

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 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SUTTER (INDIANA)

OBJECT LOCATED - Adit.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°25'00"

Long. 121°05'00"

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 property is underlain by Upper Jurassic volcanics, mainly tuff, breccia and agglomerate, and argillite, of the Dewdney Creek formation. These rocks strike N30°W and have almost vertical dips. They are cut by several small basic sills.

The lode consists of several narrow stringers separated by gouge and by bleached and pyritized rock. The stringers consist of sulphides and minor amounts of quartz and carbonate. The lode strikes north 75 degrees east and dips 70 degrees southward. It is nearly 4 feet wide at the portal but is narrower to the west. A sample taken at the portal across 41 inches of the highest grade of mineralization assayed: Silver, 5.8 oz per ton; lead, 3.6 per cent; zinc, 7.6 per cent.

The lode, as exposed in the drift, is for most of its length only a few inches wide and in places only a gouge-filled slip is present. Toward the west the lode changes strike and at one point curves abruptly to strike north 60 degrees west. At this point a lens 17 inches wide contains abundant pyrrhotite in addition to other sulphides. A sample taken across the lens assayed: Silver, 8.5 oz per ton; lead, 4.2 per cent; zinc, 5.3 per cent.

p.t.o.

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 the 5,400' elevation at the head of Sutter Creek, a tributary of the Tulameen River, 16 miles east-northeast of Hope. During the early period of exploration the area was known as "Summit camp".

The Sutter (Lot 93) and Skyline (Lot 94) claims were staked in 1895 by F. Sutter and John Amberty for Star Mining & Exploration Co., of Terre Haute, Indiana. Annual assessment work was done in open cuts but due to inaccessibility of the area, and litigation which tied up work for several years, active development was not begun until 1906. By 1913 the "Indiana tunnel", on the Sutter claim, had been driven to include a drift on the vein for 240 feet, two short crosscuts totalling 36 feet, and a 30 foot drift on a parallel vein. A sample of 1,700 pounds of selected ore from this adit was shipped prior to 1910. In 1980, the property was optioned by Unicorn Resources Ltd. from Tarbo Resources Ltd. Unicorn did some sampling here and on the nearby Bluebell claim. One chip sample from an adit in the Sutter claim (?) gave 0.40% Cu, 8.60% Pb, 22.0% Zn, 13.10 ozs Ag/ton, 0.027 ozs Au/ton over 0.3 metres.

SKY: Unicorn Res L in 1983

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

About 12 feet from the face the lode widens to 2 feet, with widths of 7 inches on the footwall and 3 inches on the hangingwall moderately well mineralized. A sample taken here assayed: Silver, 2.6 oz per ton; lead, 1.9 per cent; zinc, 5.0 per cent.

Other veins, about parallel to the main, contain sulphides but are only a few inches wide.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
1899, p. 606; 1903, p. 185; 1913, p. 228;
1919, p. 172; 1952, p. 132⁺.

⁺⁺Cairnes, C.E.; Geological Exploration in Yale and Similkameen Mining Divisions; Summary Report 1922, Pt. A., p. 103, Geol. Surv. of Canada.

Camsell, Charles; Parts of the Similkameen and Tulameen Districts; Summary Report 1910, p. 118, 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

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