

NAME OF PROPERTY **WILLOW GROUSE (COOKE ZONE)**

Centre of lots on  
**LOCATION** Map 92 B/5 E.  
 Uncertainty - 200 m.      Lat. 48°21'40"      Long. 123°41'10"  
 Mining Division **Victoria**      District **Sooke**  
 County      Township or Parish  
 Lots **135, 136, 141-145**      Concession or Range  
 Sec.      Tp.      R.

**OWNER OR OPERATOR AND ADDRESS**

Canadian Javelin Limited.

**DESCRIPTION OF DEPOSIT**

The Sooke Peninsula is underlain by a differentiated gabbroic intrusive of Tertiary age. Chalcopyrite, pyrite, pyrrhotite and magnetite are found in altered rocks along zones of shearing. The major shear zone strikes N50°E.

Associated minerals or products of value - Gold, silver.

**HISTORY OF EXPLORATION AND DEVELOPMENT**

The Willow Grouse Group is located in the northwest section of Sooke Peninsula, about 15 miles southwest of Victoria. The elevation ranges from 200 to 600 feet above sea level, on the northwestern slopes of Mount Maguire. The property covers 316.66 acres, consisting of the Willow Grouse, Willow Grouse Fraction, Sydney, Jack, Donaldson, Garden Thrush, and Blue Bird claims. These were staked by Alex Donaldson around 1901. Soon after A.B. Thompson and associates acquired the claims and received Crown-grants for them in 1908. During 1915 and 1916, the property was leased to Willow Grouse Syndicate who shipped ore to the Tacoma smelter. During the next two years the property was leased to the Ladysmith Smelting Corporation. In 1925, the Willow Grouse, Blue Bird, Donaldson and Jack claims were acquired by Alice and Charles Brennan, the others having reverted to the Crown.

Late in 1947, F. Cooke, H.H. Huestis, F. Merryth, G. Griffin and associates relocated and took leases on mineral claims over the old copper properties on Sooke Peninsula. The ground covered by the Willow Grouse Group was known as the Cooke Zone. In 1951, they conducted magnetic, electro magnetic, geological surveys.

Around 1970, Norlex Mines Limited leased 28 claims from San Juan Copper Co. Ltd., which is controlled by Canadian Javelin Limited. These claims include the Willow Grouse and Margaret (see 92 B/5, Cu 2) properties. A programme of diamond drilling was reported.

## HISTORY OF PRODUCTION

Between 1915 and 1918, 1,413 tons of ore were shipped from this property. This yielded 9 oz. of gold, 281 oz. of silver, and 135,368 lb. of copper.

## REFERENCES

Reports of Minister of Mines, British Columbia; 1904, pp. 254-256; 1907, p. 154; 1908, pp. 164, 252; 1915, p. 447; 1916, pp. 309, 310, 366, 519; 1917, pp. 261, 262; 1918, p. 303; 1925, p. 450; 1928, p. 362; 1929, p. 368; 1931, p. 161; 1948, pp. 162-166; 1951, p. 200; Index 3, p. 218.

Mineral Resources Branch; Corporation Files: "Norlex Mines Limited".

Clapp, C.H.; South Vancouver Island; Memoir 13, pp. 174-180; Geol. Surv. of Canada, 1912.

Clapp, C.H., and Cooke, H.C.; Sooke and Duncan Map-Areas; Memoir 96, p. 327, Geol. Surv. of Canada, 1917.

## MAP REFERENCES

Map 167 A, East Sooke, (Geol. & Topo.), Sc. 1":2,000 ft.;  
Accomp. Memoir 96.

Maps 92 B/NW and B/SW (Parts of) (MI), Preliminary Mineral  
Inventory Map, Sc. 1":2 miles; B.C. Dept. of Mines and  
Petroleum Resources.

\*Map 92 B/5 East, Sooke, (Topo.), Sc. 1:50,000.

## REMARKS

JULY 1973