



- EXPLANATION**
- Axis of anticline, showing direction of plunge
  - Axis of syncline, showing direction of plunge
  - Axis of anticline, showing direction of plunge, based on Do contours
  - Fault, based on subsurface information
  - Structure contours on base P<sub>cv</sub> (Curwensville Formation)
  - Structure contours on top LK<sub>3</sub> coal
  - Structure contours on top Do (Oriskany Sandstone)

PLATE 12. STRUCTURAL GEOLOGY OF THE SOUTHERN PENFIELD QUADRANGLE.