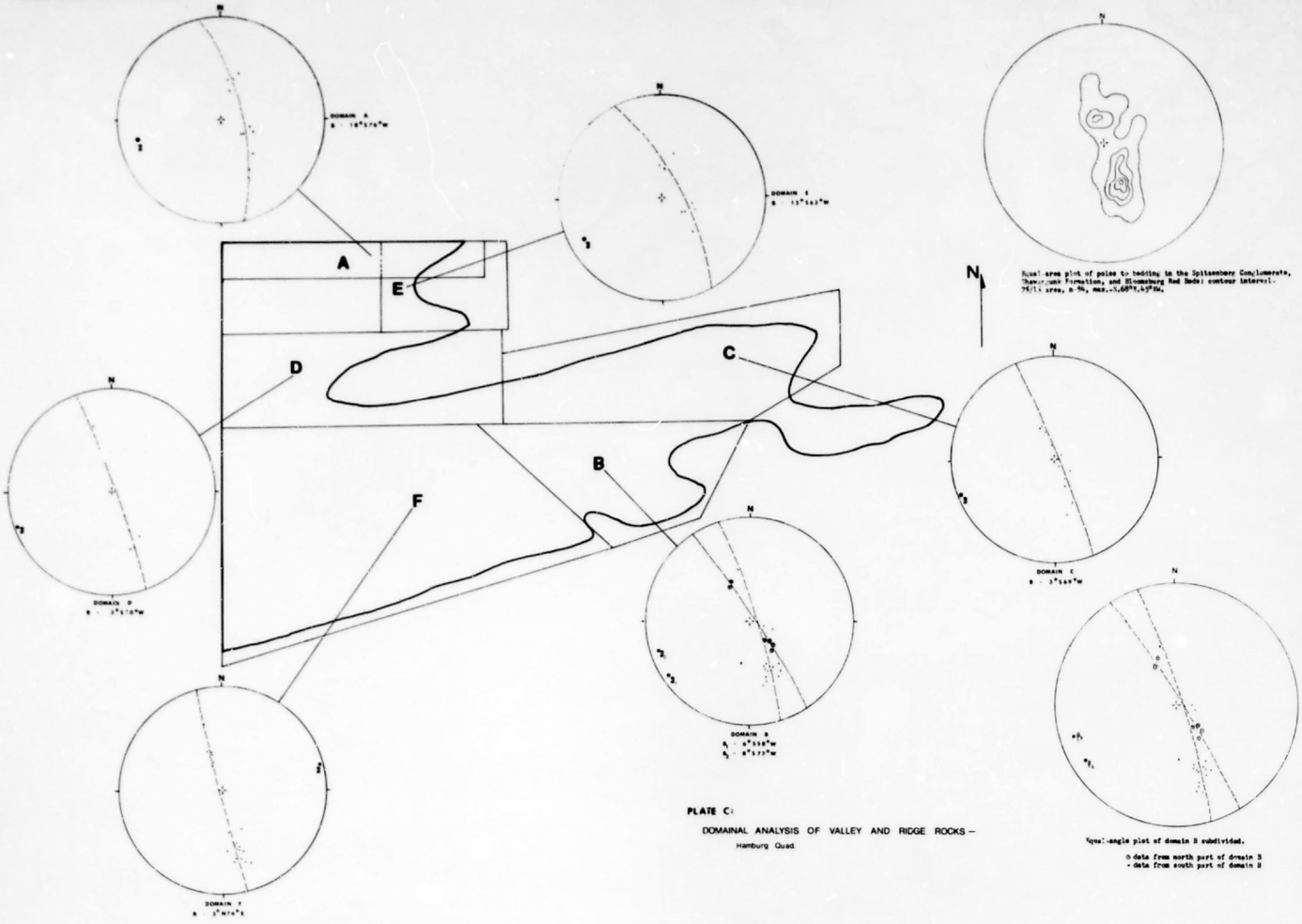


Rose diagram plot of poles to bedding in the Spitzenberg Conglomerate, Shartlesville Formation, and Bloomsburg Red Beds; contour interval-1%/1% area, n-96, max.-5.68%/1.69%.

Equal-angle plot of domain B subdivided.
○ data from north part of domain B
• data from south part of domain B

PLATE C:
DOMAINAL ANALYSIS OF VALLEY AND RIDGE ROCKS—
Hamburg Quad.

