

005986

ANNUAL REPORT OF THE MINISTER OF
MINES FOR THE YEAR 1937

92c/95

92c-40

40

PART F - Special Report

by

John S. Stevenson.

CROWN GROUP:- This group is reported to have consisted of 8 claims, the Crown and Crown Numbers 1 to 7, staked in 1930, and to have been owned by Pete Pearson of Cowichan Station and associates.

The workings are at an elevation of approximately 2000 feet on a burnt-over hillside sloping south-easterly into Long creek. They are approximately 1/2-mile north-eastwards and upstream from the junction, at an elevation of 900 feet, of this creek with Robertson river.

The workings and old camp-site may be reached by following the logged and burnt-off hillside upstream along Long creek from the Alpha-Beta workings. The Alpha-Beta workings are reached by following the grade of the Victoria Milling and Lumber Company south-westward from the village of Cowichan Lake to Camp 10 (as of October, 1938), at an elevation of approximately 900 feet.

The workings consist of 3 large strippings as shown on the accompanying sketch plan. The dirt walls of these strippings have sloughed but the relatively resistant areas of mineralization outcrops quite prominently within the stripped areas.

The mineralization consists of irregular areas of abundant magnetite (iron oxide) and lesser amounts of chalcopyrite (copper pyrites) in a lime-silicate gangue that consists largely of the lime pyroxene, diopside, the iron-lime garnet, andradite, epidote and occasionally a little rayed actinolite. The distribution of the mineralized areas is very irregular, and structural control of their occurrence is not evident.

There is very little unaltered rock in the vicinity of the mineralized areas and what does occur is a dioritic greenstone containing varying amounts of diopside. This rock grades into a phase carrying abundant diopside (lime-pyroxene) towards and finally into the lime-silicate gangue of the magnetite-chalcopyrite areas.

The showings as exposed, do not indicate any commercial bodies or ore. There does not appear to be work any more recent than that reported to have been done by the American Smelting and Refining Company, as optionees, in 1930.

.....