927, formed Woodbine Gold Mining Company Limited. The 7 claims and fractions acquired by the company were the Vancouver, Vancouver No. 1, Woodbine, Kitchener, Woodbine Fraction No. 1, Premier Fraction No. 2, and A.C.C. Fraction. The upper adit was driven as a crosscut to prospect No. 2 vein 80 feet below the outcrop but failed to intersect the vein. The lower adit, on No. 1 vein, is about 3,000 feet long, including drifts and crosscuts. Development work, when operations were suspended in July 1929 totalled about 1,600 feet of crosscutting, 1,200 feet of drifting, 90 feet of raising, and a 70 foot inclined winze. A diamond drilling program was begun in October 1929 and continued into January 1930. Underground work began in August to check the drill results was suspended in October 1930 due to inadequate pumping facilities. The underground work found nothing of commercial importance at that time except a few small isolated lenses containing a commercial grade of ore. The company is reported to have lost the property to the original owners, C. Lake and associates, in 1932.

p.t.o.

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
504427 *

STORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1929, 5 tons of ore were shipped from the Woodbine group. From this ore 8.0 ounces of gold, 80.0 ounces of silver, and 292 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Department of Mines, British Columbia: 1919, p. 80; 1920, p. 60; 1922, pp. 85, 354; 1923, p. 86; 1925, p. 100; 1926, p. 101; 1927, p. 98; 1928, pp. 113, 114, 425; 1929, pp. 108, 432; 1930, pp. 112, 359.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 153, 170, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation File: "Woodbine Gold Mining Company, Limited".

Grove, Edward W.; Geology and Mineral Deposits of the Stewart Area; Bulletin No. 58, p. 169, British Columbia Department of Mines, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

Geological Map of the Stewart Area, Sc. 1":½ mile, Fig. 3, Sheet B - accomp. Bulletin No. 58.

Stewart Area, Crown-grant claim map, Fig. 15 B - accomp. Bulletin No. 58.

Map 104 B, Iskut River, B.C. (Topo.), Sc. 1:250,000.

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

The sale of the property to Missouri Ridge Gold Mines Ltd. was reported in 1934.

The Blue Jay claim (Lot 3225) was Crown-granted to W.H. Cooper and Helen Flewin in 1917. The Blue Jay, Bluebird, and Club Fraction claims, owned by C.L. Watson, and J.A. Barrett, were acquired by Blue Jay Gold Mining Co., Limited in 1928; no development work has been reported.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

and it is also crossed by granite dykes. Picked samples are reported to contain high values in gold.

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Date	03-67	10-74					