

REPORT
ON THE
GEOLOGY OF THE BASIN OF NOTTAWAY* RIVER
WITH A MAP OF THE REGION

1900

The present report relates to the geology of the extensive region lying to the south-eastward of James bay or between the upper Ottawa and the Rupert river, which was explored and partly surveyed by myself and assistants in 1895 and 1896. My summary reports for those years, already published, contain general descriptions of this region, including its topography, physical features, character of its rivers, soil, timber, climate, geology, &c. Since the publication of these reports, a map, on a scale of ten statute miles to an inch, has been prepared, showing the results of our surveys and explorations, and on this I have laid down the distribution of the various kinds of rocks observed, with as much accuracy as our examinations permitted, together with notes on their characters, the dips, strikes, directions of glacial striae, &c.† It is considered desirable to supplement the outlines of the geology contained in the above mentioned summary reports by a general description and it is the object of this report to supply this. Before doing so, however, I shall briefly recapitulate the means by which our surveys and explorations were accomplished.

Those portions of the topography shown upon the map which have not been compiled from our own surveys and explorations are taken from the maps of the Crown Lands Department of the province of Quebec, and represent field-work done by Provincial Land Surveyors Henry O'Sullivan, John Bignell, Lindsay Russell, and others. The resulting map, herewith presented, shows both the geography and the geology in sufficient detail to obviate the necessity of lengthy descriptions.

Grand Lake Victoria, on the Upper Ottawa river, was made the starting point of our work both seasons. In 1895 I was accompanied by six voyageurs and by Mr. Alexander Barelay as a non-professional assistant.

*This word is pronounced Noddaway by the natives of the region, but the government geographic board has decided to call it Nottaway.

†This information will not be repeated in the text of the present report.