

PLATE 1
Green County Bedrock Geology

BASEMAP FEATURES

- Green County Boundary
- State Road
- County Road
- Township Road
- Gravel Road
- Village/City Street
- Private Drive
- Multituse Trail
- Public Land Survey System Township Boundary
- Public Land Survey System Section Boundary
- Railroad
- Perennial Stream/River Flowline
- Intermittent Steam/River Flowline
- Populated Place (City/Village)
- Approximate Edge of Glacial Advance (hash lines on glacier-side)

BEDROCK GEOLOGY FEATURES

- Bedrock Outcrop or Exposure
- Private Well with Logged Bedrock Geology
- Well Location with Detailed Geologic Log

BEDROCK GEOLOGIC

Sinnipee Dolomite (Os)
Thw Sinnipee Group includes dolomitic rock formations, including the Galena, Decorah, and Platteville formations. For this map only the geologic

Ancell Group (Oa)
The Ancell Group includes shale and sandstone rock formations, including the Glenwood and St. Peter formations. For this map only the geologic group is

Prairie du Chien Group (Opc)
The Prairie du Chien Group includes dolomitic rock formations, including the Shakopee formation and the Oneota formation. There is a sandstone member within the Shakopee format that was not observed in this study. For this map only the geologic group is

Cambrian System - Undivided (Cu)
This system is characterized generally by mix of rock formations, most notably sandstone. The uppermost unit is the Trempealeau group, which includes the Jordan Formation sandstone as the first rock formation. For this map only the geologic system is presented.

ABOUTTHIS MAP

This map presents the bedrock geologic units for Green County. The geologic units shown represent the first rock unit existing beneath soil or unconsolidated overburden material, where present. This geologic information presented here has been interpreted from several sources. Field surveys were conducted to make observations of exposed bedrock outcrops and in some cases visible exposed contacts between bedrock units. Private and municipal well logs were geographically located and evaluated for bedrock geologic information. Existing maps and publications of bedrock geology were also reviewed and incorporated into the interpretation where possible.

The bedrock units were classified based on their defined geologic group, plus the Cambrian System - undivided, as is the convention for studies on this scale. The classified units are described above in the map legend.

Information in this map is an interpretation of the available data and is not a substitute for site-specific ground and subsurface studies that should be conducted as appropriate.

MAP REFERENCES

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