most attractive variety consisting of light-green serpentine and pink dolomite. Peck says that some of the "blocks were said to have been sold in New York at from $2.50 to $10.00 per cubic foot in the rough, or . . . from $50.00 to $120.00 per ton." The various kinds of serpentine were also cut into decorative slabs for mantels, base-boards, and other structural uses. Beginning about 1905 H. A. Schweyer and Son operated for several years a quarry along the left bank of Bushkill Creek for the production of floor tile. The serpentine was cut into thin one-inch squares. These were polished and when set in cement or plaster produced a beautiful floor.

The irregular and heterogeneous character of the rock, the absence of bedding planes or regular system of joints always made it difficult to get slabs of any considerable size and also resulted in an undue amount of wastage. This waste material was ground for mineral filler.

At the Williams quarry the material is sorted into two classes. The harder rock, containing much tremolite, quartz or hard serpentine, is sorted out for coarse grinding in a mill at the entrance of the quarry. It is crushed and graded by screens into sizes ranging from one-eighth to one-half inch in diameter and marked for terrazzo. After being mixed with cement, polishing the surface brings out the attractive colors.

The fines from the terrazzo material and the softer rocks are pulverized for filler purposes at the West Easton plant of C. K. Williams & Co. The rock is ground and air-floated to a size that will pass through a 325-mesh screen. The product enters into a variety of manufactured articles such as paint, rubber, and paper.

It is reported that carefully picked material from some of the quarries has been used in the production of talcum powder. Probably this is true as it is possible to find considerable rock composed almost entirely of light-green to white tale.

Quartz-Sillimanite-Mica Schist ("Soapstone")

In several places in the area of gneiss in the county there are rocks that contain large amounts of quartz, mica (sericite), and sillimanite. Rock in which the sericite is especially abundant feels "soapy," somewhat like tale, and it is locally known as soapstone. Actually it contains only minute amounts of tale. Under the misapprehension that the rock was soapstone, a quarry was opened in it southeast of Smith Island (Island Park). The rock was hauled from the quarry to Easton to be ground for paper filler. Similar material from Lehigh County used several years ago by the Bethlehem Steel Co. for furnace lining is reported to have been satisfactory for this purpose.