

Table with columns for SYSTEM, SERIES, GROUP, and UNIT. Lists geological units such as Alluvium, Altonite, Green River, etc., with their corresponding symbols and descriptions.

DESCRIPTION OF MAPPED UNITS. Detailed text descriptions for each geological unit, including lithology, thickness, and regional context. Units include ALLUVIUM, ALUMINUM, ALTONITE, and various sandstone and limestone formations.



Geologic map details including a legend (EXPLANATION), a scale bar (SCALE 1:100,000), and a title block. The title block includes the author's name, Matthew M. Crawford, and the title 'GEOLOGIC MAP OF THE MADISONVILLE 30 x 60 MINUTE QUADRANGLE, WESTERN KENTUCKY'. It also features a table of well logs and a detailed legend for symbols used on the map.

REVISIONS: A list of updates and changes to the map, including corrections to well logs and unit boundaries. GEOLOGIC SETTING AND STRUCTURAL GEOLOGY: A detailed text description of the geological context, including the location of the quadrangle, regional tectonics, and the presence of the Morrison Syncline. ECONOMIC GEOLOGY: A section discussing the economic significance of the area, particularly regarding coal and limestone resources. ENGINEERING GEOLOGY AND GEOLOGIC HAZARDS: A section discussing potential hazards such as landslides and groundwater issues. REFERENCES CITED: A list of publications used in the preparation of the map.