Bedrock Geology of the Southern Half of the Knox 30-X 60-Minute Quadrangle, Indiana

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Bloomington, Indiana
2021

INTRODUCTION
The Knox 30-X 60-Minute Map quadrangle is one of the twelve contiguous geologic maps that make up the Knox 30-X 60-Minute Quadrangle (K 30-X 60, Knox 30- X 60-Minute Quadrangle, Indiana) of the U.S. Geological Survey. The quadrangle is located in the southern half of the Knox County, Indiana. The quadrangle contains a diverse landscape of glacial, fluvial, and karstic features, providing a unique opportunity for studying the geology of the region. The map is intended to provide a detailed geologic map of the area, including the identification of bedrock units, the mapping of faults and fractures, and the depiction of regional geologic structures. The map was created using a combination of field, laboratory, and remote sensing data, as well as data from other sources. The map is intended to be used for a variety of purposes, including land use planning, environmental assessment, and educational purposes.

REFERENCES
Indiana Geological Survey (IGS), 2013b, Petroleum Database Management System [Microsoft SQL server database].

DESCRIPTION OF MAP UNITS
Light- to dark-gray, fine- to coarse-grained limestone and dolostone (mudstone to grainstone textures), often cherty, typically 20 to 120 ft. Fossil reefs in the subsurface locally can be up to 200 ft thick, primarily originating near the base of the unit. Ludfordian in age.

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