

colour, and the other volcanic, embracing a variety of doleritic, trachytic, and amygdaloidal rocks disposed in successive sheets as the evident result of repeated lava flows. It has been usual to regard both of these groups as being of New Red sandstone or Jura Trias age. But at present there is, in this region, absolutely no proof that such is their true position, while observations made elsewhere, in rocks of similar character and associations, at least make the reference somewhat doubtful.

By far the best opportunity for the study of the sandstones is afforded by the shore section closely adjacent to the so-called "sea wall," about six miles from Digby, in the settlement of Rossway. At this point is exposed a series of bluffs which, both by their height and colour, form a striking feature in the landscape. The section is nearly half a mile in length, gradually rising with the dip of the strata from the water level at the northern end to quite one hundred feet at the southern. This height above the sea level is not very different from that seen on the road from the town of Digby to Digby Light, and would indicate that the depression in which these sandstones were deposited, and which must at one time have connected the waters of Annapolis Basin and St. Mary's Bay, must have had at least a corresponding depth below its present level.

In character the sandstones are not unlike those seen at various points in the Annapolis valley, but they lack, as far as observed, the gypsiferous aspect which is so marked a feature in the sandstones which underlie the traps of Blomidon. The prevailing colour is a brick-red, of light and dark shades. At intervals it is interstratified with light green bands varying in width from half an inch to 5 or 6 inches. The green bands especially characterize the lower beds, and these are also distinctly more arenaceous than the beds above. On one of the reefs laid bare by the tide was observed what appeared to be a tree-trunk several feet in length, together with some obscure branching markings, which resembled tracks, but both were obscure, and nothing else of this nature could be found.