

This division, the Third in the order of this Report, will coincide with the limits of Frederick county. In its mineralogical and geological relations, it is intimately associated with the preceding division, which has previously been stated to consist of primary rocks. At its eastern boundary it commences with the Clay slates and Chlorite slates, usually classed among the primary rocks. With these it insensibly passes into that series of rocks described in systematic works under the head of the Grauwacke groupe and from these again to the Red Sandstone, and Carboniferous groupes.

In a scientific point of view it would be a matter of great interest to assign the precise line of demarcation between these different groupes of Rocks: while the practical application of the result would also prove of importance. The task however, is not an easy one, owing to the fact already mentioned, of the very gradual passage of one series into the other; nor for present purposes is it required.

This division, then, viewed generally, may be described as consisting of large stratified masses of arenaceous and slaty rocks, intermixed with deposits of limestone and conglomerates of considerable extent. Many of the rocks embraced within it are metalliferous.

Among the arenaceous rocks which it comprehends, there is an abundant supply of excellent building materials—rendered now available in the facility of transportation by the Chesapeake and Ohio Canal. It is not necessary to indicate more than a few localities..

The quarries of white and colored sandstone, at the foot of the south-western slope of the Sugarloaf