

is very necessary that their extent and comparative value in the production of lime for agriculture, be determined correctly. She has Soap stones; and her limits extend to the Slate formation on the Susquehanna. Her iron ores are of very rich quality. The Chrome ores and Magaesian earths exist in abundance; and pyritous copper, occurring with the chromiferous iron ores, has been found near Cooptown.

Baltimore county presents nearly the same mineralogical constitution as Harford county. Her limestone formations furnish the greatest porportion of the lime embraced in the estimate given on a preceding page, of the quantity annually inspected and consumed; while it is likewise extensively quarried for marble, which is obtained of a fine quality for most architectural purposes, and is used also for the more ordinary kinds of statuary. The mineral called Graphite, which is a mixture of carbon and iron, but is better known under the improper name of black lead, has been observed on the Gunpowder. Sulphuret of Molybdenum, also, which yields an acid that in combination with the oxides of some other metals produces salts of lively and permanent colors, and capable of being applied in the art of dyeing, occurs in this country, but to what extent has not yet been determined. The same uncertainty rests on the occurrence of lead and zinc, which has been by some confidently asserted.

Anne Arundel county supplies the porphyroidal Granite now so generally employed for the embellishment of Baltimore city. Several localities of other varieties of this rock, which it would be superfluous to mention at present, have been observed on the line of the Rail Road, along the western branch.