

PRODUCT

COPPER

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 92 K/3

REF. Cu 7

NAME OF PROPERTY

WHITE SWAN (SUNRISE)

OBJECT LOCATED—as given in Description of Property.

UNCERTAINTY IN METERS -500. Lat. 50°11'05" Long. 125°15'35"

Mining Division Nanaimo

District

Sayward

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

This property lies in a series of interbedded limestones and greenstone. On the White Swan claim a large pit has exposed three parallel mineralized fracture zones, all of which are included in a width of 18 feet. These zones strike about N72°E. Mineralization consists of pyrrhotite, chalcopyrite, arsenopyrite and pyrite in a gangue of quartz, garnet and epidote. A sample taken across the central part of this showing contained a trace of gold, no silver and 0.62% copper.

Associated minerals or products of value

## HISTORY OF EXPLORATION AND DEVELOPMENT

This property is situated about three and a half miles southeast of Granite Bay on Quadra Island. In 1910 it was known as the White Swan Group, consisting of the White Swan, Mystic Cave and Sunrise claims and owned by Canadian American Exploration Company, Limited. Development work consisted of a considerable amount of surface work and a 50-foot shaft with more than 100 feet of drifting at the bottom of the shaft.

The 1913 Summary Report (Geol. Surv. of Canada) referred to the property as the Sunrise Group, owned by Messrs. W. Stramberg and W.L. Cameron. It also included the adjacent Geiler claim (92 K-3, Au 2).

In 1969 Western Mines Limited acquired by option and staking a total of 202 claims in the Copper Road (92 K/3, Cu 4), Lucky Jim (92 K/3, Au 1), Sunrise and other groups. Exploration work during 1969 and 1970 included geological mapping, induced polarization, magnetometer, and geochemical surveys, percussion drilling totalling 1,500 feet in 9 holes and surface diamond drilling totalling 4,852 feet in 9 holes.

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

511690 \*

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1910, pp. 159, 166; 1913, pp. 285-286.

Geology, Exploration and Mining, British Columbia Dept. of Mines: 1969, p. 211; 1970, p. 280.

Bancroft, J.A.; Geology of the Coast and Islands between the Strait of Georgia and Queen Charlotte Sound; Memoir 23, p. 134, Geol. Surv. of Canada, 1913.

Cairnes, D.D.; The Lime Belt, Quadra (South Valdes) Island; Summary Report, 1913, p. 72, Geol. Surv. of Canada.

MAP REFERENCES

Map 65 A, Coast and Islands, (Geol.), Sc. 1":4 miles - accompanying Memoir 23.

Map 120 A, Quadra Island, (Geol.), Sc. 1":4 miles - accompanying Summary Report of 1913.

Map 92 K (MI), Bute Inlet, Sc. 1:250,000 - B.C. Dept. of Mines, 1959.

\*Map 92 K/3 W, Quadra Island, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	C.D.						
Date	10-73						

BCI 92K-59.