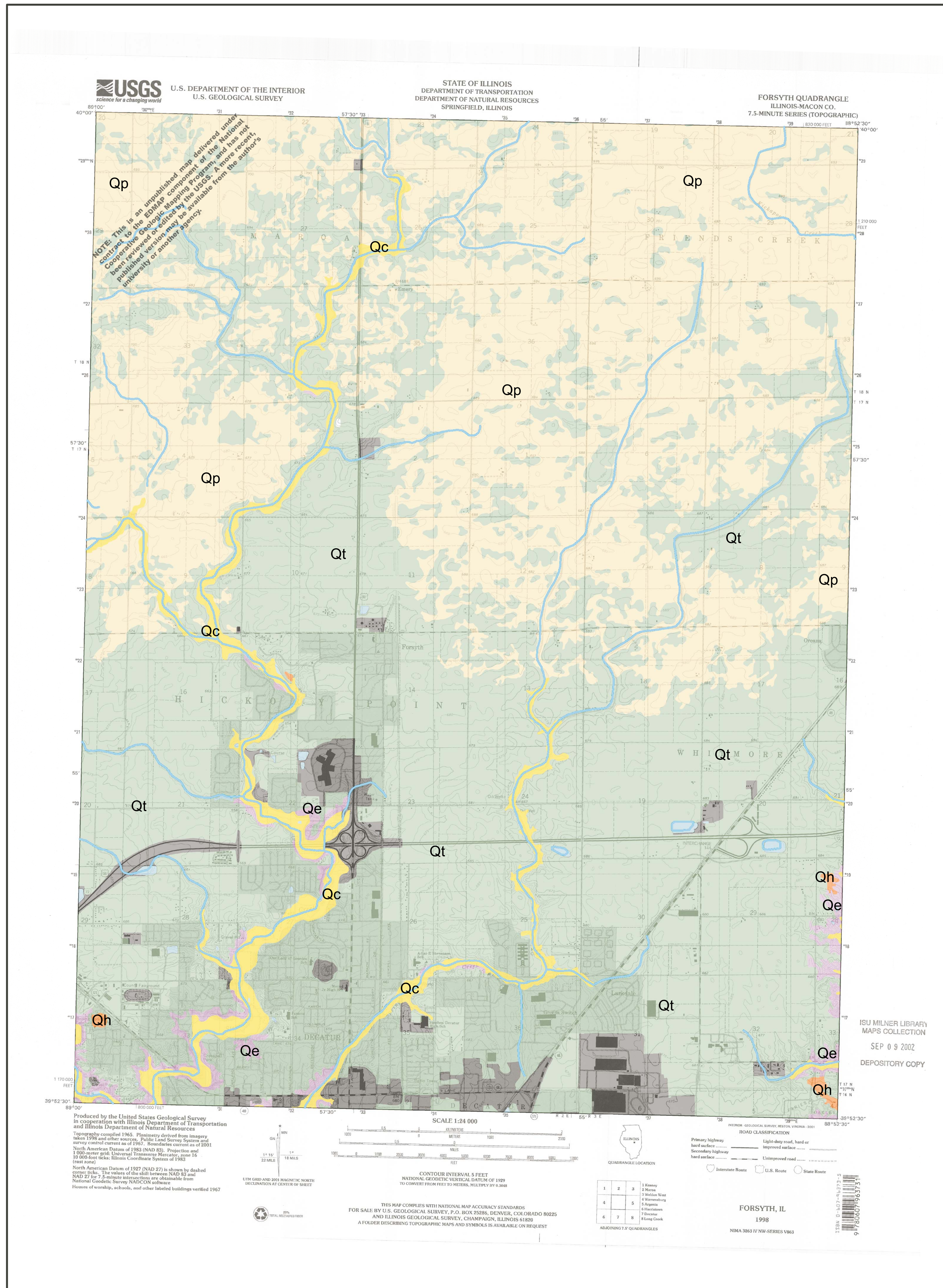


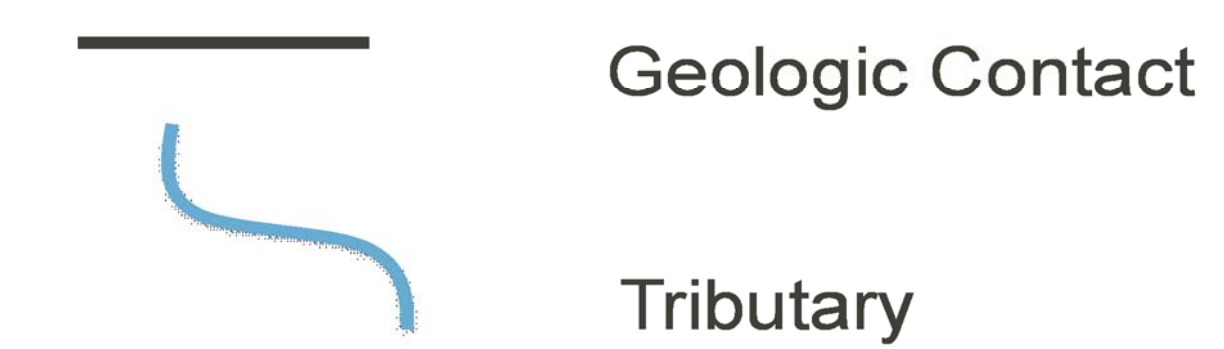
Surficial Geology of the Forsyth Quadrangle, Macon County, IL

Erin Roche, 2008



Lithostratigraphic Units and Interpretations

Geologic Materials Description	Stratigraphic Unit	Occurrence and Interpretation
Holocene Series		
Silt and clays with occasional lenses of sand; brown to yellowish brown; some mottling and bedding.	Cahokia Formation Qc	Modern alluvial and floodplain deposits.
	Peoria Silt Qp	Eolian deposits of modern streams and rivers.
Pleistocene Series		
Wisconsinan Stage		
Madison Group		
Silt and clays; bedded to massive; dark to light gray to light olive brown; calcareous; fine sand; thickness: 5-7 feet.	Equality Formation Qe	Glacial lake deposits.
	Henry Formation Qh	Glacial outwash and alluvial fan deposits.
Wedron Group		
Diamiction; clay loam; dark to olive gray; contains granules, pebbles, coal chips; calcareous; commonly underlain with sand and gravel of the Henry Formation; thickness: up to 13 feet.	Tiskilwa Formation Qt	Diamiction units containing silt, clay, sand, and gravel.



Bowen, E.R., Malone, D.H., and Nelson, W.E., 2004. Geologic Map of the Troy Grove Quadrangle, LaSalle County, Illinois, Geological Society of America Abstracts with Programs, Vol 36, No. 5.

Freimuth, G., 1999, Guide to the Geology of the Decatur Area Macon County Illinois, 48 p.

Hansel, A.K., and Johnson, W.H., 1996, Wedron and Mason Groups: Lithostratigraphic Reclassification of Deposits of the Wisconsin Episode, Lake Michigan Lobe Area, 115 p.

Washer, H.L., Odell, R.T., 1954, Macon County Soils A Revision of Soil Report 45, University of Illinois Agricultural Experiment Station, 32 p.