



Base from U.S. Geological Survey, Poplar Bluff, 1957-67; Rolla, 1954-69; St. Louis, 1963-69; 1:250,000

SCALE 1:250,000

Contours drawn in 1978

- EXPLANATION**
- CONTACT—Shows area of outcrop of pre-Ordovician formations (patterned). Dashed where approximately located
 - 200- CONTOUR—On top of Upper Cambrian strata; long dashed where approximately located, short dashed where artificially adjusted to reflect fault projected from top of Cambrian Bonneterre Formation (see Sheet 1). Contour interval 50 ft. Datum is mean sea level
 - FAULT—Mapped at surface. U, upthrown side; D, downthrown side. From Heyl, A. V., Brock, M. R., Jolly, J. L., and Wells, C. E., 1965, Regional structure of the Southeast Missouri and Illinois-Kentucky mineral districts: U.S. Geological Survey Bulletin 1202-B, Plate 1, scale 1:250,000
 - SUBSURFACE FAULT—Inferred from drillhole data; queried where location uncertain; short dashed where projected from top of Cambrian Bonneterre Formation (see Sheet 1). U, upthrown side; D, downthrown side
 - DRILL HOLE—Locations of some holes omitted to avoid disclosure of proprietary information

UPPER CAMBRIAN STRATA
PRELIMINARY STRUCTURE CONTOUR MAPS ON TOP OF THE CAMBRIAN BONNETERRE FORMATION AND ON TOP OF UPPER CAMBRIAN STRATA
ROLLA 1° X 2° QUADRANGLE, MISSOURI

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