

M. These reports are accompanied by maps showing the topography and geology on the scale of 8 miles to 1 inch. The report Part M. Vol. IX, which is more detailed than the other, describes the geology of the southwestern part of the Province. Some attention is given to the topography and the surface geology, and to the dependence of the country's industries on the character of the glacial deposits. The rocks of different areas are described and the sedimentaries are divided into three great divisions, "Black Slate," "Banded Argillite," and "Quartzite." The metamorphic rocks near Yarmouth which had been considered by some as possibly of different age from the slates and quartzites, received some close study, and the conclusion was reached that they are only altered equivalents of the gold-bearing series, which varies quite a little in composition. The report closes with a brief description of the most important mining districts.

Detailed work was done by J. E. Woodman, in the Moose River district, and his description of this district was accompanied by photographs, diagrams, sections, and plans showing topography, geological structure, and the location of the veins. The geology, mineralogy, and vein structure are minutely described. Woodman has also contributed other papers on the gold-bearing series in one of which he gives suggestions as to classification and in another of which he discusses the question of age.

The man who has contributed more than any other to our knowledge of the gold-fields of the Province is E. R. Faribault of the Geological Survey. He has spent many years in field work studying the geology and ore deposits, and in mapping and constructing plans and sections, and is to-day regarded as the authority on the subject.

In continuance of the policy of mapping Nova Scotia on a scale of 1 mile to 1 inch, the work, which began in Cape Breton, was carried to the mainland in Guysborough in 1882. Faribault was engaged in this work under H. Fletcher who was in charge until 1885, when the task of mapping the gold-fields was entrusted to the former. The work which began in the east has been carried westward, and is still in progress. The map of the Province is being published in a series of sheets, each of which represents an area 18 miles by 12 miles, is numbered and bears some characteristic name as "Windsor Sheet," "Tangier Sheet," etc. The numbers on the sheets correspond to those on the index map of the gold-fields.