

NAME OF PROPERTY

YUILL

OBJECT LOCATED - No. 43 - Map 235 A.

UNCERTAINTY IN METRES 300. Lat. 50°38'50" Long. 117°22'30"

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.

A smooth fault wall, with about 8 inches of gouge, appears in the creek bottom. It strikes north 35 degrees west and dips 70 degrees northeast. Below it is from 6 inches to 2 feet of quartz with 4 inches or less of sulphides, principally galena and pyrite. It is stated that samples of this assayed as much as 1,800 ounces of silver per ton. Below the vein, which cuts black schists striking north 45 degrees west, is a band of grey, knotty, calcareous schist, and west of this are carbonaceous schists, grey calcareous schists, and a bed of black, spotted phyllite. Northeast of the lead is about 35 feet of black schists cut by numerous small quartz veins and beyond this a band of green spotted, carbonated greenstone.

Associated minerals or products - Gold, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Yuill showing is exposed at the 4,700 foot elevation on the bed of Cup Creek, a tributary of Lardeau Creek, some 8 miles east of Trout Lake village. The Towser property (82 K/11, AG 4) adjoins to the southeast.

In 1906 owner George Yuill exposed the vein by ground-sluicing up to 35 feet of blue glacial wash. By 1915 the Yuill and Towser properties had been acquired by C.T. Porter, of Spokane. Considerable development work was reported on the Yuill in 1915.

C.T. Exploranda Ltd. acquired the property in 1976. A new adit at the 1,500 metre elevation was driven as a crosscut for 275 feet to the vein and 660 feet of drifting on the Yuill vein. A 165 foot section of the vein is reported to assay 12 ounces/ton silver, 0.054 ounce/ton gold, 2.96% lead, and 3.17% zinc across 3 feet. Drift-indicated probable reserves in 4 shoots over a 3' mining width were estimated at 6,340 tonnes averaging 0.043 oz/t Au, 5.37 oz/t Ag, 2.72% Pb, 2.56% Zn (R.W. Phendler, 18/07/80 - in C.T. Exploranda Ltd. Statement of Material Facts 113/81).

HISTORY OF PRODUCTION

REFERENCES

+Gunning, H.C.; Lardeau Map-Area, British Columbia; Memoir 161, p. 66, Geol. Surv. of Canada, 1930.

Reports of Minister of Mines; British Columbia: 1906, p. 138; 1915, p. 133.

Mineral Policy Sector; Corporation Files: "C.T. Exploranda Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1976, p. E 50; 1977, p. E 69.

Phendler, R.W.; Progress Report on Trout Lake Property, July 18, 1980 - in C.T. Exploranda Ltd. Statement of Material Facts 113/81.

MAP REFERENCES

Geological Map of the Ferguson Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 2, Sheet B - 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	DMacR					
Date	9-79	08-81					