

whilst the remainder describes items of general or specific interest to mining men, such as accidents, mining schools, etc. The closes with the *fifth* report of the Inspector of Mines.

MAPS—Two maps accompany the Report and bear more particularly on the geological resources of the Rainy River district, showing all mining locations filed up to date in the Department of Crown Lands, June, 1895.—H.M.A.

*Fifth Report of the Bureau of Mines, Toronto, 1895.* Published by the Legislative Assembly of Ontario, Toronto, 1896.

In this report, just received, the Director of the Bureau of Mines for Ontario discusses the important and growing industry of gold mining. Besides this, the economic value and relations of nickel, copper, gypsum, salt, petroleum, natural gas, and graphite for Ontario are given.

Section II contains Dr. A. P. Coleman's "Second Report on the Gold Fields of Western Ontario" from p. 47 to p. 106. Prof. Coleman quotes extensively from Dr. Lawson's report on the "Geology of the Lake of the Woods Region," in part CC. of the Geol. Survey of Canada, Rep. for 1885 and other geological survey reports. Bag Bay, Shoal Lake, the Manitou region, Lake Wabigoon and Lonely Lake region, Sandy Lake, Lake Minnetakie, Abraham's L., and Pelican Lake, the Seine River region, Vermilion and Shoal Lake, Little Turtle River, Sheep Rock Lake with other gold locations and regions are reported upon in detail accompanied at times by diagrams and cuts showing the mode of occurrence of the various rock formations. Iron and silver locations are also described.

The report closes with chapters on the "Glacial and post-glacial deposits," pp. 87-93, quoting extensively from Dr. Dawson, Dr. Lawson, Mr. Tyrrell, Mr. Upham and other writers, adding several "stratigraphical and petrographical notes," pp. 94-105. Maps of parts of the Rainy River district, exhibiting the Seine River and Rainy Lake regions, also the Manitou, Wabigoon and