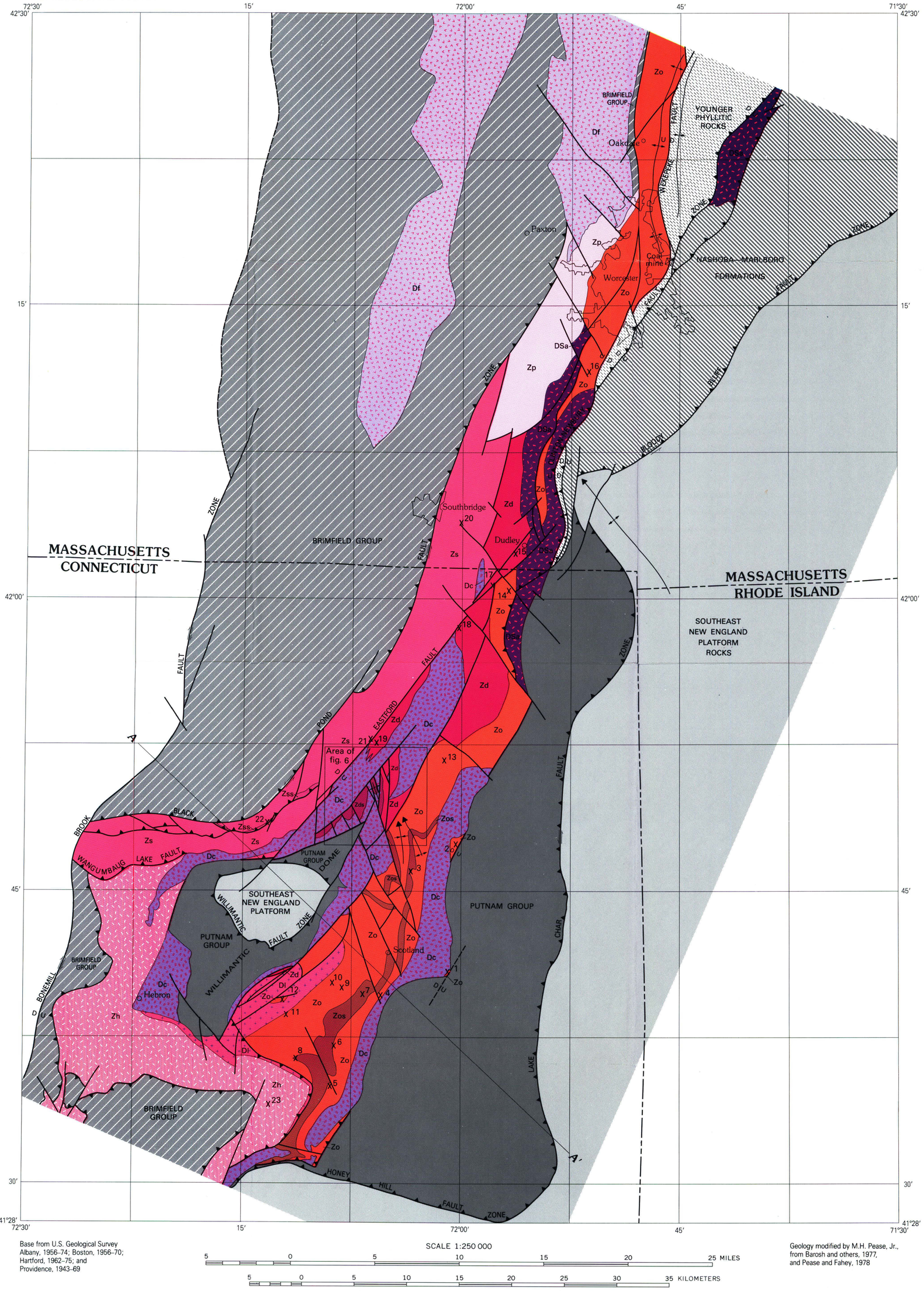
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

BULLETIN 1796
PLATE 1



Base from U.S. Geological Survey
Albany, 1956–74; Boston, 1956–70;
Hartford, 1962–75; and
Providence, 1943–69

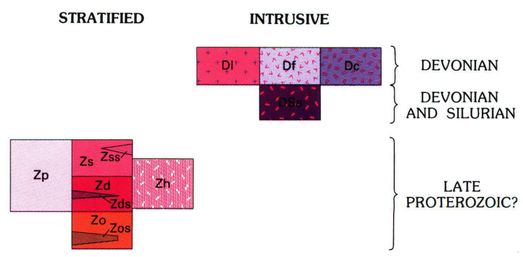
SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 30 35 KILOMETERS

Geology modified by M.H. Pease, Jr.,
from Barosh and others, 1977,
and Pease and Fahey, 1978

CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

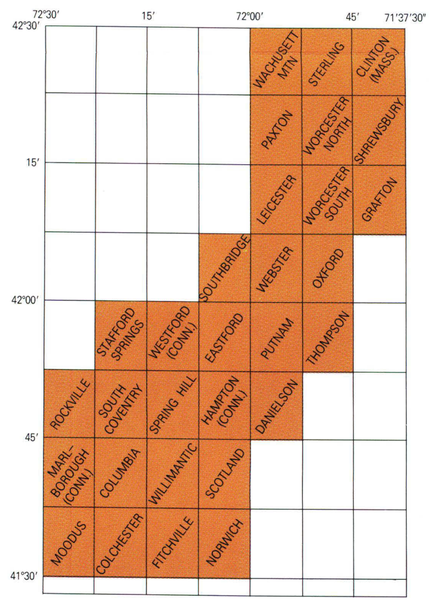
STRATIFIED ROCKS

- Zp — Paxton Group, undivided (Late Proterozoic?)
- Zs — Southbridge Formation of Paxton Group (Late Proterozoic?)
- Zss — Sillimanite schist member of Southbridge Formation (Late Proterozoic?)
- Zd — Dudley Formation of Paxton Group (Late Proterozoic?)
- Zds — Kyanite schist member of Dudley Group (Late Proterozoic?)
- Zh — Hebron Formation (Late Proterozoic?)
- Zo — Oakdale Formation (Late Proterozoic?)
- Zos — Scotland Schist Member of Oakdale Formation (Late Proterozoic?)

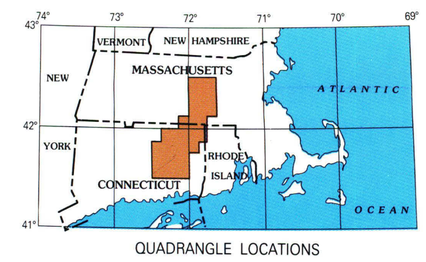
INTRUSIVE ROCKS

- Dc — Canterbury Gneiss (Devonian)
- Df — Fitchberg Complex (Devonian)
- Dl — Lebanon Gabbro (Devonian)
- DSa — Ayer Granite (Early Devonian and Late Silurian)

- Contact
- Normal fault—Dashed where inferred
- High-angle fault—U, upthrown side; D, downthrown side
- Thrust fault—Teeth on upper plate
- Strike-slip fault—Arrows show relative sense of movement
- Anticline—Showing trace of axial surface and bearing of plunge
- Syncline—Showing trace of axial surface and bearing of plunge
- X 1 — Locality described in text
- A——A′ Section A–A′—See figure 5



INDEX TO QUADRANGLES USED IN THIS REPORT



QUADRANGLE LOCATIONS

GENERALIZED GEOLOGIC MAP SHOWING THE CORRELATION OF STRATA IN EASTERN CONNECTICUT WITH THE OAKDALE-PAXTON SEQUENCE OF ADJACENT MASSACHUSETTS