

have been given up practically untested. Renfrew is the only locality which produces marble at the present time. Some wealthy and patriotic citizen of Toronto or of some other of our cities would be doing a good service to the country if he would erect a residence of marble, and thus show that we have material as good as is to be found elsewhere. There is a marble residence in Brockville, but the material was brought from New York State. Marble should also be used in some of our public buildings. What an advertisement it would be if considerable marble had been used in the Science Building now being erected in this city! How long, having the resources we do, shall we continue to import our marble from Maine, Georgia and other states?

Jasper, agates, porphyries and other rocks and minerals used for decorative purposes are found in considerable variety here, but little use is made of them. The tourist on Lake Superior who buys a polished agate, for the reason that it is said to be found on the shores of that inland sea, and he desires it as a memento of his trip, often "gets taken in." Most of these agates originate in South America. They are taken to Germany, where they are polished and stained, and shipped abroad to be sold to gullible tourists. These agates are about on a par with specimens that formerly were sold to tourists at Niagara Falls. The hawkers used to solemnly affirm that the rock represented the solidified foam which gathers at the base of the Falls.

Limestones enter into probably more industries than do any other rock or mineral. The uses to which they or their constituents are put are almost innumerable, and the varieties of these rocks which are required by one industry or another are numerous. The older part of Ontario contains limestones adapted to use in any industry. We have those which are practically pure calcium carbonate. These are found among the rocks of the Laurentian series, the Grenville, and in the Cambro-Silurian, the Chazy, Bird's Eye and Black River, and Trenton, being normally of this character as are those of the Devonian, the Corniferous and Hamilton, and recent marls. While others of the Grenville series and of the Upper Silurian system—the Clinton, Niagara, Guelph