

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ABERDEEN

OBJECT LOCATED - Aberdeen claim (Lot 960).  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 50°18'10" Long. 120°51'25"

Mining Division Nicola  
Division minière

District  
District

Kamloops

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 property is underlain by granodiorite of the Witches Brook Phase of the Jurassic age Guichon Creek Batholith. Mineralization associated with inclusions of greenstone include pockets of chalcocite, and scattered lenses and seams of native copper in a quartz-tourmaline-hematite gangue.

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

The property is located on Broom Creek, a tributary of Guichon Creek, 13½ miles north-northwest of Merritt.

The first report on the Aberdeen property was in 1899. In 1900 the property consisted of 7 claims, the Aberdeen, Plymouth Queen, Nicola Queen, Copper Mound, Forrest Rose, Cowboy, and King Solomon Dream, owned by the Broomhead Syndicate, of London, England. Exploration work was carried out in a shaft and adit until about 1904. The Aberdeen claim (Lot 960) was Crown-granted to John W. Broomhead and the adjacent Plymouth Queen (Lot 997) to Rose Clapperton in 1906. The property remained idle until 1915 when T.J. Corwin, of Seattle obtained an option under the name Aberdeen Mines Syndicate. Mining operations were continued until the fall of 1917 when the mine closed.

Merritt Mines, Limited, incorporated June 1925, optioned the property and the extraction of pillars in the upper levels was carried on until early in 1926; the main workings at that time consisted of a 200 foot shaft with drifts at 50 foot intervals. The mine was reopened by Aberdeen Mines, 1928, Limited, in 1928 and the 150 foot level drift was extended about 100 feet. The company charter was surrendered in 1931.

Bethlehem Copper Corporation Ltd acquired the Aberdeen and adjacent ground in the mid 1950's. In 1956-57 Northwestern Explorations, Limited held an option from Bethlehem and acquired adjacent ground to a total of 9 Crown-grants and 150 located claims. Work over the larger property included geochemical soil and silt surveys, a magnetometer survey, trenching and 11,993' of surface diamond drilling in 30 holes. The Bethlehem option was given up in November 1957.

In 1959 Bethlehem sold the claims to Torwest Resources Ltd. Work during 1959 and 1960 included electromagnetic and self potential surveys, and surface diamond drilling in 2 holes totalling 5,024 feet. The company name was changed in January 1962 to Torwest Resources (1962) Ltd. No further work was reported until 1969 when 36 line miles of electro-magnetic and magnetometer surveys was carried out. The property at this time consisted of the Aberdeen Crown-grant and the Crown 1-38 claims. Work by Torwest during 1971-72 included a geochemical survey over 19 line-miles, and diamond drilling in 7 holes totalling 567 feet. In May 1977 Torwest

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p.t.o. ....

**HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION**

From 1907 to 1960, inclusive, 1,846 tons of ore were shipped from this property. From this ore 9 ounces of gold, 782 ounces of silver, and 246,277 pounds of copper were recovered.

**REFERENCES/BIBLIOGRAPHIE**

Reports of Minister of Mines, British Columbia: 1899, p. 734; 1900, p. 892; 1901, p. 1186; 1903, p. 181; 1905, p. 204; 1906, p. 255; 1915, pp. 222, 232, 446; 1917, p. 233; 1924, p. 136; 1925, pp. 182, 365; 1926, p. 199; 1928, p. 223; 1956, p. 46; 1957, p. 28; 1959, p. 34; 1960, p. 41.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 269; 1971, p. 346; 1972, p. 160.

+Cockfield, W.E.; Geology and Mineral Deposits of Nicola Map-Area, British Columbia; Memoir 249, p. 123, Geol. Surv. of Canada, 1948.

Mineral Policy Sector; Corporation Files: "Merritt Mines, Limited"; "Aberdeen Mines, 1928, Limited"; "Bathlehem Copper Corporation Ltd."; "Torwest Resources (1962) Ltd."; "Aselo Industries Ltd."; "Highmont Mining Corporation".

**MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES**

Geology of the Guichon Creek Batholith, Sc. 1":1 mile, accomp. Bulletin 56, B.C. Dept. of Mines, 1969.  
 Map 886 A, Nicola, (Geol.), Sc. 1":4 miles, accomp. Memoir 249, Geol. Surv. of Canada, 1948.  
 #Map 92 I/7, Mamit Lake, (Topo.), Sc, 1:50,000.

**HISTORY OF EXPLORATION AND DEVELOPMENT (continued)**  
**HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR**  
 amalgamated with Highmont Mining Corp. Ltd. under the name Highmont Mining Corporation. "Previous work developed a small tonnage of high grade copper ore" (Highmont Mining Corporation 1977 Annual Report). In September 1979 Highmont was amalgamated with Teck Corporation.

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	04-87						