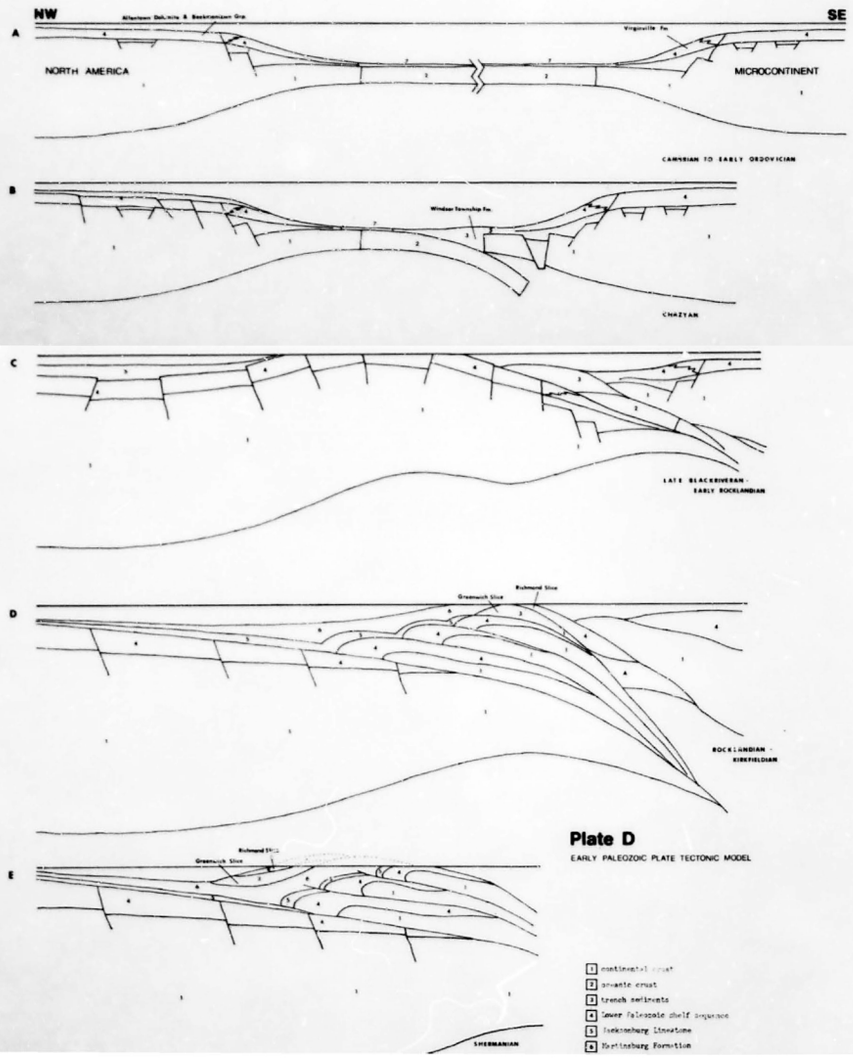
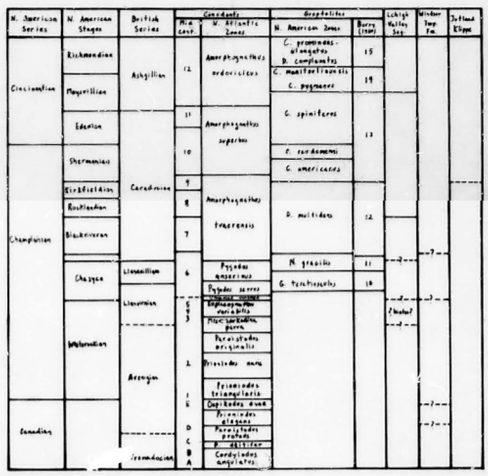


Plate D
EARLY PALEOZOIC PLATE TECTONIC MODEL

1 continental crust
2 oceanic crust
3 trench sediments
4 Lower Paleozoic shelf sequence
5 Reedsville Limestone
6 Martinsburg Formation

PLATE E



Relations between the Lehigh Valley sequence, Jacksonburg Formation, and the Zylland klippe, compiled on combined planes, and North American and British zonings and North American stages. Age data from Berry and others (1972), Boucot and Berry (1972), Wright and others (1972), Fortey and others (1972), Bassett and others (1972), Ingham modified from Ingham and Wilson, Jaanusson, Ross, Ulrich, Cooper, Ingham modified from Whittington and Hughes (1972), Ingham and Wilson (1972), and Bergström (1973).

GEOLOGIC MAP AND SECTIONS OF THE
KUTZTOWN AND HAMBURG
7 1/2'QUADRANGLES, PENNSYLVANIA
By Gary G. Lash 1982

U.S. Geological Survey
Open-File Report 82-498
Sheet 3 of 5
This report is preliminary and has not