

NAME OF PROPERTY

COPPER ISLAND

OBJECT LOCATED—outcrop.

UNCERTAINTY IN METERS—1,000. Lat. 59°17' Long. 134°02'

Mining Division Atlin District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The formation consists of reddish and bluish generally coarse textured basalts and tuffs, of which the tuffs predominate, and basic volcanic fragments, but grade into rocks containing a predominance of sedimentary materials. A number of veins, from a fraction of an inch to six inches wide, and composed mostly of calcite and disseminated particles of native copper, intersect the basalts and tuffs. Pieces of native copper weighing several pounds each have been found in the veins. Associated with the native copper are malachite and occasionally cuprite and tenorite. The country rock is slightly mineralized with native copper near these small calcite veins.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

Copper Island is located near the south end of Atlin Lake.

In July 1899 native copper was discovered on the southern shore of Copper (Goat) Island; 14 claims, including the Noel claim, were staked on the showings. The Laverdiere Brothers staked several claims on the showings; these claims lapsed in 1910. Development work was done in an open cut 30 feet long with a face 12 to 15 feet high, which exposes a calcite vein about 8 inches wide with a streak of native copper through it.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

REFERENCES

Gwillim, J.C.; Atlin Mining District, British Columbia;
Annual Report, Vol. XII, Pt. A., p. 69; Pt. B.,
p. 46, Geol. Surv. of Canada, 1899.

Reports of Minister of Mines, British Columbia; 1904,
p. G 80; 1918, p. 94.

Cairnes, D.D.; Portions of Atlin District, British Columbia;
Memoir 37, pp. 114-116, Geol. Surv. of Canada, 1913.

Summary Report, 1910, p. 54, Geol. Surv. of Canada.

MAP REFERENCES

Map 218 A, Atlin Sheet, British Columbia and Yukon, (Geol.),
Sc. 1":8 miles.

Map 104 M, Skagway, (Topo.), Sc. 1:250,000.

REMARKS

BCI 104 M - 20

Comp./Rev. By

DMACR

Date

6-74