

TO GEORGE M. DAWSON, C.M.G., D.S., F.G.S.,

Director Geological Survey of Canada.

SIR,—I beg to present herewith a report on the country explored during four months of the summer of 1893. It is necessarily of a preliminary character, as the exploration was intended as the commencement of further examinations of the area lying between Lac Seul and the Berens River, and from Cat Lake westward to the Winnipeg map-sheet.

No published maps of this district give more than rough sketches of any of its details, and the geological features have been previously known only from cursory explorations.

The map accompanying this report is compiled from careful log-surveys of the lakes and estimated traverses of the streams, checked by latitude observations. The base to which the whole is referred, is founded on a micrometer and transit survey of the English River made by Mr. Thos. Fawcett, D.T.S., in the summer of 1885.

I was assisted during the above period by Mr. J. C. Gwillim, then a student at McGill College, and to him are to be accredited the surveys of several of the smaller lakes shown on the map.

Besides showing many lakes and streams not hitherto mapped, the outlines of the Red Lake Huronian band, as well as part of the newly discovered Woman Lake Huronian area, are indicated, and these areas are briefly described.

I have the honour to be, sir,

Your obedient servant,

D. B. DOWLING.