



Base from U.S. Geological Survey, 1952. Revised 1977
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 MILE



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1977—G76864
Compilation based on drill-hole data available as of Jan. 1, 1975, and on projection into subsurface of geologic data shown by Hansen (1976)

EXPLANATION

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| <p> Alluvial area showing subcrop position of selected coal beds and limestone members of Sturgis Formation (Upper Pennsylvanian)
l, subcrop of <i>Lisman</i> coal bed
ca, subcrop of <i>Carthage Limestone Member</i>
15, subcrop of No. 15 coal bed
m, subcrop of <i>Madisonville Limestone Member</i>
p, subcrop of <i>Providence Limestone Member</i>
Intervals between units vary from place to place; hence attitudes and subcrop lines of these units do not necessarily reflect the attitude of the No. 9 coal bed that is the contoured horizon shown by Hansen (1976). Ticks show side of subcrop line on which unit has been removed by erosion</p> | <p> Non-alluviated area
From map by Hansen (1976)
The alluviated valleys are filled with as much as 112 feet of unconsolidated material. Alluvium and lacustrine deposits and the underlying Pennsylvanian rocks are described by Hansen (1976)</p> | <p> Drill holes from which data used in map compilation were obtained. Subsurface data from logs and records of oil and gas tests, core holes, water wells, and other borings. Figures indicate bedrock elevation in feet above mean sea level; italicized where highly interpretive</p> |
| <p> Buried fault
From map by Hansen (1976). Bar and ball on downthrown side</p> | <p> Ancient stream course
Major stream and tributaries</p> | <p>REFERENCE CITED
Hansen, D. E., 1976, Geologic map of the Sacramento quadrangle, western Kentucky; U.S. Geol. Survey Geol. Quad. Map GQ-1306</p> |
| <p> Topographic contours on buried bedrock surface
Datum is mean sea level. Contours above 360 feet not shown. Contour interval 20 feet</p> | | |

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

By
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1977