

Based on U.S. Geological Survey, 1952
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
10,000-foot grids based on Kentucky coordinate system, south zone, and Indiana coordinate system, west zone

APPROXIMATE MEAN
ELEVATION 1973

SCALE 1:24 000

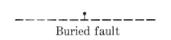
KENTUCKY
QUADRANGLE LOCATION

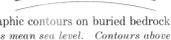
WEST LOUISVILLE 3.4 MI.
BEECHY GROVE JUNCTION 1.9 MI. 14 MI.
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1973—K73602
Compilation based in part on drill-hole data available as of Oct. 1, 1971, and in part on projection into subsurface of geologic data shown by Johnson (in press)

EXPLANATION


Alluviated area
Showing subcrop of selected beds in Middle Pennsylvanian Carbondale Formation
9, No. 9 coal bed, 198 to 210 feet above No. 6 coal bed
6, No. 6 coal bed
The alluviated valleys are filled with as much as 155 feet of unconsolidated material. Lithology of Pennsylvanian rocks described by Johnson (in press)


Non-alluviated area
From map by Johnson (in press)


Buried fault
Bar and ball on downthrown side


Topographic contours on buried bedrock surface
Datum is mean sea level. Contours above 380 feet not shown. Contour interval 20 feet

Note: Data not available at the time of publication of the Owensboro West quadrangle (Carpenter, 1971) have resulted in discrepancies in the match of bedrock contours and subcrop position of the No. 6 coal bed along the Reed-Owensboro West quadrangle boundary


Ancient stream course


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
Carpenter, G. L., Jr., 1971, Map showing bedrock topography and subcrop of selected beds beneath alluvial deposits of part of the Owensboro West quadrangle, in Davies County, Kentucky; U.S. Geol. Survey Misc. Geol. Inv. Map I-633
Johnson, W. D., Jr., Geologic map of the Reed quadrangle, Kentucky-Indiana; U.S. Geol. Survey Geol. Quad. Map GQ-1038 (in press)

MAP SHOWING BEDROCK TOPOGRAPHY AND SUBCROP OF SELECTED BEDS BENEATH ALLUVIAL DEPOSITS OF THE REED QUADRANGLE, KENTUCKY-INDIANA

By
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1973