

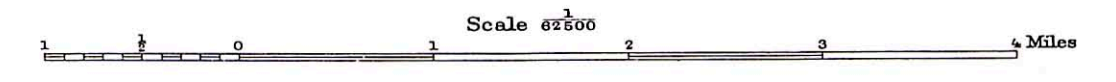
KEY

- QUATERNARY**
 - PLEISTOCENE**
 - Recent
 - Qal Alluvium
 - Owt Terraces
 - Wisconsinan
 - Tl "Lafayette" Gravel
 - Unconformity, major
- PLIOCENE**
 - Unconformity, major
- TERTIARY**
 - Eocene**
 - Wlcox Formation
 - PALEOCENE**
 - Tpc Porters Creek Formation
 - Tc Clayton Formation
- CRETACEOUS**
 - Km Tuscaloosa-McNairy-Owl Creek Formations
 - Unconformity, major
- MISSESSIPPIAN**
 - St. Louis Limestone
 - Intervening units not exposed
- DEVONIAN**
 - Ds Bailey Limestone
- SILURIAN**
 - Sms Moccasin Springs-St. Clair Limestones
 - Sse Sexton Creek-Edgewood Limestones
 - Sg Girardeau Limestone
- ORDOVICIAN**
 - Om Maquoketa Formation
 - Thebes Sandstone and Orchard Creek Shale Members
 - Ok Kimmwick Limestone

Fault

Strike and dip of bedding

SURFICIAL GEOLOGY OF THE ILLINOIS PART OF THE CAIRO, LA CENTER, AND THEBES QUADRANGLES



Contour interval is 20 feet except below the 340-foot contour (west of 89° 5') where it is 5 feet.
Datum is mean sea level.

Topographic base surveyed by the U. S. Geological Survey in cooperation with the Illinois State Geological Survey in 1926-29 and 1931.

Geologically surveyed in 1957-59 by Wayne A. Poyer and in 1960 by Charles A. Ross