

**PORCELAIN MATERIALS.**—The porcelain materials of Maryland, which comprise flint, feldspar and kaolin, have been relatively little worked, although it seems probable that valuable deposits of these materials may be looked for in many portions of the Piedmont belt. Their manner of occurrence in crystalline rocks is such that close examination is necessary for their accurate location, but the proposed investigation which will be given to the whole crystalline area will undoubtedly develop many new deposits of these materials.

**MARLS.**—The marl deposits of Maryland have been worked from time to time for nearly a century. They received the attention of the First Geological Survey and of the subsequent State Agricultural Chemists, and since then analyses have been made from time to time by the chemist of the Agricultural Experiment Station. It is desirable that this work should be continued and that the location and extent of these marl beds, which cover so wide an area in eastern and southern Maryland, should be fully determined. It is particularly important that the agricultural interests of the counties where these natural fertilizers abound should realize the value of their own resources.

**IRON ORES.**—The iron ores of Maryland have from the earliest times been a source of great profit to the state of Maryland. The earliest blast furnace was built within the limits of the state, and local ores since early colonial days have been smelted both in Maryland and adjacent states. On account of the discovery of larger and more easily worked deposits in other portions of the country, the iron industry in Maryland has in later years suffered a considerable decline, but notwithstanding these facts extensive deposits are still known to exist, and the carbonate ores are to-day worked with profit. The State Geological Survey has in view the location and study of these deposits with the view of bringing them to the attention of the people.

**COALS.**—The coal deposits of Maryland have perhaps been more fully explored and extensively worked than any other of our mineral resources. In Allegany county, especially, the coal operators are well informed as the result of private enterprise, regarding their coal seams, but in Garrett county little has yet been done toward the devel-