

resemble very much those of Grelville on the Ottawa. They abound in veins of chrysotile, present a very rough weathered surface, and appear to be devoid of Eozoon.

In North Burgess, which adjoins Dalhousie, is found massive and nearly pure serpentine. Eozoon Canadense has been found in the serpentine limestone of this township, from which are also reported pure dolomites, with grains of steatitic pyroxene and green or yellowish-green serpentine, also accompanied by Eozoon.

About 20 miles farther south, and in the township of Loborough, county of Frontenac, white and coarsely crystalline dolomite is seen on lot 4, range X. This dolomite leaves, when dissolved in acids, a residue of quartz and serpentine, and contains traces of oxyd of iron and of phosphate.

Serpentine of probable Laurentian age is believed to occur on Wolaston or Hatchet Lake, as well as at the head of Reindeer Lake. Dr. Lawson reports having met serpentine in the Keewatin area, on the west side of Clear Water Lake, a tributary of Rainy Lake. This rock is massive and occurs there in a band, immediately followed to the west by hornblende schist and to the east by another band of green hornblende schists and altered traps. Another mass of serpentine, in very analogous position, is seen on South Bay of Lake Despair, and Dr. Lawson reports this as occurring with some degree of constancy in the middle portion of the Keewatin trough, and thinks these serpentines are the altered remains of olivine rocks. A small boss of this rock has also been examined by the same gentleman at the south-west end of Sucker Lake, coming in with green schist. Dr. Lawson, speaking of the serpentines of the Keewatin area of the Lake of the Woods, says :

"This interesting class of rocks is not of extensive occurrence in this area, but is found irregularly distributed in patches of rather ill-defined character and extent." Of the Wiley Point serpentines he speaks thus :

"The quartz-porphry occupies the greater portion of a small island two and three-quarters miles south-west of Wiley Point, and is evidently associated with a mass of serpentine which occupies a small island beside the north, and the neighboring point on the main shore a little to the south-west. The serpentine on this point presents no definite relations