

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/3
RÉGION DU S.N.R.C.

REF. AU 9
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SALMO CONSOLIDATED

OBJECT LOCATED - adit.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°09'50"

Long. 117°09'50"

Mining Division Nelson
Division minière

District
District

Kootenay

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

Sphalerite, galena, and pyrite, with reported values in gold, occur in irregular fissures in a Mesozoic hornblende grandiorite stock which intrudes Ordovician rocks of the Active Formation.

The deposits consist of a series of widely separated, narrow vein-like bodies which vary in strike from N20°E to N65°E and dip steeply to the south-east, or into the hill. These veins and stringers consist in part of quartz-filled fractures and partly of sheared zones in the granite where the wall-rock has been silicified and some metallic minerals deposited by replacement. The sulphide minerals, which occur sparingly disseminated in the gangue, are galena, sphalerite, pyrite, and pyrrhotite. In places considerable calcite occurs in the veins. In general the gold and silver values are low, but fair gold values are reported from selected sulphide specimens.

The vein on which the shaft was sunk varies in width from 1 to 6 feet, and consists of a low-grade mineralization of sphalerite, galena, and pyrite in a quartz and calcite gangue. At the collar of the shaft the vein is 1 foot wide and samples see Card 2

Associated minerals or products - Silver, 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 5,200' elevation on the east side of Hedgehog Creek, a southerly flowing tributary of Sheep Creek, about 5 miles southeast of Salmo.

Details of early activity probably in the early 1900's, are limited but included considerable trenching and an inclined shaft to a depth of 116', with crosscuts at the bottom and 20' up. The claims subsequently reverted to the Crown.

The White Cloud, Blue Jack, Yellow Jack, Sitting Bull, Blue Jack Fr., and Yellow Jack Fr. (Lots 2688-2692 respectively) were Crown-granted to P.H. Horton, W. Hartman, and A.E. Place in 1926. Development included 160' of crosscut and 90' of drift in an adit driven northeasterly from the vicinity of the shaft. The owners incorporated Salmo Consolidated Mines, Limited in March 1928. A new crosscut adit at 5,044' elevation was driven 265' and a raise put up to the old shaft. During 1929 the adit was extended to 440' with drifts 125' southerly and 160' northerly. Wide areas of scattered mineralization were encountered but no definite orebody. Work was suspended in the summer of 1929. The workings to date included numerous open cuts, the old shaft, and three adits. The claims reverted to the Crown for taxes in 1956.

Mineral Resources Ltd. Prospectus 15/20/54
adit 200 ft.

Reports of Minister of Mines, British Columbia:
 1926, pp. 280, 449; 1928, p. 347⁺;
 1929, p. 353.

⁺⁺Walker, J.F.; Geology and Mineral Deposits of Salmo
 Map-Area, British Columbia; Memoir 172, pp. 73-
 75, Geol. Surv. of Canada, 1934.

Fyles, J.T. and Hewlett, C.G.; Stratigraphy and Structure
 of the Salmo Lead-Zinc Area; Bulletin No. 41, p. 146,
 British Columbia Dept. of Mines, 1959.

Minerals Sector; Corporation Files: "Salmo Consolidated
 Mines, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Geological Map of the Salmo Lead-Zinc Area, Sc. 1":2,000',
 Fig. 3, Sheet C - accomp. Bulletin 41, B.C. Dept. of
 Mines.

Map 299 A, Salmo, (Geol.), Sc. 1":1 mile - accomp. Memoir 172,
 Geol. Surv. of Canada.

Map 8479 G, Salmo, (Aeromag.), Sc. 1":1 mile.

*Map 82 F/3 E, Salmo, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-80						

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TERRITORY TERRITOIRE

N.T.S. AREA 82 F/3
RÉGION DU S.N.R.C.

- Card 2 -

REF. AU 9
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SALMO CONSOLIDATED

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)
taken across this width gave an assay of: Gold, 0.06 oz/t;
silver 5.2 oz/t; lead 10.1%; zinc, 5.1%. Samples from the
adit near the shaft gave the following values:

Description	Gold Oz to Ton	Silver Oz to Ton	Lead Per Cent	Zinc Per Cent
65 feet from portal, across 50 inches ...	0.02	2.6	4.0	4.0
75 feet from portal, across 5 feet	Trace	1.6	4.0	2.4
85 feet from portal, across 2 feet	Trace	1.4	2.8	3.8

The vein, as exposed by 250' of drift in the lower adit, is very irregular. The greatest width consists of 4 feet of quartz and calcite gangue holding fine-grained galena, sphalerite, and pyrite, and 2 feet of vein matter and granite, and belongs to a body about 50 feet long. A 30-foot raise shows the lens to pinch out 25 feet above the floor of the level. Another lens extending from the north drift into the south drift is about 60 feet long with a greatest width of 6 feet of vein matter and of granite with lenses of sulphides. To the south is another short lens of vein matter and granite joined to another lens which is crossed by a fracture that deflects to the east the southern part of the lens. From the fracture to the face of the drift, a distance of 35 feet, the vein averages 12 to 18 inches in width and is composed of quartz, pyrite, and galena.