MISCELLANEOUS FIELD STUDIES MAP MF-1001A
FOLIO OF THE ROLLA 1°X2° QUAD., MISSOURI
STRUCTURE CONTOUR MAP, PRECAMBRIAN BASEMENT

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH MISSOURI DEPARTMENT OF NATURAL RESOURCES, DIVISION OF GEOLOGY AND LAND SURVEY

EXPLANATION

CONTACT--Shows area of outcrop of Precambrian rocks (patterned)

CONTOUR--Contour interval 200 ft.--Hachures indicate closed depressions. Datum mean sea level

U / D BASEMENT FAULT DEFINED FROM AVAILABLE DRILL HOLE DATA--U, upthrown side; D, downthrown side. Dashed where inferred from known surface and/or subsurface faulting

BASEMENT DRILL HOLE*--Drill hole penetrates Precambrian rocks. Location of some holes omitted to avoid disclosure of proprietary information

LAMOTTE DRILL HOLE--Drill hole penetrates Cambrian Lamotte Sandstone, but not Precambrian rocks. Location of some holes omitted to avoid disclosure of proprietary information

*From Kisvarsanyi, E. B., 1975, Data on Precambrian in drillholes of Missouri including rock type and surface configuration (Contribution to Precambrian Geology No. 5): Missouri Department of Natural Resources, Division of Geology and Land Survey, Report of Investigations 56, 24 p.

NO DATA

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

SCALE 1:125 000
2 0 2 4 6 8 10 MILES
2 0 2 4 6 8 10 KILOMETERS

Structure contours drawn in 1977

Note: To convert to meters use the following formula:
200 ft = 61 m

STRUCTURE CONTOUR MAP OF BURIED PRECAMBRIAN BASEMENT-ROCK SURFACE, EASTERN PART OF THE ROLLA 1°X2° QUADRANGLE AND ADJACENT AREAS, MISSOURI

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