

NAME OF PROPERTY **COPPER ISLANDS (QUINITSA, RED RAVEN,
SKINCUTTLE ENTRANCE, SKINCUTTLE ISLAND, GEORGE ISLAND)**

Uncertainty: 250 metres.

OBJECT LOCATED

Skincuttle Island showing 52°20'50" 131°16'30"

Quinitsa Claim^{Lat.} 52°21'30" Long. 131°19'30"

Mining Division Skeena District Queen Charlotte

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The Copper Islands property is underlain by the Kunga grey limestone member and intrusive sills of amygdoloidal andesite-basalt not greatly different from the Karmutsen flows. These rocks strike east, dip 10 to 30 degrees north, and are cut by small steep block faults oriented chiefly either north, north-west, or westerly.

The showings are mainly garnet-rich skarns carrying some disseminated chalcopryrite and minor magnetite and pyrite. Bornite, tennantite, and cuprite occur in minor amounts and malachite stain is common. The skarn zones follow the bedding attitudes at contacts with sills and principally replace the volcanic rocks. Some of the disseminated chalcopryrite extends into adjacent unskarnified limestone. The skarn zones can be traced hundreds of feet horizontally along strike but are rarely as thick as 10 feet. In addition to the disseminated mineraliza-

p.t.o.

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Copper Islands showings are located off the south-eastern corner of Burnaby Island, on three small islands, Skincuttle, George, and East Copper.

These showings were discovered by Francis Poole while prospecting for Queen Charlotte Mining Company in 1862-3. There is no record of this company as a Canadian incorporation.

In 1900 the showings were rediscovered by A. Heino who staked three mineral claims, the Skincuttle Entrance, Golden Gate, and Trust, on East Copper Island. Mr. Heino worked the claims until about 1930. Development consisted of a 100-foot shaft with a 180-foot crosscut, a 40-foot shaft, and a 150-foot adit. In 1907 Abe Johnson restaked the Red Raven claim on the south side of East Copper Island. He drove a 35-foot adit and a 10-foot crosscut on the property. In 1917 the East Copper Island showings, held as the Quinitsa claim, produced 40 tons of copper ore which was shipped to the Granby smelter.

The Skincuttle Island showings were held in 1902-07 by Messrs. Law, Hamilton and Raper. Development work on the three claims, Skincuttle, Poole, and Margaret, included 22-foot and 30-foot shafts, two crosscut adits, 6 open cuts, and some trenching. The showings were later staked by A. Heino.

The George Island showing was owned by W. Campbell in 1910.

In the mid 1960's the Copper Islands showings were held as follows: Skincuttle Island, part of Jib "B" group; George Island, Sandy Nos. 1 to 4; East Copper Island, Elma group - five claims. Work done at this time included a minor amount of packsack drilling on East Copper Island, and a magnetometer survey at sea off the island by Burnaby Iron Mines Limited in 1964.

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

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HISTORY OF PRODUCTION

From 1903 to 1917 the "Reports of Minister of Mines" reported a total of 112 tons of copper ore shipped from East Copper Island. In 1916-17, 55 tons of sorted ore were shipped from the Qunitisa claim. From this ore 23 ounces of silver, and 15,725 pounds of copper were recovered.

REFERENCES

- Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, pp. 197-198, British Columbia Dept. of Mines, 1968.
- Reports of Minister of Mines, British Columbia: 1900, p. 788; 1901, p. 993; 1902, p. 48; 1903, pp. 52, 210, 211; 1904, p. 101; 1905, p. 81; 1907, pp. 68, 69; 1908, p. 60; 1909, p. 71; 1910, p. 84; 1911, p. 76; 1912, p. 110; 1913, pp. 101, 104; 1917, pp. 74, 447; 1918, pp. 40, 104; 1919, pp. 39-40; 1921, p. 39; 1922, p. 42; 1923, p. 44; 1925, p. 66; 1926, p. 67.
- McConnell, R.G.; Moresby Island, Summary Report, 1909, p. 78, Geol. Surv. Canada.

MAP REFERENCES

Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet A - accomp. Bulletin No. 54.

#Sheet 103 B-C, (MI), (#21, 22), Moresby Island, Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines, 1969.

*Map 103 B/6 E, Jedway, (Topo.), Sc. 1:50,000.

DESCRIPTION OF DEPOSIT (continued)

tion in the bedded garnet skarn, there are small chalcopyrite veinlets transecting the bedding in and near skarns, and quartz veins with traces of chalcopyrite in some of the block faults.

The mineralized zone was reported to average 3.5% copper, with small values in silver.

REMARKS

Comp./Rev. By	LJ							
Date	6-75							

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