

NAME OF PROPERTY

FREE COINAGE

OBJECT LOCATED - adit.

UNCERTAINTY IN METRES 300. Lat. 50°38' Long. 117°21'55"

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 Free Coinage adit followed quartz-bearing fissures, mainly in Triune black phyllite. A crosscut to the northeast crossed the Triune basal slate and entered tuff. A tight fissure was found in the slate and might be an extension of the Silver Cup or Blind shear zone, but no sulphides were found in it. The fissures in the phyllite are accentuations of the schistosity and are in part occupied by narrow quartz veins. A few small bunches of sulphides are scattered along them. The workings also expose northwest-dipping tension fractures, commonly occupied by quartz seams one-tenth of an inch thick, and irregular pockets of quartz in crumpled rock. Neither the fracture veinlets nor the pockets contain appreciable sulphides. The crosscut to the east, 240 feet from the portal, encountered a fissure striking N45°W and dipping steeply east. It is mineralized with a few inches of quartz, pyrite, sphalerite,

p.t.o.

Associated minerals or products - Lead, zinc, copper.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 7,000 foot elevation on the north end of Triune Mtn some 8 miles east of Trout Lake village. The Silver Cup property (82 K/11, AG 1) adjoins to the north.

The Free Coinage claim (Lot 1588) was owned from about 1896 by Thos. Dunn and Wm. Farrell, of Vancouver. Development work between 1897 and 1900 in one adit totalled over 1,000 feet of drifts, crosscuts and raises, a shaft from the surface and numerous open cuts in search of the extension of the adjacent Silver Cup deposit. Lessees carried out the development work in 1900. The claim was Crown-granted to the above owners during the year. A small ore shipment was reported in 1901. The claim was leased by local residents in 1905 but no work was reported. During the period 1924-1927 the claim was owned by George Yuill of Trout Lake and further activity was reported. In about 1960 the claim was owned by H.E. Jacques and J.E. La Fleur, of Vancouver.

HISTORY OF PRODUCTION

A small ore shipment was reported in 1901 but details are lacking.

REFERENCES

- +Gunning, H.C.; Lardeau Map-Area, British Columbia; Memoir 161, pp. 61-63, Geol. Surv. of Canada, 1930.
- ++Fyles, J.T. & Eastwood, G.E.P.; Geology of the Ferguson Area, British Columbia; Bulletin No. 45, pp. 75, 78, British Columbia Dept. of Mines, 1962.
- Reports of Minister of Mines, British Columbia:
1896, p. 542; 1897, p. 548; 1898, p. 1066; 1900, p. 823; 1901, p. 1018; 1905, p. 153; 1924, p. 210; 1926, p. 273; 1927, p. 296.

MAP REFERENCES

#Geological Map of the Ferguson Area, Sc. 1": $\frac{1}{2}$ mile, and
Geological Map of Silver Cup Mine Area, 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.

DESCRIPTION OF DEPOSIT (continued)

galena, and grey copper. A small winze and a raise 32 feet high have been made on it and a few small bunches of sulphides extracted.

Comp./Rev. By	DMacR						
Date	9-79						