

NAME OF PROPERTY DAVE (THANE)

OBJECT LOCATED - #20, Map 1030 A.
 UNCERTAINTY IN METRES 500. Lat. 56°08' Long. 125°25'
 Mining Division **Omineca** District **Cassiar**
 County Township or Parish
 Lot Concession or Range
 Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The claims extend across the contact zone between Takla Group volcanic rocks and the Hogem batholith, which here consists of fine-grained quartz monzonite intricately intruding medium-grained quartz monzonite. Both phases have been cut by fractures striking north 30 degrees west and north 40 degrees east. The northwest set is marked by limonite gossan zones 1 to 8-foot wide, which contain chalcopyrite and pyrite pods, quartz-specularite veins, and quartz-epidote veins carrying disseminated chalcopyrite. The main showing is a silicified fracture zone about 4 feet wide mineralized with sparse pyrite, chalcopyrite, magnetite, and specularite. Low assays in gold have been reported.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 4,000 and 6,000 feet on the north side of Thane Creek some 40 miles southwest of Fort Grahame.
 The Thane group of 4 claims was apparently staked sometime during the period 1927-1940 by prospectors working for The Consolidated Mining and Smelting Company of Canada, Limited. Work on the Thane group was confined to stripping. The showings were re-discovered in 1954 under the B.C. Dept. of Mines grub-staking prospectors program. No work was reported at that time.
 The Dave 1-18 claims were acquired by Pechiney Development Limited. During 1973 geological mapping, a geochemical survey comprising 340 soil samples over 14 line-miles and 22 rock samples from gossan areas was carried out. Work during 1974 included a magnetometer survey over 7 line-miles, a geochemical soil survey (175 samples) over 7 line-miles, and 101 feet of diamond drilling in 3 holes on Dave 18.

Associated minerals or products of value - Iron, gold.

HISTORY OF PRODUCTION

REFERENCES

Lay, Douglas; Aiken Lake Area, North-Central British Columbia; Bulletin No. 1, 1940, pp. 25-28, British Columbia Dept. of Mines.

Roots, E.F.; Geology and Mineral Deposits of Aiken Lake Map-Area, British Columbia; Memoir 274, p. 225, Geol. Surv. of Canada, 1954.

Report of Minister of Mines, British Columbia: 1954, p. 64.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 396 + ; 1974, p. 291.

MAP REFERENCES

#Map 1030 A, Aiken Lake, (Geol.), Sc. 1":4 miles - accomp. Memoir 274.

Prel. Map 48-5 A, Aiken Lake, (Geol.), Sc. 1":2 miles - accomp. Paper 48-5, Geol. Surv. of Canada.

*Map 94 C, Mesilinka River, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	6-76						