

base of the Warrior mountain; but much the larger part passes through the mountain and issues from its opposite side. There is no doubt from this of the existence of a large cavern under the mountain, which is composed of that variety of limestone already designated as cavernous.

Warm Springs occur on the south side of the mountain; but in consequence of their present neglected state, their natural temperature could not be ascertained.

The Fifth and last Geological division, which it is deemed expedient to make, comprehends the remaining portion of Allegany county, Westward of Wills' creek. Some general remarks concerning this very interesting part of the State, comprising its deposits of Bituminous coal, and the Iron ores frequently associated with them, will conclude what the undersigned have to report on the Geology of Maryland.

The carboniferous groupe of rocks, forming the most prominent Geological feature of Allegany county, consists principally of beds of Sandstone, Slate, Shale, and Coal, irregularly interstratified; besides which, it embraces formations of red sandstone, whinstone and carboniferous limestone; and, what is of more importance, considerable deposits of iron ore.

In reference to the agricultural resources of the coal districts, which may be described as hilly, it is found that the soil upon them being a mixture of decomposed slate and limestone with sand, is in general very fertile, and yields abundant crops of grain, principally oats, of a very superior quality. Within a few years, the cultivation of the tobacco-plant has been commenced, and in the newly cleared lands, is produced the bright-leaf staple, which always commands a high price.