

Preliminary bedrock geologic map
of Walworth, Racine, Kenosha,
Milwaukee, Waukesha, Ozaukee,
and Washington Counties

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EXPLANATION

Map units shown are covered by younger, unconsolidated sediment varying in thickness from a few feet to more than 500 feet.

POST-DEVONIAN

L Lamprophyre

DEVONIAN

- Da Antrim Shale. Mudstone to very argillaceous dolomite; dark gray to black.
- Dm Milwaukee Formation. Argillaceous dolomite, dolomitic siltstone, and shale; gray; locally fossiliferous.
- Dt Theinsville Formation. Dolomite, argillaceous dolomite, and dolomitic siltstone; brown to brownish gray; some fossils.
- Dt/Dc Theinsville and Lake Church Formations, undifferentiated.
- Dc Lake Church Formation. Argillaceous dolomite, and dolomite; brownish gray; locally fossiliferous.

SILURIAN

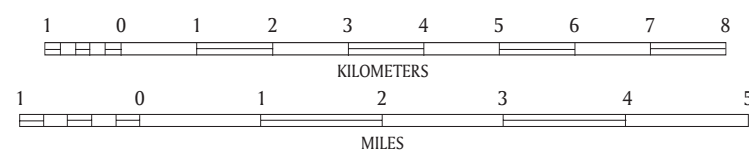
- Swb Wauabakee Formation. Dolomite, very fine grained, thin-bedded, dark to light gray.
- Sr Racine Formation. Dolomite, medium to coarse grained, thin- to thick-bedded, very light to light gray; fossiliferous.
- Sm Manistiquie Formation. Dolomite, fine to medium grained, thin- to medium-bedded, light to medium gray.
- Sw Waukesha Formation. Dolomite, medium grained, thin- to medium-bedded, light to medium gray, locally cherty.
- Sbr Brandon Bridge Formation. Dolomite, very argillaceous, pale green to pink.
- Ska Kankakee Equivalent. Dolomite, fine to medium grained, light to medium gray, locally cherty and fossiliferous.

ORDOVICIAN

- On Neda Formation. Oolite, red brown, hematitic; shale, red brown, dolomitic.
- Om Maquoketa Formation. Shale, greenish gray to purplish; dolomite, very argillaceous, tan.
- Os Sippie Group. Dolomite, tan to buff in color, thin to medium-bedded, fossiliferous, locally cherty.

SYMBOLS

- Contact
- Transitional contact
- Data point
- Fault. General direction of movement indicated by upthrown or downthrown.



Shade relief of bedrock surface vertical exaggeration 5x
Wisconsin Transverse Mercator Projection
1991 adjustment to the North American Datum of 1983 (NAD 83/91)

This map represents work performed by the Wisconsin Geological and Natural History Survey and is released to the open files in the interest of making the information readily available. This map has not been edited or reviewed for conformity with Wisconsin Geological and Natural History Survey standards and nomenclature.

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Extension

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