Behr's report contains individual descriptions of 178 quarries that have been operated in Northampton County, most of which, however, are idle.

**Serpentine and Talc**

The narrow band of serpentine that crops out along the southern slope of Chestnut Hill throughout its entire length continues a short distance across Bushkill Creek and across the Delaware River into New Jersey. Two other openings a short distance northwest of Chestnut Hill expose similar rock. This occurrence is famed for the variety of minerals that have been found here, some of which are extremely rare. These are described in the chapter on Mineralogy. The serpentine and talc have long been quarried in several places in Northampton County and in Warren County, N. J. Considerable asbestos is present but it is of no value.

The most complete report thus far published appeared in 1911. Considerable information is abstracted from this report, which is out of print and scarce.

The rock in this belt ranges from soft greenish-white talc through light-green serpentine containing considerable light pink dolomite in places, to a mixture of dolomite and tremolite. Prof. Peck believed that the original rock was a pre-Cambrian dolomitic limestone such as contains the important zinc ore deposits at Franklin Furnace, N. J. This marble was intruded by pegmatites, of which one massive dike is exposed near the bottom of Williams quarry.

Quarries have been opened along the south side of Chestnut Hill, but mainly along the Delaware River and Bushkill Creek, both of which streams cut through the serpentine band. In 1938 the only quarry in operation is the one along the Delaware River Highway. It is owned and operated by C. K. Williams & Co., Easton. Quarrying is reported to have been done here in 1883. The beginning is not known.

The rock in each of the quarries is of varied character, in mineralogical composition, in color, and in hardness. The serpentine ranges in color from dark olive-green to almost white. The white to pink dolomite is prominent in the quarry at times and on other visits may scarcely be noted at all. The talc, tremolite, asbestos and minor minerals are likewise irregularly distributed throughout the quarry.

The stone has been used for different purposes. Evidently the earliest use was for interior decoration. The term "verdolite" (coined from the terms verd-antique and dolomite) was coined for the

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