

THE GEOLOGY AND ORE DEPOSITS
OF
PHOENIX
BOUNDARY DISTRICT, BRITISH COLUMBIA

BY
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CHAPTER I.

INTRODUCTION.

General Statement.

The Boundary district entered the ranks of the copper producing centres of British Columbia in 1900, and ever since has held the leading place in the Province, and for some years has been the premier copper producing district in Canada. According to the annual reports to the Minister of Mines of British Columbia, the ore mined and smelted in the Boundary district during the first decade (1900 to 1909) of production, contained 247,895,303 pounds of copper, as well as an important amount of gold and silver.

The principal mines of the district are: the Knob Hill-Iron-sides, Gold Drop, Rawhide, Monarch, Snowshoe, and War Eagle, situated at Phoenix; the Oro Denoro and Emma at Summit; and the Mother Lode and Sunset at Deadwood near Greenwood (Fig. 1, p. 13).

Phoenix afforded exceptional facilities for the study of the relations of the ore bodies through the extensive underground development of the several mines, and a detailed survey was made of the camp during the summer of 1908. The primary object of the survey was to secure all available information regarding the enormous low grade ore bodies and their geological relations, which, when properly correlated, it was hoped might

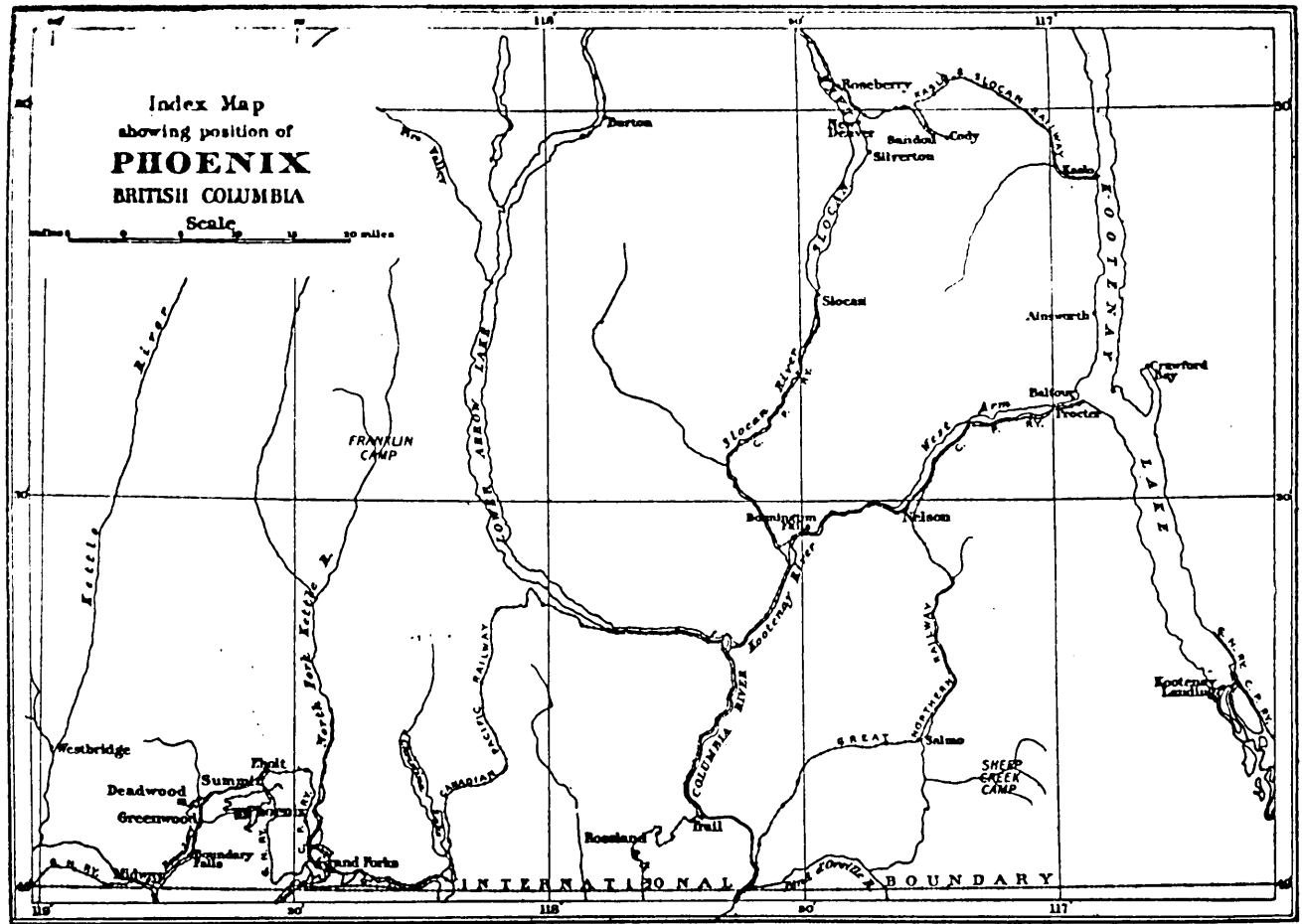
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 The writer wishes to
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Fig. 1



PHOENIX BOUNDARY DISTRICT