

Surficial Geology of the 7.5-Minute Gibson City West Quadrangle

Champaign, Ford, and McLean Counties, Illinois

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QUATERNARY DEPOSITS

Unit Name	Description
HUDSON EPISODE Cahokia Formation	(~12,000 years before present (B.P.) to present day)
Qc	Alluvium (River and floodplain deposits) Dominantly silt with sand and gravel lenses
WISCONSIN EPISODE Mason Group	(~60,000 - 12,000 years B.P.)
Henry Formation	Predominantly stratified sand and gravel
Batavia Member	Outwash (Glacial meltwater deposits) Outwash plains and alluvial fans of sand and gravel deposited along the fronts of moraines
Qhb	
Wasco Member	Outwash (Glacial meltwater deposits) Ice-contact sand and gravel deposited in kames, eskers, deltas, and crevasse splays
Qhw	
Wedron Group	
Lemont Formation	Predominantly diamicton with lenses of gravel, sand, silt, and clay
Batestown Member	Till (Glacial deposits directly related to ice contact) Ground Moraine; Gray, medium textured diamicton with lenses of clay, silt, sand and gravel
Qlb	
	End Moraine; Gray, medium textured diamicton, with lenses of clay, silt, sand and gravel
Yorkville Member	Till (Glacial deposits directly related to ice contact) End Moraine; Gray, fine textured diamicton with lenses of clay, silt, sand and gravel
Qly	
—	Contact
● 120192642800	Stratigraphic boring with logged sample. API Number listed below.

Descriptions of Cahokia Formation can be found in Illinois State Geological Survey Bulletin 94 (Willman and Frye, 1970) and Wisconsin Episode Units can be found in Illinois State Geological Survey Bulletin 104 (Hansel and Johnson, 1996).

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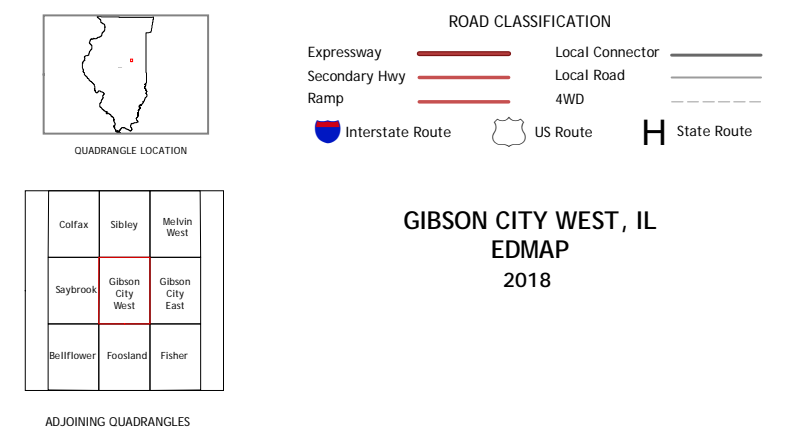
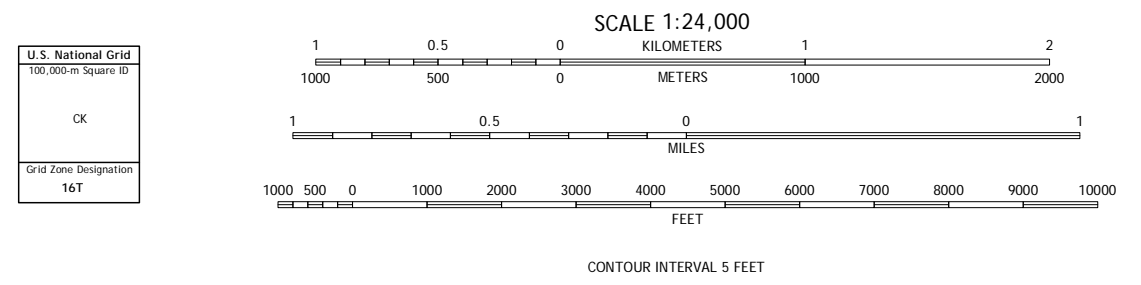
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Coordinate System: NAD 1983 UTM Zone 18N
Projection: Transverse Mercator
Datum: North American 1983

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Topographic base map vector data and style template provided by the USGS. LIDAR elevation and stratigraphic boring data provided by the Illinois State Geological Survey. Digital cartography and geology based on field work and interpretation by Hannah Wirth.



ADJOINING QUADRANGLES