

PRODUCT

COPPER

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 92 K/3

REF. CU 6

NAME OF PROPERTY

BLUE BIRD (STEEP ISLAND)

LOCATION-South end of Steep Island.

Lat. 50°04'40" Long. 125°14'55"

Uncertainty - 100 metres.

Mining Division Nanaimo District Sayward

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

Andesitic volcanic flows of the Karmutsen formation dip slightly to the south and vary in texture from amygdaloidal to a fine-grained compact rock. The mineralization, mainly chalcocite, occurs as disseminations or within amygdules and is concentrated along a zone of shearing. A shipment to the Tyee smelter in 1909 assayed 0.44 oz. silver and 3.06% copper.

Associated minerals or products of value - Silver.

## HISTORY OF EXPLORATION AND DEVELOPMENT

Copper showings occur on both Steep and Gowlland Islands, in Gowlland Harbour, on the west side of Quadra Island.

Valdez Island Copper Company, which was apparently a United States incorporation, held claims covering most of Steep Island in the early 1900's. The mineralized zone at the south end of the island was explored by numerous trenches and pits over an area 100 x 600 feet. Ore shipments were reported made to the Tyee smelter in 1909 and to the Tacoma smelter in about 1916.

On the Gowlland Island showing an adit was driven 120 feet, within which a shaft 20 feet deep and a raise of 15 feet were driven.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines; British Columbia: 1906,  
p. 203; 1907, pp. 153, 160; 1914, p. 382; 1916,  
p. 349.

Bancroft, J.A.; Geology of the Coast and Islands between  
the Strait of Georgia and Queen Charlotte Sound;  
Memoir 23, p. 127, Geol. Surv. of Canada, 1913.

MAP REFERENCES

Map 65 A, Coast & Islands between Strait of Georgia and Queen  
Charlotte Sound, (Geol. ), Sc. 1":4 miles - accomp.  
Memoir 23.

Map 93 K/3, Quadra Island, (Topo.), Sc. 1:50,000.

REMARKS

JULY 1973

BCI 92K-113.