

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 104 K/12
RÉGION DU S.N.R.C.

REF. AU 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SILVER BIRD

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 58°41'20"
Lat.

Long. 133°40'
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 country rocks are Palaeozoic quartzite, argillites, and crystalline limestones, overlain unconformably by the Stuhini volcanic rocks. They lie on the west flank of the Tulsequah syncline. The volcanic rocks are sheared and altered over widths of from 200 to 1,000 feet. Two main showings have been found: one is a northerly trending fracture along Sulphide Creek. There has been considerable shattering along the fracture and in places it carries some gouge-like material. In others it is filled by a quartz-cemented breccia highly mineralized with arsenopyrite, together with some pyrite and stibnite. The arsenopyrite occurs as disseminated crystals up to ½ inch long. The stibnite is usually fairly massive and irregularly distributed, and forms veins with quartz and other minerals. Values of \$8 to \$24 in gold to the ton are reported, however, the vein is relatively short, and a foot or less in width. Its wall-rocks are impregnated with arsenopyrite and carry up to \$2 a ton in gold.

The other showing is a mineralized shear zone on Middle Creek, about 1 mile to the northwest in the Palaeozoic rocks. The shear zone is 3 to 5 feet wide and consists of a silicified

p.t.o.

Associated minerals or products - Antimony.
Minéraux ou produits associés

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

This property is located on the southern flank of Whitewater Mountain about 3 miles southwest of the Polaris-Taku property. The showings lie at the 1,100 to 1,400 foot elevations on the north side of Wilms Creek.

Late in 1931 the mineralized zone was discovered by R.G. Wilms & associates who staked 20 claims in the Silver Bird, Mineral Mountain, and Golden Star groups. The property was optioned to the Alaska Juneau Gold Mining Company, who carried out some trenching on the shear zones. No further work was reported and the property lay idle for a number of years.

The South Slope group of claims was located on the showings in 1940 by Messrs. Bacon, MacDonald, and Smith, however, no development work was reported at this time.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

zone containing pyrite and arsenopyrite. A sample from the zone assayed: gold, 0.15 ounces; silver, 0.2 ounces a ton.

In both showings the sulphides are confined to narrow bands that represent very limited parts of the altered zones.

REFERENCES/BIBLIOGRAPHIE

Kerr, F.A.; Whitewater Gold Belt, Taku River District, British Columbia; Summary Report 1932, PT. AII, pp. 16, 25-27, Geol. Surv. of Canada.

Kerr, F.A.; Taku River Map-Area, British Columbia; Memoir 248, pp. 63-65, 69, 72, Geol. Surv. of Canada, 1948.

Annual Reports, Dept. of Mines, B.C.: 1921, p. 62; 1947, p. 68.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 931 A, Taku River, B.C., (Geol.), Sc. 1":2 miles - accomp. Memoir 248.

Map 104 K, Tulsequah, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-67						