

Brammall and Leech furnish a detailed petrographic description of the rock strata overlying the coal. Differences in the degree of compaction and metamorphism establish a contrast between the shales of the bituminous and anthracite region. Anthracite, as would be expected, is associated with the higher pressure conditions.

A fairly complete suite of clay minerals is described in the clay-shal-slate sequence. The occurrence in the South Wales shales of primitive white mica (hydromuscovite, sericite or illite) is recorded. In addition both kaolinite and dickite are present in considerable abundance.

Petrologically the samples examined fall into two contrasted groups: (1) those from three non-anthracite mines, (2) those from anthracite mines. The chief contrast between the two groups lies in the degree of metamorphism that has been brought about by pressure.

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PAPERS PUBLISHED IN THE BULLETIN OF THE GEOLOGICAL SOCIETY
OF AMERICA OF SPECIAL INTEREST TO MINERALOGISTS

The following list of papers of special interest to mineralogists appeared in the July-December numbers of the *Bulletin of the Geological Society of America*. As indicated below some of these papers may be secured by writing to the Secretary of the Geological Society of America, 419 West 117th St., New York, N. Y.

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	Price
Archean sedimentation. By F. J. Pettijohn, pp. 925-972.	.45
Spectrographic analysis of New England granites and pegmatites. By John A. Shimer, pp. 1049-1066.	.15
Application of geology to the principles of war. By Charles E. Erdmann, pp. 1169-1194.	.20
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Packing in ionic minerals. By H. W. Fairbairn, pp. 1305-1374.	.40
Recrystallization and flowage in Appalachian quartzites. By Robert E. Fellows, pp. 1399-1432.	.35
Plagioclase twinning. By J. D. H. Donnay, pp. 1645-1652.	*
Unusual lamprophyric dikes in the Manhattan schist of New York City. By R. J. Colony and H. R. Blank, pp. 1693-1712.	*
Transportation and deposition of heavy minerals. By Gordon Rittenhouse, pp. 1725-1780.	*

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