

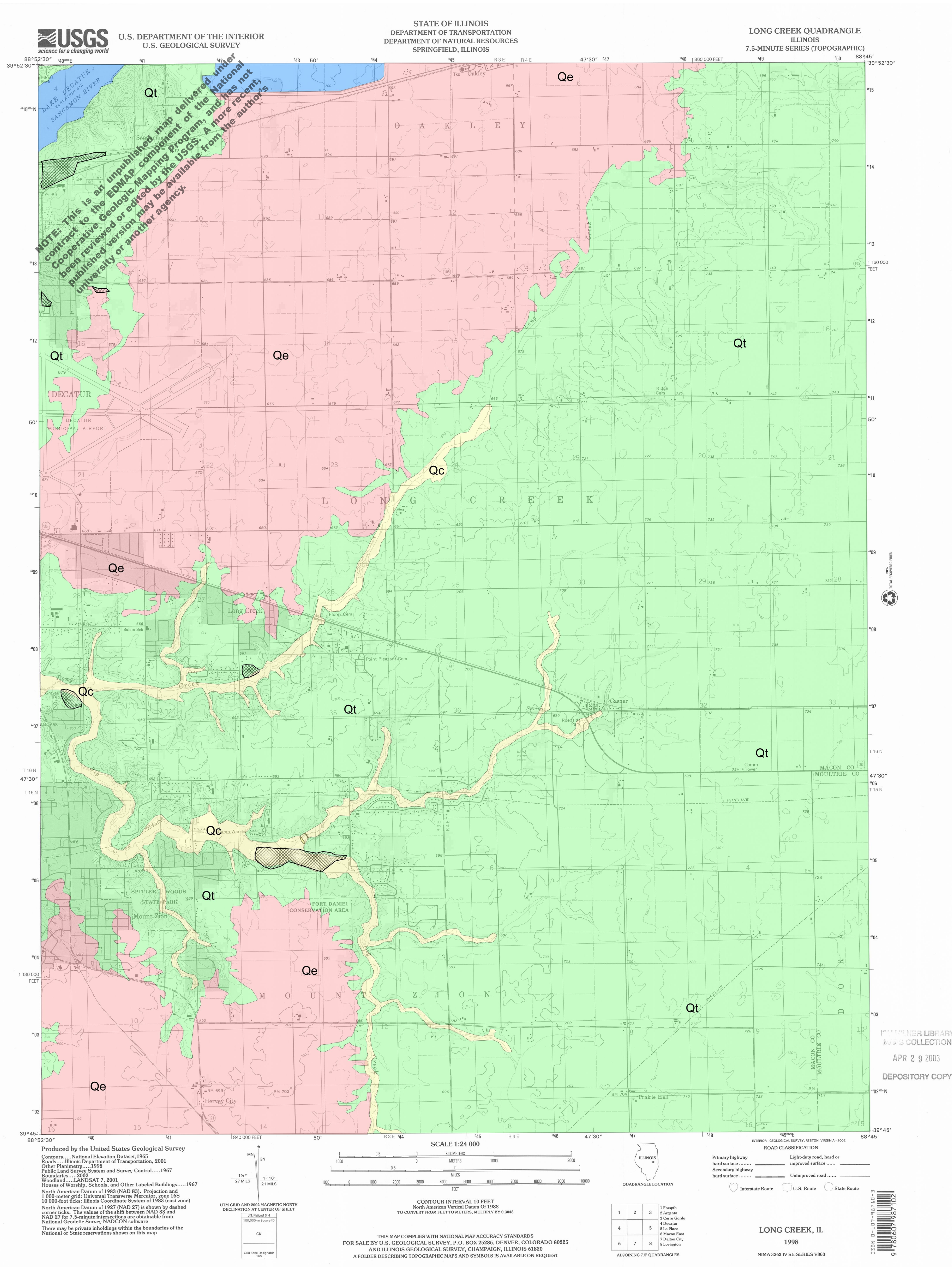


# Surficial Geology of the Long Creek Quadrangle, Macon County, IL



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### Lithostratigraphic Units and Interpretations

Description	Stratigraphic Unit	Interpretation
<b>Holocene Series</b>		
Disturbed or removed earth; color and grain sizes are variable and may include other material.		Human disturbed ground in the form of gravel pits, landfills, retention ponds, or other excavations; where possible, the underlying geologic material has been mapped.
Mainly silt and clay with some sand lenses; brown to yellowish brown in color. Crudely stratified. Thickness 5-20 ft.		Modern alluvial and flood plain deposits; locally can overlie lacustrine deposits or till; derived mainly from eroded till and loess.
<b>Pleistocene Series</b>		
<b>Wisconsin Stage</b>		
<b>Mason Group</b>		
Diamicton units containing silt, clay, and sand and gravel deposited by glacial ice; where present it lies on older glacial till members.		Glacial lake deposits occurring in low lying areas separating features associated with moraines. Often associated with glacial outwash of the Henry Formation.
<b>Wedron Group</b>		
Diamicton: clay loam; red to gray in color. Calcareous. Contains lenses of sand, silt, and clay. Thickness up to 100 ft.		Diamicton units containing silt, clay, and sand and gravel deposited by glacial ice; where present it lies on older glacial till members.
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