

PRODUCT ZINC

PROVINCE OR TERRITORY British Columbia

N.T.S. AREA 82 F/3

REF. ZN 6

NAME OF PROPERTY

UDIVILLE

OBJECT LOCATED - Adit.

UNCERTAINTY IN METRES 300. Lat. 49°08'25" Long. 117°10'20"

Mining Division Nelson District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Map 1145 A indicates the property is underlain by Ordovician argillite and limestone of the Active Formation. The limestone is poorly exposed, strikes 35 to 45 degrees, and dips 40 degrees more or less to the northwest. Nelson granitic rocks outcrop 1,800 feet to the west of the workings and 2,500 feet to the northeast.

An adit has been driven to get under a surface cut exposing some zinc-lead mineralization in limestone that strikes 35 degrees and dips at varying angles to the northwest. About 260 feet southerly a small prospect shaft has been sunk in limestone cut by a decomposed lamprophyre dyke. Twelve feet westerly from the shaft the limestone is mineralized across a greatest width of 6 feet, but pinching in both directions along the strike. Mineralization consists of sphalerite, pyrite, and galena replacing limestone, more or less along the bedding. A sample taken across 3 feet in an open-cut at 3,450 feet elevation assayed: Gold, 0.01 oz. to the ton; silver, 0.3 oz. to the ton; lead, 0.5 per cent; zinc, 7.7 per cent. Another sample taken across a 4 $\frac{1}{2}$ -foot section of rock exposed in a slide just below the cabin assayed: Gold, 0.01 oz. to the ton; silver, 0.4 oz. to the ton; lead, 0.4 per cent; zinc, 10.8 per cent. A sample of selected material assayed: Gold, 0.02 oz. to the ton; silver, 0.6 oz. to the ton; lead, 6.9 per cent; zinc, 4.8 per cent.

Associated minerals or products of value - Lead, silver, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 3,500 feet elevation on the east side of Bennett Creek, a north-flowing tributary of Sheep Creek, 6 miles southeast of Salmo.

The Udiville property, including the Udiville, Udiville No. 2, and Udiville No. 1 claims (Lots 15851-15853 respectively), was owned by J. Sapples of Salmo. Exploration and development work to 1928 included open cuts, a shallow prospect shaft inclined at 55 degrees, and an adit driven 110 feet easterly at shallow depth; no mineralization was found in the adit.

Mentor Exploration and Development Co., Limited acquired the property in 1977. Magnetic and geochemical soil surveys were carried out; the magnetic survey outlined a moderately sharp anomaly on the northwest corner of the Udiville claim.

HISTORY OF PRODUCTION

REFERENCES

Report of Minister of Mines, British Columbia: 1928,
p. 343 ⁺⁺ .

⁺Walker, J.F.; Geology and Mineral Deposits of Salmo Map-
Area, British Columbia; Memoir 172, p. 68, Geol.
Surv. of Canada, 1934.

Mineral Policy Sector; Corporation Files: "Mentor
Exploration and Development Co., Limited".

MAP REFERENCES

#Map 1145 A, Salmo, (Geol.), Sc. 1":1 mile - Geol. Surv. of
Canada.

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

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

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

REMARKS

Comp./Rev. By	DMacR						
Date	6-78						