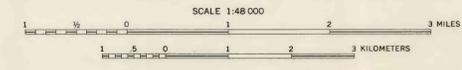


**EXPLANATION**

- Thrust fault, showing dip  
Sixteenths on upper plate. UT, on actively moving  
lower plate
- Underthrust fault  
Sixteenths on upper plate. UT, on actively moving  
lower plate
- Reverse fault  
R, upthrust side. Angle of dip interpreted to be  
greater than 45° at time of faulting
- Tear fault
- Arrows show relative horizontal movement
- Klippe
- Tectonic window
- Anticline  
Showing crestline and direction of plunge
- Overtured anticline  
Showing crestline and direction of dip of limbs and plunge
- Syncline  
Showing troughline and direction of plunge
- Overtured syncline  
Showing troughline and direction of dip of limbs
- Inclined Overturned Approximate Horizontal Vertical  
Strike and dip of beds
- Inclined Vertical  
Strike and dip of joints
- Length of strike line proportional to number of joints  
in ratio of 3:2:1. Dip symbol solid where joint  
mineralized

TECTONIC MAP OF THE WEST-CENTRAL PART OF THE SOUTHERN ANTHRACITE FIELD AND ADJOINING AREAS, PENNSYLVANIA



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1968—6802X  
Geology by Gordon H. Wood, Jr., and J. Peter Trexler