



**EXPLANATION**

Outcrop trace of coal bed  
 Long dashed where approximately located, short dashed where inferred. Hachures show direction of dip.

Contours on bottom of contoured coal bed  
 Long dashed where approximately located, short dashed where inferred, in those places where a part of the bed lies beneath another part of the same bed, very short dashes are used for the lower bed.

Reverse fault, showing dip of fault plane  
 Long dashed where approximately located, short dashed where inferred, U, upthrown side, D, downthrown side. The trace of the fault in the downthrown and overridden block is shown by very short dashes.

Anticline, showing trace of axial plane  
 Long dashed where approximately located, short dashed where inferred.

Syncline, showing trace of axial plane  
 Long dashed where approximately located, short dashed where inferred.

**PLATE 6**  
**PRELIMINARY STRUCTURE CONTOUR MAP OF THE LOWER RED ASH COAL BED**  
**IN THE WYOMING VALLEY, NORTHERN ANTHRACITE FIELD, PENNSYLVANIA**

By  
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SCALE 1:10000  
 1000 0 2000 3000 FEET  
 CONTOUR INTERVAL 50 FEET  
 DATUM IS MEAN SEA LEVEL

Base map by Topographic Division  
 U.S. Geological Survey, 1947-1949

Structure contours prepared in 1962-1963 from maps supplied by Glen Alden Corporation, Lehigh Valley Coal Co., Sullivan Trail Coal Co., Pennsylvania Coal Co. and others, with modifications and structural interpretations by the authors. Map not edited for conformity with U.S.G.S. standards.