

NAME OF PROPERTY **FH (LYDIA), SHAMROCK**

OBJECT LOCATED - #3, Fig. 10, Summary Report, 1930.

UNCERTAINTY IN METRES 500. Lat. 51°31'20" Long. 119°54'

Mining Division **Kamloops** District **Kamloops**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Map 48-1963 indicates the rocks in this vicinity are of Permian or Earlier age. Pyrite and chalcopyrite occur in lenses and stringers in chlorite and quartz-sericite schist. These sulphides also occur in quartz veins.

The old Shamrock adits were driven on quartz veins containing in places a little pyrite.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Lydia property is located at approximately the 5,800 foot elevation on the west side of Foghorn Creek 5 miles south of Birch Island. Other workings occur on the Shamrock property located at the 5,400 foot elevation $\frac{1}{2}$ to 1 mile north of the Lydia but no mineralization is reported at that location.

The Lydia group, comprising the Lydia, Lydia Fraction, Abe Lincoln, Rosenquist, and Pot Hole claims, was owned from about 1914 by George Fennell, Axel Chidgrin, and Alex Dobson of Chu Chua. Exploration work was carried out in one or more short adits. In 1917 the property comprising 14 claims was optioned for New York interests by R.H. Stewart and P.W. Racey, of Vancouver. Two adits were driven, the upper totalling 440 feet of drifts and crosscuts, and the lower 632 feet of drifts, crosscuts and raises. Work was suspended in 1919 and the option given up. Other workings at that time included 3 short prospect adits and several trenches. The owners discovered new showings on the property in 1923.

On the Shamrock property owner Tom Montgomery drove a 150 foot adit, and 2 other short adits, in about 1917.

The Lydia showings were held as the FH 1-41 claims in 1968-1969 by Royal Canadian Ventures Ltd. Work included a magnetometer survey, a geochemical soil survey (700 samples), and bulldozer trenching.

In 1970 the FH and adjacent claim groups were under option to Imperial Oil Enterprises Ltd. Work included a magnetometer survey over 22.7 line-miles, an electromagnetic survey over 37 line-miles, a geochemical soil survey (450 samples) over the FH and Imp groups, and diamond drilling in 2 surface holes totalling 1,002 feet and 3 underground holes totalling 1,560 feet on the FH group.

Noranda Exploration Company, Limited held the FH group in 1972. Work included mapping the underground workings, a magnetometer survey over 1.7 line-miles, a geochemical soil survey (171 samples), a geochemical silt survey (89 samples), and 2,294 feet of surface diamond drilling in 5 holes.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1915, pp. 213, 220; 1917, p. 236; 1918, p. 234; 1923, p. 154; 1924, p. 152; 1929, p. 224.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1968, p. 164; 1969, p. 230; 1970, p. 302; 1972 p. 92 ++

Walker, J.F.; Clearwater River and Foghorn Creek Map-Area, Kamloops District, British Columbia; Summary Report 1930, Pt. A., pp. 144, 145, Geol. Surv. of Canada. +

MAP REFERENCES

Map 48-1963, Adams Lake, (Geol.), Sc. 1":4 miles.

#Clearwater River & Foghorn Creek Area, (Geol.), Sc. 1":2 miles, Fig. 10 - accomp. Summary Report 1930.

*Map 82 M/12 W, Vavenby, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	6-76						