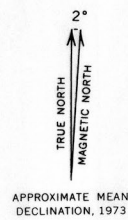
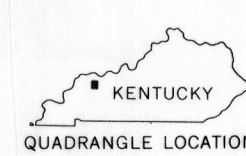


Base by U.S. Geological Survey, 1953. Modified 1973  
The Carter Coordinate System letters and numbers used  
to designate five-minute divisions of latitude and  
longitude are shown along the margins; tick marks indicate  
one-minute divisions



SCALE 1:24 000  
1 1/2 MI. TO KY. 130 20' 17'30" 27 1 560 000 FEET



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

Alluviated area  
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)

Non-alluviated area  
From map by Fairer and Norris (in press)

Buried fault  
Bar and ball on downthrown side

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

Ancient stream course

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

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 inter-  
pretive (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-1039 (in press)  
Smith, A. E., 1971, Map showing bedrock topography  
and subcrop of selected beds beneath alluvial deposits  
of the Panther quadrangle, Daviess County, Ken-  
tucky: U.S. Geol. Survey Misc. Geol. Inv. Map I-598

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

By  
Ronald L. Norris  
1973