

Wheaton District, Southern Yukon.¹

(D. D. Cairnes.)

INTRODUCTION.

The early part of the past season (1915) was spent in Wheaton district, southern Yukon. During the summer of 1909, the writer made a photo-topographic survey of this area, and at the same time made a geological examination of the district. The geological mapping was, however, necessarily of only a preliminary nature, owing to the fact that at the time no topographic map was available upon which to plot the various geological formations, and all geological outcrops, contacts, etc., had to be recorded in note form only, which is at best very unsatisfactory. The topographic work performed by the writer in 1909 was compiled by the topographic division of this Department, and advance sheets suitable for field work became available last spring, affording thus an opportunity to revise the previous geological mapping in a satisfactory manner, using this map as a topographic base. Another important reason for performing geological work in Wheaton district at this time, was that a number of important deposits of antimony minerals were known to occur within the area, which have been more or less developed since 1909, and since the war there has been an increased demand for antimony and its price has advanced greatly. The writer accordingly received instructions to revise the geological mapping of Wheaton district, and to make an examination of the mineral deposits occurring within its boundaries, particular attention to be paid to those containing antimony minerals.

¹ For further information concerning the geology, mineral resources, topographic and other features of Wheaton district, the reader is referred to the following more detailed report:
Cairnes, D. D., "Wheaton district, Yukon Territory"; Geol. Surv., Can., Memoir No. 1912.