

Base by U.S. Geological Survey, 1953. Modified 1973  
The Carter Coordinate System letters and numbers used  
to designate five-minute divisions of latitude and longitude  
are shown along the margins; tick marks indicate  
one-minute divisions

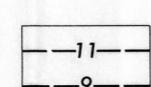
TRUE NORTH  
PARALLEL OF LATITUDE  
APPROXIMATE MEAN  
DECLINATION, 1973

SCALE 1:24,000

KENTUCKY  
QUADRANGLE LOCATION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973—K72618  
Compilation based on drill-hole data available  
as of Aug. 1, 1971, and in part on projection  
into subsurface of geologic data shown by  
Fairer and Norris (in press)

**EXPLANATION**

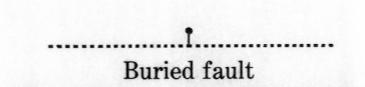


Showing subcrop of selected beds in Middle Pennsylvanian Carbonate Formation  
11, No. 11 coal bed, 85 to 115 feet above No. 9 coal bed  
9, No. 9 coal bed

Note: The alluviated valleys are filled with as much as 185 feet of unconsolidated material. Lithology of Pennsylvanian rocks described by Fairer and Norris (in press)

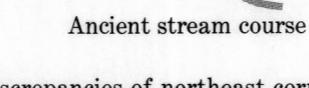


From map by Fairer and Norris (in press)



Buried fault  
Bar and ball on downthrown side  
300

Topographic contours on buried bedrock surface  
Datum is mean sea level. Contours above 350 feet not shown. Contour interval 20 feet



Note: Discrepancies of northeast corner to adjacent Panther quadrangle (Smith, 1971) due to additional data

262 350  
Drill hole from which data used in map compilation were obtained. Subsurface data from logs and records of core holes, auger holes, and oil and gas tests. Figure indicates bedrock altitude in feet above mean sea level; italicized where highly interpretive (includes most rotary-drilled oil and gas test wells)

**REFERENCES CITED**  
Fairer, G. M., and Norris, R. L., Geologic map of the Curdsville quadrangle, western Kentucky: U.S. Geol. Survey Geol. Quad. Map GQ-103 (in press)  
Smith, E., 1971, Map sheet 1:250,000 topography and subsurface selected beds beneath alluvial deposits of the Panther quadrangle, Daviess County, Kentucky: U.S. Geol. Survey Misc. Geol. Inv. Map I-598

**MAP SHOWING BEDROCK TOPOGRAPHY AND SUBLIOP OF SELECTED BEDS BENEATH ALLUVIAL  
DEPOSITS OF THE CURDSVILLE QUADRANGLE, WESTERN KENTUCKY**

By

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1973

For sale by U.S. Geological Survey, price 50 cents