

NAME OF PROPERTY

TEL

OBJECT LOCATED - East showing (Shoot A).

UNCERTAINTY IN METRES 100. Lat. 53°22'03" Long. 130°09'45"

Mining Division Skeena District Coast, Range 4

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Banks Island is largely underlain by granitic rocks of the Coast Intrusions, of which light-coloured granodiorite, quartz monzonite, and quartz diorite are common, but darker dioritic to gabbroic phases are also present. These rocks intrude older sedimentary formations, of which only remnants remain. The remnants lie in northwesterly trending belts, one of which forms a fringe on the west side of the island northwestward from Waller Bay. This remnant, containing limy argillite and quartzite on the southwest side and limestone of the northeast side, hosts the gold-bearing zone on the Tel claims. The mineralized zone, as exposed in trenches and cut by drill holes, is in some places a quartz sulphide vein and in others forms massive sulphides. The sulphides include pyrite, pyrrhotite, arsenopyrite, sphalerite, and galena. The easternmost exposure is a massive sulphide replacement in limestone. Drilling on this showing in 1964 gave a maximum intersection of 15.5 feet assaying 1.40 ounces gold per ton, 1.1 ounces silver per ton, and 6.6% zinc.

Associated minerals or products of value - Silver, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on Banks Island, south of Banks Lakes and about a mile west of Hepler Lake.

The Tel group of claims was located by McIntyre-Porcupine Mines, Limited, in 1964. During 1965 the company put down 26 pack-sack diamond drill holes totalling 1,761 feet on Tel 23 claim. No further work was reported. The company name was changed in 1974 to McIntyre Mines Limited.

Sproatt Silver Mines Ltd. in June 1975 purchased from McIntyre the Tel 23, 24, 37 and 38 claims. Work in 1975 included an induced potential survey, a geochemical survey (424 samples), and diamond drilling in 17 holes totalling 1,050 metres on Tel 23. The company name was changed in 1977 to Hecate Gold Corp. The adjacent Banks property (103 G/8, Au 1) of Falconbridge Nickel Mines Limited was optioned during the year.

HISTORY OF PRODUCTION

REFERENCES

Seraphim, R.H.; Report on Tel Claims, Banks Island; in Sproatt Silver Mines Ltd. Statement of Material Facts, June 1975.

Report of Minister of Mines, British Columbia, 1963, p. 21.

Exploration in British Columbia; British Columbia Dept. of Mines, 1975, p. E 174.

Mineral Policy Sector; Corporation Files: "Hecate Gold Corp.".

MAP REFERENCES

Douglas Channel and Hecate Strait, (Geol.), Sc. 1:250,000 - accomp. Paper 70-41, Geol. Surv. of Canada.

Lineaments on parts of Banks Island, Sc. 1":6,200 ft., Fig. 3, Report of Minister of Mines, British Columbia, 1963, p. 23.

#Tel claims, claim map, and map of showings, (Sc. 1":120 ft.) - accomp. Report by Seraphim.

*Map 103 G/8 E, Banks Island, (Topo.), Sc. 1:50,000.

REMARKS

BCI 103G-39

Comp./Rev. By	DMacR	DMacR					
Date	11-75	12-77					