

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 93 M/5
RÉGION DU S.N.R.C.

REFAG 7
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ERIE (MOHAWK)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°16'20" Long. 127°33'15"
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

Intensely altered and recrystallized tuff and sandstone beds are intruded by a coarsely crystalline granodiorite body 1 mile in diameter that forms Four Mile Mountain. The sediments are also cut by a few small dykes of biotite aplite, which are exposed in the main adit. The main workings are in the top of a tongue-like body of altered sedimentary rocks that extends eastward into the granodiorite. Three veins striking northeast and dipping from 30 to 65° southeast occur along faults in this tongue-like body. A fourth vein, also striking northeast and dipping about 60° southeast, occurs in an isolated body of altered tuff about 800 feet northeast of the main vein exposure. The veins range from 4 inches to 4 feet in width and from 100 to 450 feet in length. They are composed of a gangue of banded quartz and siderite, for the most part very sparsely mineralized, but there are a number of small, rich ore shoots of erratic distribution. The ore minerals in order of abundance are, jamesonite, sphalerite, pyrite, galena, and tetrahedrite. Assays show a high silver content and appreciable amounts of antimony in the high-grade shoots. Tungsten is reported to have been found in this mine.

Associated minerals or products - Zinc, lead, antimony, tungsten.
Minéraux ou produits associés

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

The Mohawk property is located at the 2,100 foot elevation on the south end of Four Mile Mountain, about 4½ miles east-northeast of Hazelton.

The Erie (Era) group of 4 Crown-granted claims was located by E.L. Kinman, of Vancouver, in about 1909. Omineca Mines, Limited, was formed in April 1911 with Mr. Kinman as manager. Exploration and development work between 1909 and 1914 was carried out in open cuts and 2 shafts, and the crosscut adit at elevation 2,000 feet was begun. The mine was idle from 1914 to 1920, when owner Thos. Kinman extended the crosscut adit to a length of 500 feet.

No further activity was reported until 1925 when the property, now known as the Mohawk, was owned and under intermittent development by W.S. Harris and associates. Mohawk Mining Company, Limited, was organized in January 1928 to carry on the development work and operations continued until the autumn of 1929; the Federal Mining and Smelting Company, of Wallace, Idaho, held an option on the property for a short period in 1928. Development work when operations were suspended in 1929 totalled some 2,000 feet of crosscuts, drifts, and raises in the one adit. The company charter was surrendered in 1931.

A total of 7 Crown-granted claims in the Erie and nearby Comet and Babine groups were owned or leased in 1950 by Messrs. Giebe, Curtin, and Beirnes. No work was reported at that time. Silver Standard Mines Limited held the Erie property in 1956 and carried out 2,500 feet of bulldozer trenching; no new ore shoots were found.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1913 shipments of sorted ore totalled 45 tons. From this ore 5,175 ounces of silver, and 11,763 pounds of lead were recovered. From 1925 to 1929, inclusive, 141 tons of sorted ore were shipped from this property. From this ore 3 ounces of gold, 16,634 ounces of silver, 39,027 pounds of lead, and 51,589 pounds of zinc were recovered. (Report of Minister of Mines, B.C., 1950, p. 83).

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.

Plan of part of Erie group, (Geol.), Sc. 1":200 feet - Fig. 4, Memoir 223, Revised Edition.

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

REMARKS/REMARQUES

REFERENCES/BIBLIOGRAPHIE

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, pp. 40-43, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia: 1910, p. 87; 1911, p. 102; 1914, p. 200; 1920, p. 86; 1925, p. 133; 1927, p. 132; 1928, p. 156; 1929, p. 158; 1950, p. 98; 1956, p. 26.

O'Neill, J.J.; Preliminary Report on the Economic Geology of Hazelton District, British Columbia; Memoir 110, p. 35, Geol. Surv. of Canada, 1919.

Malloch, G.S.; Metalliferous Deposits in the Vicinity of Hazelton, B.C.; Summary Report 1912, p. 103, Geol. Surv. of Canada.

Leach, W.W.; The Skeena River District; Summary Report 1909, p. 66, Geol. Surv. of Canada.

Stevenson, John S.; Tungsten Deposits of British Columbia; Bulletin No. 10 (Revised), p. 71, B.C. Dept. of Mines, 1943.

Mineral Policy Sector; Corporation Files: "Mohawk Mining Company, Limited".

Eardley-Wilmot, V.L.; Silver Producing Mines in British Columbia; p. 171, Mineral Policy Sector, Commodity File MR-AG-301.00, British Columbia.

Comp./Rev. By Comp./rév. par							
Date Date	07-68						