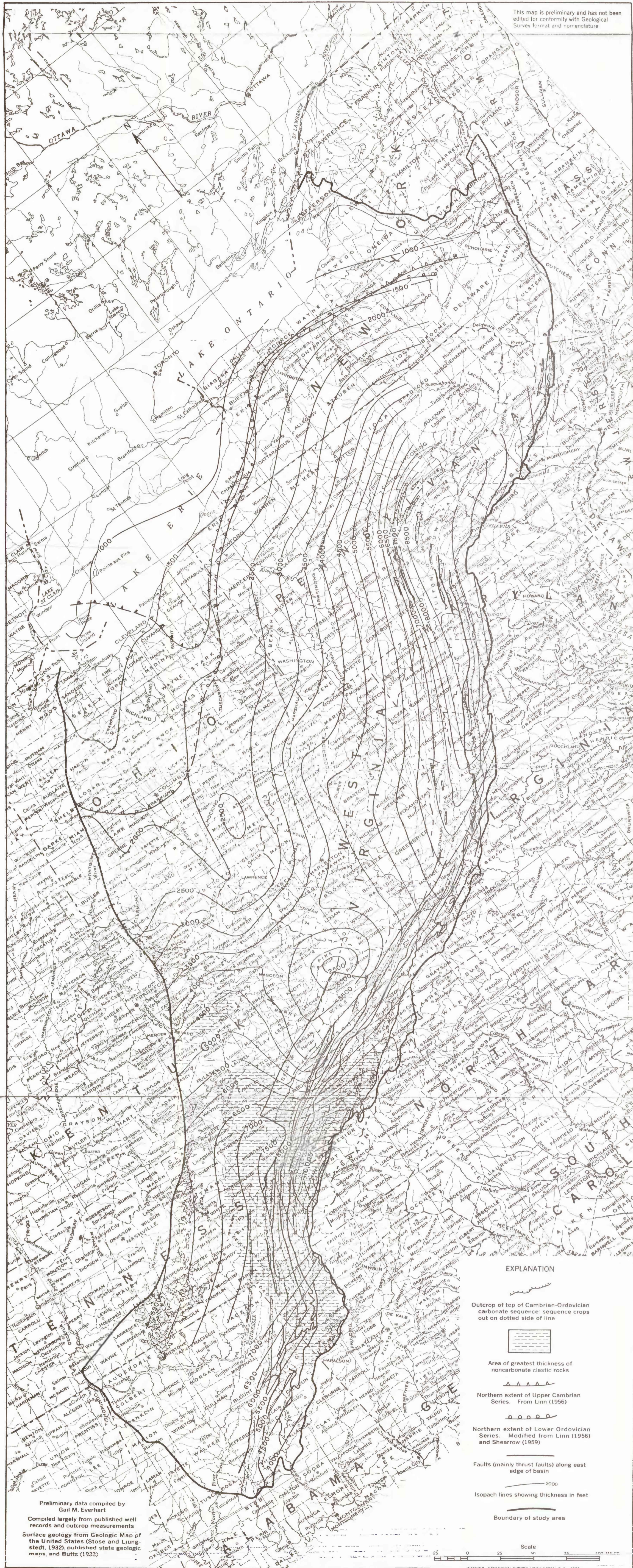


This map is preliminary and has not been edited for conformity with Geological Survey format and nomenclature



Preliminary data compiled by
Gail M. Everhart
Compiled largely from published well
records and outcrop measurements
Surface geology from Geologic Map of
the United States (Stose and Ljung-
stedt, 1932), published state geologic
maps, and Butts (1933)

EXPLANATION




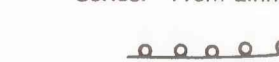
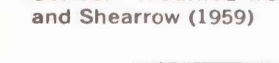
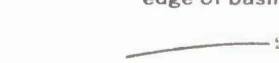

-  Outcrop of top of Cambrian-Ordovician carbonate sequence; sequence crops out on dotted side of line
-  Area of greatest thickness of noncarbonate clastic rocks
-  Northern extent of Upper Cambrian Series. From Linn (1956)
-  Northern extent of Lower Ordovician Series. Modified from Linn (1956) and Shearrow (1959)
-  Faults (mainly thrust faults) along east edge of basin
-  Isopach lines showing thickness in feet
-  Boundary of study area



FIGURE 7.—MAP SHOWING SURFACE GEOLOGY AND THICKNESS OF THE CAMBRIAN-ORDOVICIAN CARBONATE SEQUENCE