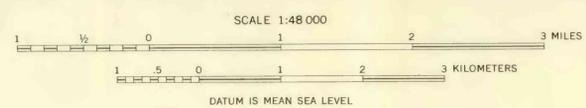


- EXPLANATION**
- Outcrop of coal bed  
Dashed where approximately located; dotted where concealed
  - Fault  
Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side. Arrows show relative horizontal movement of cross fault
  - Thrust fault  
Dashed where approximately located; dotted where concealed. T, on upper plate
  - Thickness line  
Dashed where inferred. Thickness interval 7 inches
  - Estimated thickness of coal, in inches, underlying area
  - Area where data are insufficient to infer reserves
  - Mined areas  
Solid where accurately outlined; dashed where approximately outlined
  - Strip mine
  - Control points on coal bed  
Number refers to location of graphic section on plate 8
  - Core hole

**THICKNESS MAP OF THE SWAMP ANGEL-KENT COAL BED IN THE ELK VALLEY AREA, TENNESSEE AND KENTUCKY**



Base from U.S. Geological Survey and Tennessee Valley Authority, 1:24 000 quadrangles