

[1885.]

lime burning have been carried on for some years. The stone belongs to the Lower Carboniferous formation and the resulting lime is of excellent quality and has a high reputation all over the country. The great competition with kilns in the vicinity of St. John has to a certain extent retarded the progress of operations in this direction. Much of the limestone about Hillsborough is highly bituminous, and the quantity is practically unlimited.

The marble of Five Islands has already been described in the chapter on pre-Cambrian. It is, in so far as can be seen, so penetrated by diorites, and as a consequence so shattered, as to render the extraction of large sound blocks very doubtful.

Building Stone and Grindstone.—Of the former, quarries of excellent quality and of established reputation are found at many points throughout the Carboniferous area. In New Brunswick these are principally confined to the Millstone-grit portion, and occur at Curryville and other places along the Demoiselle Creek, at Boudreau and Rockport on the point between the Petitcodiac and Memramcook Rivers, and at Mary's Point and Grindstone Island in the upper part of Shepody Bay. In the Upper Carboniferous formation a quarry was opened some years ago at Wood Point, below Sackville, which, from the lay of the rock and the color, promised excellently, and a large amount of money was spent in developing. The presence of small pebbles of soft red shale, however, was found to be so prejudicial as to affect the value very seriously, and the quarry is now closed.* The color of the stone in the Millstone-grit area varies from grey to brown, and at some of the quarries blocks of any required size can be obtained.

In Cumberland county, N.S., quarries of building stone are found, principally in what is regarded as the upper formation on the Wallace River and at several places along the north shore, from Tidnish Head eastward. The stone is both brown and grey, and generally of excellent quality. Fine quarries also have been worked in the Millstone-grit near the Intercolonial, in the vicinity of River Philip, and also at Claremont Hill. A beautiful series of reptilian footprints was obtained from the slabs at these quarries some years ago.

The building of the Intercolonial caused many quarries to be opened in this section of the country, some of which yielded a very excellent building stone. Many of these have, since the completion of the line, been closed, the cost of transport being against the profitable shipment of the stone, though some of them are still worked to a limited extent on local orders.

Grindstones.—These are manufactured in large quantity, principally

* Recently re-opened, 1885.