

NAME OF PROPERTY MATILDA, BLUE RIBBON, FOX (GOLD REEF),
NOM DE LA PROPRIÉTÉ (PROGRESS)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Skeena
Division minière

County
Comté

Lot

Sec
Sect.

Lat. 55°45'

Lat.

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 129°35'20"

Long.

Cassiar

District
District

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is mainly fine-grained fragmental volcanic rocks, and crystalline rocks that are probably mainly intrusive. Inclusions of argillite are fairly common. The rocks have been sheared, and, where shears are closely spaced, mineralized zones occur. Two showings have been described on the Blue Ribbon group: on one open cuts expose a quartz vein several feet wide mineralized with pyrite, galena, and sphalerite; the other showing is a large argillite inclusion that has been severely deformed and crushed. The argillite contains pyrite and many veinlets of calcite containing chalcopryrite, pyrite, and galena. On the Matilda claim a brecciated zone strikes west-northwest and dips about 65° north. The zone is up to 30 feet wide and consists essentially of fragments of felsite cemented by quartz, calcite, pyrite, chalcopryrite, galena, and sphalerite. A sample across 30 inches assayed: gold, trace; silver, 1.0 ounces a ton; lead, 3.9%; zinc, 12.8%. Other veins farther south, probably on the Gold Reef No. 1 claim, are about 1 foot wide. They consist of quartz, carbonate, pyrite, and minor amounts of chalcopryrite, galena, and sphalerite.

Associated minerals or products - Gold, silver, lead, zinc.
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

A number of showings are located at about the 4,000 foot elevation on the west side of the head of the Kitsault River about $\frac{3}{4}$ mile west of the foot of Kitsault Glacier, and 19 miles north-northwest of the community of Alice Arm. The showings were originally covered from north to south by the Blue Ribbon group, the Matilda claim, and the Fox group. In later years the showings were restaked as the Gold Reef and Progress claim groups. The claims adjoin the Homestake property on the west and south.

The showings were originally staked in about 1916. The Blue Ribbon group, consisting of the Silver Tip, Silver Tip Fraction, Blue Ribbon, and Mountain Goat claims, was owned by J. Fiva and H. Ness, of Alice Arm; the Matilda claim was owned by A.E. Smith, of Alice Arm; the Fox and Fox Fraction claims were owned by Oscar Flint. Yearly assessment work was done in open cuts and short adits.

The Kitsault River Mining and Development Company, Limited, formed in December 1924, acquired the Silver Tip Fraction, Blue Ribbon, Mountain Goat, Matilda, Elk, Martin, Fox, and Fox Fraction claims. Some work was reported by the company in 1925, in 1927, and in 1930. The workings include open cuts, one drift adit 30 feet long, and two crosscut adits 17 and 15 feet long. Some of the claims were subsequently permitted to lapse.

The Gold Reef Nos. 1-5 claims and fractions, owned by Oscar Flint and associates of Alice Arm was a restaking of some of the above ground. Open cutting and stripping was reported on these claims in 1934 and 1935. Some of these claims subsequently lapsed.

In 1951 the Gold Reef No. 1 claim along with the Progress Nos. 1-8 claims, which were partly a relocation of the Matilda and Gold Reef claims, were owned by A.F. Smith, of Vancouver. No work was reported at this time.

Black, J.M.; Gold Reef; Report of Minister of Mines, British Columbia, 1951, p. 86.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 56, 71, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia:
 1918, p. 65; 1921, p. 50; 1925, p. 75; 1926, p. 83;
 1927, p. 78; 1930, p. 99; 1934, p. B 15; 1935,
 p. B 26.

Mineral Policy Sector; Corporation Files: "Kitsault River Mining and Development Company, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geology of Upper Kitsault Valley Area, Sc. 1":2,250 feet,
 Fig. 1, Report of Minister of Mines, British Columbia,
 1951, p. 79.

Map 1901, Upper Kitsault Valley, B.C., (Geol.), Sc. 1":3,000 feet
 - accomp. Summary Report 1921, Pt. A.

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

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-68						