

Prepared by the local committee of the Amer. Inst. Min. Eng., Baltimore, 1892.

Includes data on various industries and the following papers: 1. *Geology of the Crystalline Rocks*, by G. H. Williams. 2. *Physiography of the Region and Geology of the Sedimentary rocks*, by N. H. Darton. This book is accompanied by a preliminary edition of the Baltimore sheet of the U. S. G. S.

——— *The Volcanic Rocks of South Mountain in Pennsylvania and Maryland.*

Amer. Jour. Sci., 3rd ser., vol. xlv, 1892, pp. 482-496, map, plate x, figs. 1-8.
Scientific Amer. Supplement, July, 1893.

(Abst.) Amer. Natl., vol. xxvii, 1893, p. 273 (W. S. B.).

J. H. U. Cir. No. 103, vol. xi, 1893, pp. 45-47.

First identification of volcanic rocks in the Appalachians. The paper embodies many facts collected by Dr. Williams and by Miss Florence Bascom, upon which are based the general conclusions that the rocks are not sedimentary, as previously considered, but devitrified surface eruptives.

——— *The University and its Natural Environment.*

Johns Hopkins Univ. Cir. No. 96, vol. xi, 1892, pp. 54-56.

Uses Maryland as an illustration.

WILLIAMS, G. H., and CLARK, WM. B. Report on short excursions made by the Geological Department of the University during the autumn of 1891.

Johns Hopkins Univ. Cir. No. 95, vol. xi, 1892, pp. 37-39.

Describes various areas about Baltimore and Washington.

1893.

ANON. *General Mining News—Maryland.*

Eng. and Min. Jour., vol. lvi, 1893, p. 404.

Kaolin discovered near Northeast, Maryland.

BABB, CYRUS C. *The Sediment of the Potomac River.*

Science, vol. xxi, 1893, p. 342.

Contains interesting data concerning the sediments transported.

BASCOM, F. *The Structures, Origin and Nomenclature of the Acid Volcanic Rocks of South Mountain.*

Jour. Geol., vol. i, 1893, pp. 813-832.

Shows that the "quartz porphyries" were identical with modern volcanics, but have since been modified by devitrification. Such an alteration is indicated by the prefix "apo."

BIRKINBINE, JOHN. *Iron Ores.*

Mineral Resources U. S., 1891, Washington, 1893.

Brief references to the "brown ores" with a few statistics, pp. 12-27.