Introduction

This map portrays the distribution of Jurassic sandstones and shales in the Carbondale Quadrangle, Jackson County, Illinois. It is based on the 1:24,000-scale "Geologic map of the Carbondale Quadrangle, Jackson County, Illinois," issued by the Illinois State Geological Survey in 1991. The map shows the extent of Jurassic sandstone and shale units, along with the location of additional maps and logs. It is intended as a teaching aid and reference for students and researchers in the field of geology.

Methods

The map was produced using a combination of field mapping, aerial photography, and existing geologic maps. The geologic data were compiled from various sources, including the Illinois State Geological Survey, the U.S. Geological Survey, and other academic and governmental agencies. The map was created using geographic information system (GIS) software, which allowed for the integration of different data sets and the creation of a comprehensive geologic map.

Data Sources

- Illinois State Geological Survey
- U.S. Geological Survey
- Other academic and governmental agencies

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