

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 93 M/5
RÉGION DU S.N.R.C.

REF. AG 8
RÉF.

NAME OF PROPERTY BABINE
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°16'45" Long. 127°33'20"
Lat. Long.

Mining Division Omineca
Division minière

District Cassiar
District

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

At elevation 2,000 feet a 15-inch quartz vein strikes S50°W and dips 65° southwest along a fault fissure in grey, coarsely crystalline granodiorite. The mineralization, as seen on the rock dump at the portal of the adit, consists of banded sphalerite and galena in a quartz gangue with a little chalcopyrite. A 15-inch channel sample taken across the vein in an open cut assayed: gold, trace; silver, 2.27 ounces a ton; lead, 2.65%; zinc, nil. Roughly 500 feet farther east another quartz vein occurs in the granodiorite. Some of the granodiorite from the adit on this vein is sheared and altered, and is impregnated with fine seams of pyrrhotite. A sample of ore representative of a small amount scattered on the dump assayed: gold, 0.06 ounce a ton; silver, 2.25 ounces a ton; lead, 3.42%; zinc, 9.00%; antimony, 1.14%.

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

This property is located at the 2,000 foot elevation on the north side of Four Mile Mountain, 4 $\frac{3}{4}$ miles east-northeast of Hazelton.

The Babine group of 6 claims (Lots 1538, 1541-1543, 1545, 1548) was held by the Babine Mining Company, Limited, which was formed in November 1910; the claims were Crown-granted in 1911. Development work prior to 1913 was done in open cuts and 2 adits, one of which is 134 feet long. The company charter was surrendered in 1919.

The Wild Rose group of 3 claims, located on Four Mile creek, a short distance northwesterly from the Babine, was prospected during the period 1909-1911 by open cuts and a shaft.

Two claims of the Babine group, the Lucky Jim (Lot 1538) and the Bunker Hill (Lot 1542), were held under lease in 1950 by J.B. Curtin and A.D. Beirnes, respectively; no work was reported at that time.

Associated minerals or products - Lead, zinc, copper, antimony.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas; Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 28, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia: 1909, p. 84; 1911, pp. 101, 102; 1950, p. 98.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 971 A, Smithers-Fort St. James, B.C., (Geol.), Sc. 1":8 miles.

Preliminary Map 44-24, Hazelton, B.C., (Geol.), Sc. 1":2 miles -
Paper 44-24, Geol. Surv. of Canada.

Map 93 M/5 E, Hazelton, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	06-68						