

## NAME OF PROPERTY

TOWSER

OBJECT LOCATED - adit.

UNCERTAINTY IN METRES 300.

Lat. 50°38'35" Long. 117°22'20"

Mining Division Revelstoke District Kootenay

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

## OWNER OR OPERATOR

## DESCRIPTION OF DEPOSIT

The property is underlain by Palaeozoic and/or (?) Earlier phyllites and phyllitic tuffs of the Index Formation and grey and black siliceous argillite of the Triune Formation.

The Towser shaft and drift follow a drusy mineralized quartz-carbonate vein that strikes north 17 degrees west and dips about 70 degrees east, cutting across the beds at a small angle to the right. The vein is in the basal siliceous slate of the Triune formation, close to its contact with the Triune phyllite. The vein has been exposed over a length of 175 feet and a depth of 50 feet; it varies greatly in width, averaging perhaps 5 feet. It contains bunches and streaks of pyrite, sphalerite, and galena, with which are associated some tetrahedrite and chalcopyrite. Minor amounts of sulphides occur with quartz in both the footwall and hangingwall of the vein.

Associated minerals or products - Gold, lead.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The Towser Crown-grant (Lot 1565) is located at approximately 5,500 feet elevation on the east side of Cup Creek, a tributary of Lardeau Creek, some 8 miles east of Trout Lake village. The Silver Cup property (82 K/11, AG 1) adjoins to the southeast.

The Towser claim was optioned in 1896 by the Lillooet, Fraser River, and Cariboo Gold Fields Co. Ltd., who also held the Silver Cup property. A subsidiary company, Sunshine, Limited, was registered in British Columbia in 1897 to carry out development. In 1899 the claim was reportedly acquired by J.M. Skeoff, representing Chicago interests, and underground work was done in 1900.

C.T. Porter and associates, of Spokane, acquired the property in about 1915. Some ore was mined in 1917-18. Total development to that date consisted of 500 feet of drifting and crosscutting on one adit level, a raise therefrom that reaches the surface, and some surface stripping.

Silver Cup Mining & Milling Company, Limited installed a 35 ton-per-day flotation mill at the Towser claim in 1937 and some of the lower-grade ore on the dumps of apparently both the Towser and Silver Cup properties was milled in 1937 and 1941. In about 1960 the Towser claim was owned by W.D. Morse of Chelan, Washington, and the estate of the late C.T. Porter. During the period 1969-1974 the claim was held by various operators as part of the Silver Cup property. Pandora Management Ltd. in 1973 set up a jig below the main dump on the Towser claim but concentration proved difficult.

C.T. Exploranda Ltd. acquired the Towser, Yuill (82 K/11, AG 5), and Silver Cup properties in 1976. Geological mapping and a minor geochemical survey were carried out. A crosscut driven from a drift on the Yuill property intersected the Towser vein 245 feet below the old workings. Work in 1977 included 210 metres of drifting and 600 metres of underground diamond drilling.

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**HISTORY OF PRODUCTION**

In 1917, 25 tons of ore were shipped from this property. From this ore 5 ounces of gold, 1,400 ounces of silver, and 20,117 pounds of lead were recovered.

In 1973, 440 tons of ore recovered from mine dumps were shipped. From this ore 69 ounces of gold, 9,696 ounces of silver, 29,012 pounds of lead, and 23,368 pounds of zinc were recovered.

**REFERENCES**

Reports of Minister of Mines, British Columbia:  
 1896, p. 542; 1897, p. 548; 1899, p. 681; 1900, p. 823; 1917, pp. 164, 192; 1918, p. 156.

+Gunning, H.C.; Lardeau Map-Area, British Columbia; Memoir 161, p. 65, Geol. Surv. of Canada, 1930.

Fyles, J.T. & Eastwood, C.E.P.; Geology of the Ferguson Area, British Columbia; Bulletin No. 45, p. 75, British Columbia Dept. of Mines, 1962.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 341; 1970, p. 466; 1971, p. 429; 1972, p. 77; 1973, p. 95; 1974, p. 24; 1976, p. E 50; 1977, p. E 69.

**MAP REFERENCES**

#Geological Map of the Ferguson Area, Sc. 1": $\frac{1}{2}$  mile, Fig. 2, Sheet B, and Geological Map of the Silver Cup Mine, Sc. 1":200 ft., Fig. 11 - accomp. Bulletin No. 45, British Columbia Dept. of Mines.

Map 235 A, Lardeau Area, (Geol.), Sc. 1":4 miles - accomp. Memoir 161.

\*Map 82 K/11 W, Trout Lake, (Topo.), Sc. 1:50,000.

**REMARKS**

Comp./Rev. By	DMacR						
Date	9-79						