

Preliminary Note on the Limestones of the Laurentian System.

By **ELFRIC DREW INGALL.**

GEOLOGICAL SURVEY, OTTAWA.

In view of the attention which is now being directed to the above mentioned subject, in connection with the work of the Geological Survey of Canada in the Laurentian area lying north of Ottawa, it is deemed a fitting time to record the observations and conclusions of the writer on the question above denoted.

These observations were made whilst studying the mode of occurrence of the phosphate deposits of the county of Ottawa, Province of Quebec in the years 1888, 1889 and 1890, and have not before been presented to the public owing to the pressure of other duties in connection with the supervision of the division of Mineral Statistics and Mines of the Geological Survey. A fuller and more complete statement of results must even yet await the evidence to be adduced from a microscopical study of the very complete series of rock specimens collected.

At the commencement of the investigation with a view to prevent any prejudice in observation special care was taken to avoid any preconceived theoretical bias and the

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