Bedrock Elevation of the Berne, Domestic, Geneva, and Willshire 7.5-Minute Quadrangles, Indiana-Ohio

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EXPLANATION

The map provides the bedrock topography of the eastern extent of the Lafayette Bedrock Valley System in Indiana and Ohio. Digitization was performed by combining interpretation of aeromagnetic data (1:24,000) with interpretation of aeromagnetic data (1:24,000). The mappable units are based on a combination of geological and geophysical data. The map was produced by the Indiana Geological Survey and Ohio Department of Natural Resources, Division of Geological Survey, under a Cooperative Agreement No. G19AC00321.

REFERENCES


INFORMATION

Bedrock elevation (feet above mean sea level)

Bedrock surface contours (feet above mean sea level)

Geological data

- Contouring
- Geologic units
- Geologic settings

Hydrography from U.S. Geological Survey National Hydrography Dataset (local resolution).

Hydrology from U.S. Geological Survey National Hydrography Dataset (high resolution).

NDWI (Normalized Difference Water Index) for the year 2011.


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ACKNOWLEDGMENTS AND DISCLAIMER

This map was produced by the Indiana Geological Survey, Division of Geological Survey, under a Cooperative Agreement No. G19AC00321. Other cooperative agreements require different licensing terms.

MAP INFORMATION

Digital geologic and hydrography compilation by A. West, J. P. Scarpone, and D. J. H. Rupp.

Hydrography from U.S. Geological Survey National Hydrography Dataset (local resolution).

Projected National Geodetic System (NAD83, Zone 16N).

Water indications include 2,148,428,872; 3,982,392,248; 7,964,784,496.

Terrain elevation includes 2,148,428,872; 3,982,392,248; 7,964,784,496.