

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 92 H/6
RÉGION DU S.N.R.C.

REF. AG 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

EUREKA

OBJECT LOCATED - Adit.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°25'00"
Lat.

Long. 121°04'00"
Long.

Mining Division Similkameen
Division minière

District
District

Yale

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 claim is underlain by Upper Jurassic volcanics, mainly tuff, breccia and agglomerate, and minor interbedded argillite and conglomerate, all of the Dewdney Creek formation. These rocks are intruded by numerous dykes and sills ranging in composition from diorite to gabbro. The largest sill, which is much larger than any other, is about three-quarters of a mile long and as much as 700 feet thick. A major fault, Treasure Mountain fault, crosses the claim in a N80°E direction and dips southerly at from 30 to 65 degrees. Underground, the fault zone consists of two faults, each to some extent mineralized, separated by a feldspar porphyry dyke about 5 feet wide. The mineralized parts of the faults range from a fraction of an inch to more than a foot wide. The footwall lode occurs between the largest sill and the feldspar porphyry dyke. A sample across a 10 inch wide lens assayed: Ag, 1.5 oz/t; Pb, 0.7%; Zn, 25.3%. The hangingwall lode is between the feldspar porphyry dyke and argillites, volcanics, and conglomerate. The lode consists of a quartz vein and several stringers and is about a foot wide, narrowing to a few inches to the east.

p.t.o.

Associated minerals or products
Minéraux ou produits associés

LEAD, ZINC

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

The property is located at about 5,000 feet elevation on the west end and south side of Treasure Mountain, at the head of the Tulameen River, 17 miles east-northeast of Hope.

The showing was reportedly staked in 1894 by Chas. Connelly and was the first claim staked on Treasure Mountain. In subsequent years the Eureka claim (Lot 1210) was owned by Andy Jensen, of Tulameen. In the early 1920's an adit was driven northerly for about 100 feet to the Treasure Mountain fault and followed it for about 150 feet eastward. A parallel fault about 50 feet from the portal was followed eastward for about 75 feet. Further development work, financed by outside interests under the name Lynden Mining Syndicate, was carried out in 1926 and a small amount of ore was shipped.

Silver Hill Mines Ltd. held the Eureka claim, and the adjacent Silver Hill property (92 H/6, AG 1) during the period 1951-1957. No work was reported on the Eureka showings at that time. In 1981 the claim was purchased by Unicorn Resources Ltd. from Gerald Irving Burr of Princeton, British Columbia.

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa.
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa.

121355

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1926, 23 tons of ore were shipped from this property. From this ore 395 ounces of silver, 6,038 pounds of lead, and 7,726 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
 1923, p. 189; 1924, p. 170⁺; 1925, p. 211;
 1926, p. 227; 1928, p. 267; 1930, p. 215;
 1931, p. 130; 1932, p. 139; 1952, p. 129⁺⁺.

Cairnes, C.E.; Geological Exploration in Yale and Similkameen Mining Divisions; Summary Report 1922, Pt. A., p. 105, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Unicorn Resources Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 12-1969, Hope (West Half), (Geol.), Sc. 1:250,000 - accomp. Paper 69-47, Geol. Surv. of Canada.
 #Geology of Summit Camp, Sc. 1":600', Fig. 7 - accomp. Report of Minister of Mines, B.C., 1952.
 Map 8534 G, Hope, (Aeromag.), Sc. 1":1 mile.
 *Map 92 H/6, Hope, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES (continued)

The parallel break 50 feet south of Treasure Mountain fault is in argillites. It is partly occupied by a quartz vein that ranges from a fraction of an inch to 10 inches wide. It strikes about north 75 degrees east and dips 35 to 65 degrees southward. A sample taken across the lode where it is 6 inches wide, 20 feet from the east face, assayed: Silver, 2.6 oz per ton; lead, 2.3 per cent; zinc, 12.2 per cent.

Comp./Rev. By Comp./rév. par	DMacR	JL					
Date Date	5-80	12-82					