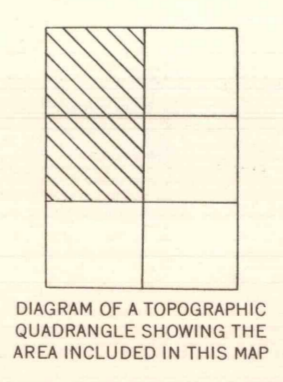


- EXPLANATION
OUTCROP MAP**
- Coal outcrop
 - High-angle fault, showing dip
 - Fault, showing relative movement
 - Thrust or low-angle reverse fault, showing dip
 - Anticline
 - Syncline
 - Overturned anticline
 - Overturned syncline
 - Structural cross section
 - Strip-mined area
 - Surface opening on coal bed
 - Exploratory trench
 - Cree fall
 - Mine waste
 - Stream transported waste
 - Boundary of mine
 - Warranty tract
 - Borough line
 - EXPLANATION
STRUCTURE MAP**
 - Outcrop of coal bed
 - Fault, showing relative movement
 - Fault cutting Buck Mountain coal bed, showing dip of fault plane, relative position of faulted segments, and overthrust segments
 - Shear zone
 - Anticline
 - Syncline
 - Overturned anticline
 - Contours on the bottom of the Buck Mountain coal bed
 - Structural cross section
 - Barrier pillar in contoured bed
 - Boundary of mine
 - Warranty tract

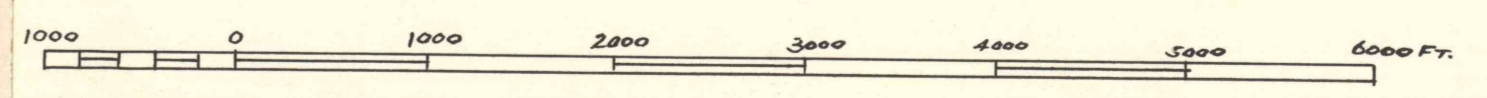


STRUCTURE MAP OF THE BUCK MOUNTAIN COAL BED

Prepared in 1952 from data supplied by the Lehigh Valley Coal Company with modifications by the U.S. Geological Survey.



DELANO QUADRANGLE, PENNSYLVANIA



STRUCTURE MAP OF THE BUCK MOUNTAIN COAL BED

Prepared in 1952 from data supplied by the Philadelphia & Reading Coal & Iron Co., the Lehigh Valley Coal Co., and the New Boston Land Co., with modifications by the U.S. Geological Survey.