

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 93 M/4
RÉGION DU S.N.R.C.

REF. AG 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BRUNSWICK (BILL)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°07'50" Long. 127°36'
Lat. Long.

Mining Division Omineca
Division minière

District District
District Cassiar

County
Comté

Township or Parish
Canton ou paroisse

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 showings are underlain by hornfelsic argillites belonging to the Upper Jurassic and Lower Cretaceous Red Rose formation of the Hazelton group. These rocks contain a number of dykes of feldspar porphyry and diorite, and are about half a mile from the Rocher Deboule granodiorite on Red Rose Creek. A quartz vein lies within a shear striking about N40°E and dipping 45 to 75° northwest. From 75 to 125 feet in the lower adit the vein is 3 to 4 feet wide and consists of quartz, silicified wallrock, and minor sulphide minerals, chiefly sphalerite and galena. A sample taken 90 feet from the portal across 3 feet assayed: Gold, trace; silver, 2.2 ounces a ton; copper, 0.1%. The last 75 feet follows a shear containing 1 foot of gouge and shattered wallrock and only a minor amount of quartz or metallic mineralization. In the upper adit the quartz vein is 5 inches to 2 feet wide and well mineralized with galena, sphalerite, tetrahedrite, and some chalcopyrite.

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

This property is located at the 4,600 foot elevation on the north side of Redrose Creek, 8 miles south of New Hazelton. The claims adjoin the Red Rose property on the southeast.

The Brunswick and Kaslo claims were held by Joe Miller, of South Hazelton, from 1912 until his death in 1940. Mr. Miller explored the vein by two drift adits; the lower one, at elevation 4,540 feet, is 200 feet long; the upper, at elevation 4,630 feet, is 90 feet long. The claims lapsed in 1949 and were restaked late in 1950.

Skeena Silver Mines Ltd. was formed in July 1951 to acquire the Brunswick Nos. 1-4 and 6-10 claims (Record Nos. 6891-6898) from T.I. Gibson, of Vancouver. Other claims were staked in the Brunswick and Betty groups for a total of 16 in all. In 1952 the company put down four short diamond-drill holes to explore the continuation of the vein which was reportedly displaced by a fault in the upper adit. Another longer drill hole was collared at 5,065 feet elevation to explore a possible intersection of the Red Rose shear with the Brunswick. Drill hole No. 3 intersected 2 feet of vein material assaying 64.4 ounces silver per ton, 9.4% lead, and 5.2% zinc. This work was sufficient to maintain the claims in good standing for 10 years. Early in the 1960's the claims lapsed and the ground was restaked in July 1962 as the Bill group by J.T. Williamson, of Vancouver; additional staking was done in 1963 and 1965 to a total of 14 claims (Bill 1-14). Work by Mr. Williamson included reopening the upper adit, sampling, and diamond drilling.

Arcadia Explorations Ltd. was incorporated by Mr. Williamson and associates in March 1967.

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

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Brown, A. Sutherland; Geology of the Rocher Deboule Range; Bulletin No. 43, p. 50, British Columbia Dept. of Mines & Petroleum Resources, 1960.

Kindle, E.S.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 35, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia: 1914, p. 191; 1925, p. 134; 1926, p. 126; 1951, p. 112; 1952, p. 93.

Mineral Policy Sector; Corporation Files: "Consolidated Skeena Mines Ltd."; "Arcadia Explorations Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Rocher Deboule Range, Sc. 1":1 mile, Fig. 2, Bulletin 43, B.C. Dept. of Mines.

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

Map 93 M/4 E, Skeena Crossing, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date	07-66	11-72					