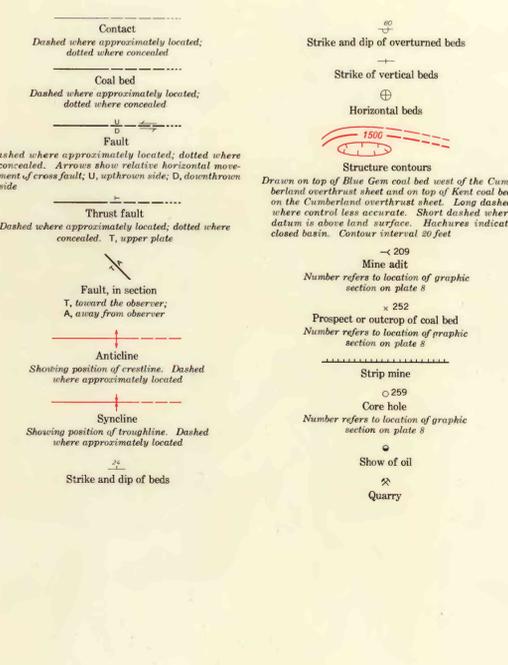
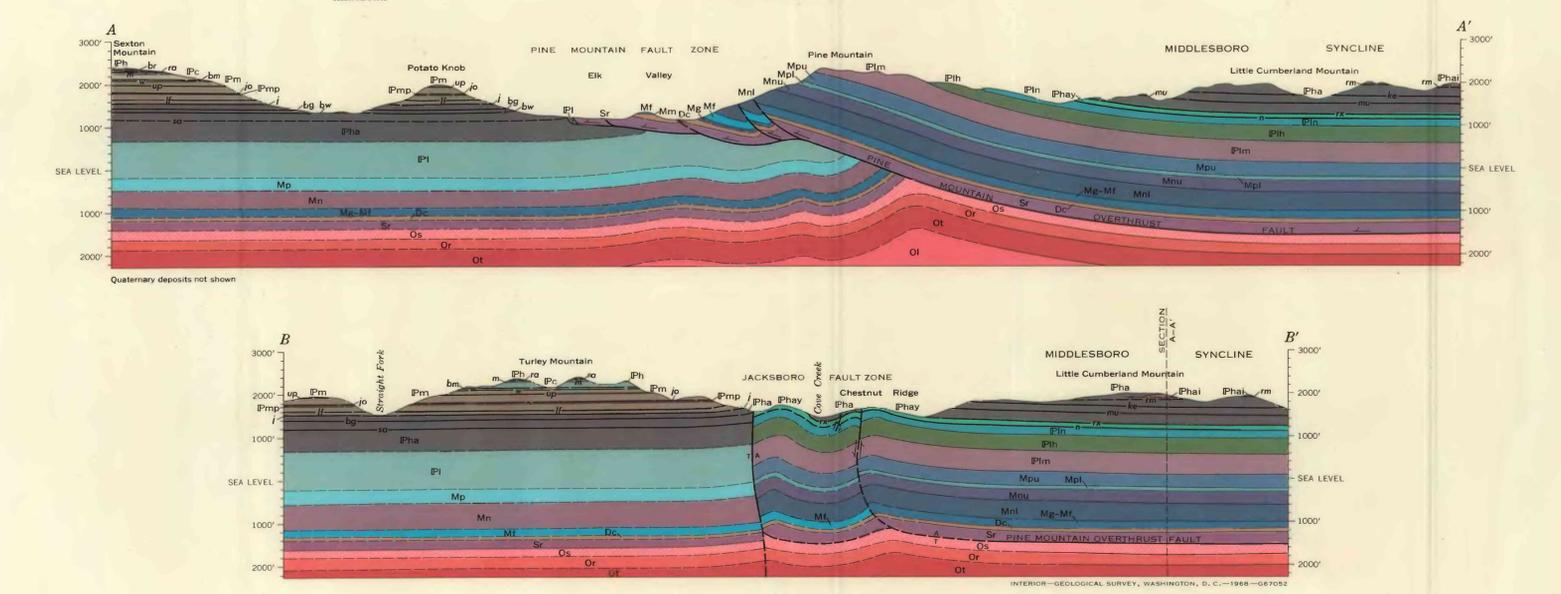


Base by Tennessee Valley Authority and U.S. Geological Survey, 1952

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Geology by K. J. Englund, E. D. Patterson, and A. O. DeLaney, 1952, 1953, and 1962



GEOLOGIC MAP AND SECTIONS OF THE PIONEER QUADRANGLE, TENNESSEE