

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 93 M/3
RÉGION DU S.N.R.C.

REF. AG 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

TETRA (MORICETOWN)

OBJECT LOCATED - showing.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 55°01'55" Long. 127°16'10"
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

The property is underlain by Upper Jurassic Bowser Group sedimentary rocks compressed into an anticline/syncline pair striking north 20 degrees east, and overturned east. The main mineralization is contained in a shear-like vein zone which varies from a series of thin veinlets to a discrete 1 metre mass. It strikes about north 20 to 40 degrees east and dips about 15 degrees eastward. The main ore minerals are sphalerite, galena, pyrite, tetrahedrite, and arsenopyrite. A sample assayed by the Mines Branch, Ottawa yielded: silver, 21.3 ounces per ton; lead, 0.57 per cent; zinc, 0.96 per cent.

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

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

The property is located at approximately the 2,000 foot elevation on Causqua Creek, one mile upstream from the Bulkley River, 22 miles southeast of Hazelton.

The showings were discovered in 1966 by R.H. Dieter in tracing float up Causqua Creek. Silver Standard Mines Limited optioned the Tetra 1-16 and Bulkley 1-12 claims from Mr. Dieter and J.H. Hutter in December 1967. Under the terms of the option, the property was transferred to a subsidiary company, Virginia Silver Mines Ltd., which was incorporated in July 1968. Work during 1968 and early 1969 included geological mapping, a minor geochemical survey and trenching. Two adits were driven, one north and the other south from the creek canyon, for a total of 672 feet plus a 50 foot raise; the north adit entered a pre-glacial channel of Causqua creek at 340 feet. Diamond drilling was done in 14 surface holes totalling 2,441 feet, and 7 underground holes totalling 150 feet. Further diamond drilling in 1969 totalled 1,808 feet in 8 holes. Reserves were estimated at 31,000 tons, no grade stated (Dorita Silver Mines Ltd., Annual Report, Nov. 30, 1969). A geochemical soil survey and 8,000 feet of trenching was carried out in 1970.

Virginia Silver Mines in about 1975 leased the Tetra 1-4 and Harry 1 & 2 claims comprising the property to Paul Kindrat. Some ore was shipped during 1975-76. Work during 1976 included 28.5 metres of drifting on Tetra 1 and 2. Causqua Mines Ltd., incorporated July 1977, acquired the lease on the property and reportedly shipped 120 tons of ore to the end of 1979. Late in 1979 Virginia Silver leased the property to Barriere Explorations Ltd. and Bankers Petroleum (1975) Ltd. A 50 ton-per-day mill was installed in 1980. Antrim Resources Ltd. acquired a 25% interest in the property and mill. Drill proven reserves were reported at more than 30,000 tons at 25 oz/t Ag (Northern Miner, June 4, 1981). Some concentrate was shipped in 1981; the mill processed approximately 100 tons before it froze up in December 1981 and was not re-opened. Reserves are reported as 20 000 tonnes at 1.19 g/mt Au, 2 948.4 g/mt Ag, 4.4% Pb, 2.2% Zn (Preliminary Map 65, BCDM, 1986). Virginia Silver's parent company (Silver Standard) changed its name in August 1984 to Consolidated Silver Standard Mines Limited.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

During 1975-76 lessee Paul Kindrat shipped 249 tonnes of ore. From this ore 401 g gold, 697 952 g silver, 9 757 kg lead, and 6 240 kg zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

+Report of Minister of Mines, British Columbia: 1968, pp. 124-126.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 99; 1970, p. 172; 1976, p. E 154⁺⁺.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1969, Report IR 69-78.

Mineral Policy Sector; Corporation Files: "Silver Standard Mines Limited"; "Antrim Resources Ltd."

Mining in British Columbia; BCDM: 1975-1980, p. 26.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 69-1, Smithers, Hazelton, Terrace Areas (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

#Plan and section of the Tetra prospect, Sc. 1":200', Fig. 17, Report of Minister of Mines, British Columbia, 1968, p. 125.

Map 4244 G, Moricetown, (Aeromag.), Sc. 1":1 mile.

*Map 93 M/3, Moricetown, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	08-81	02-82	05-87				