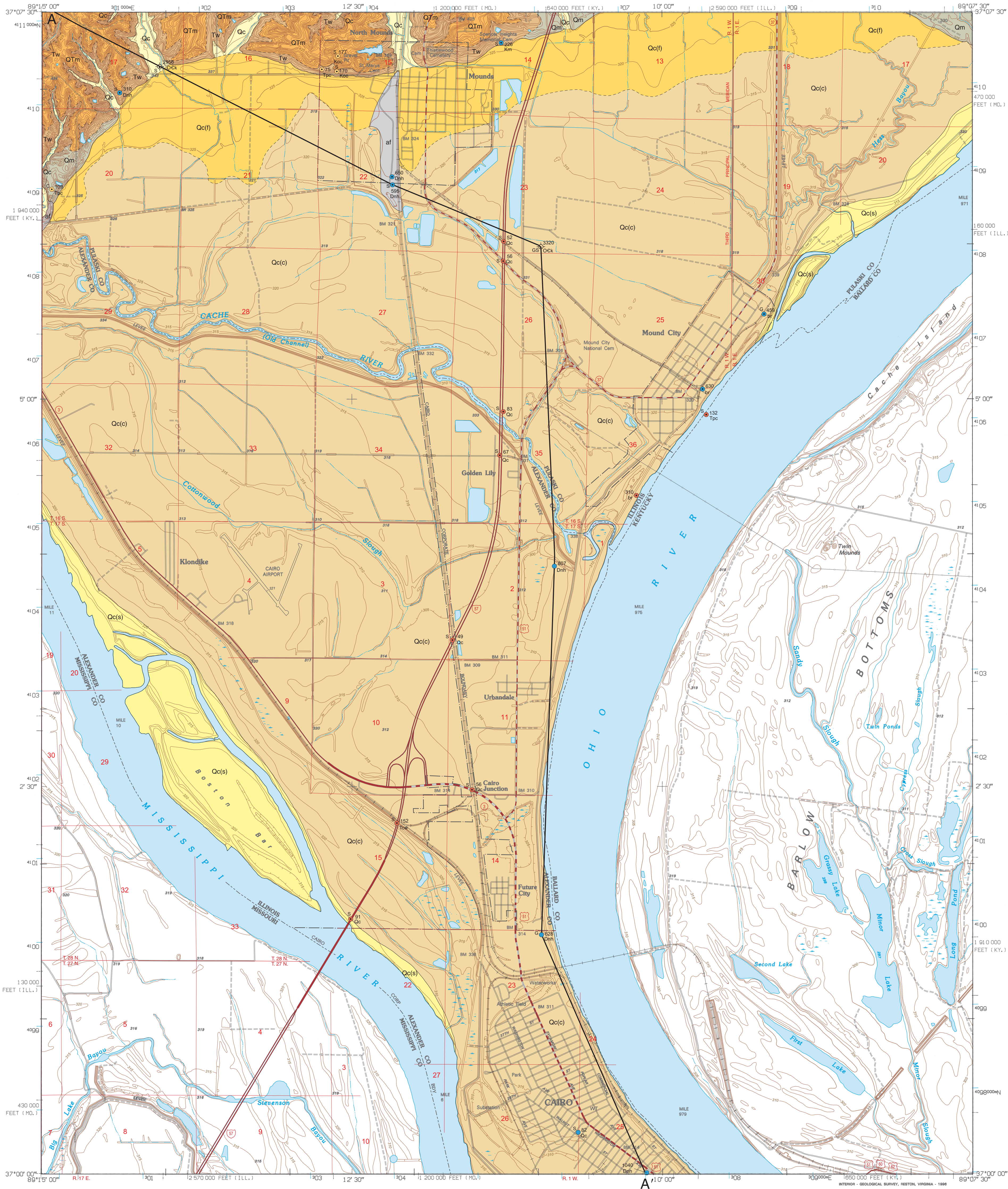


GEOLOGY OF CAIRO QUADRANGLE
ALEXANDER AND PULASKI COUNTIES, ILLINOIS

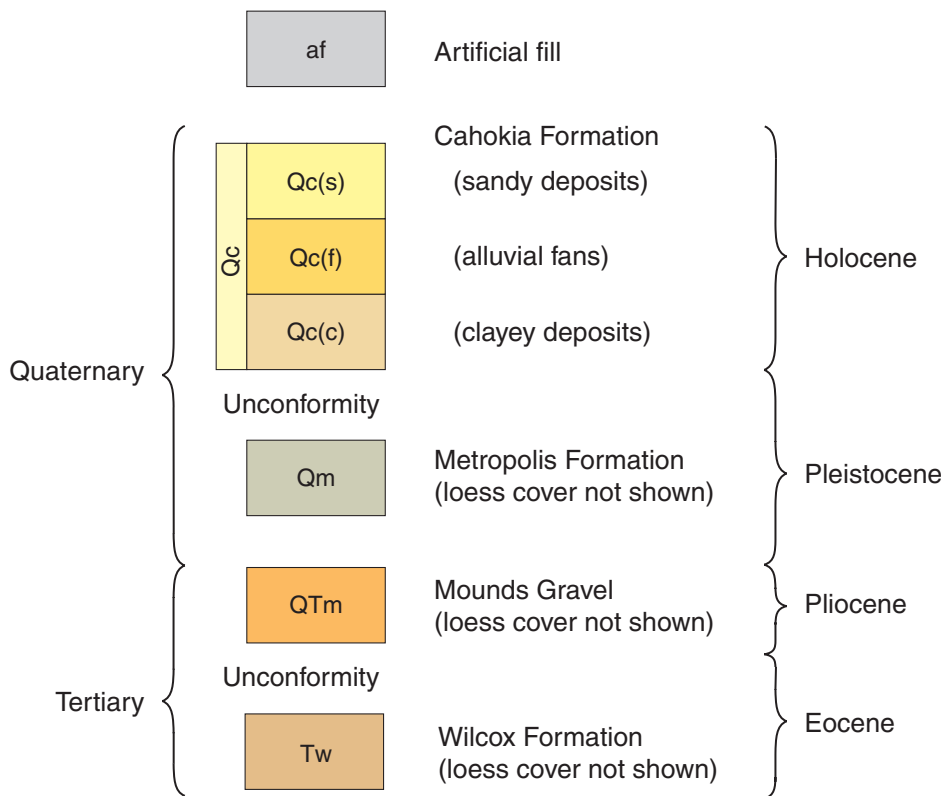
Illinois Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
William W. Shilts, Chief

Illinois Geologic Quadrangle Map
IGQ Cairo-G

W. John Nelson
2008

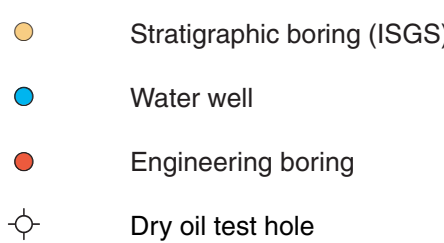


EXPLANATION

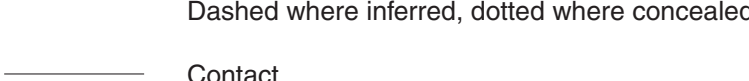


Note: Loess deposits, comprising the Peoria, Roxana, and Loveland silts, cover uplands near the northern edge of the map. Loess is not shown on this map.

Drill Holes

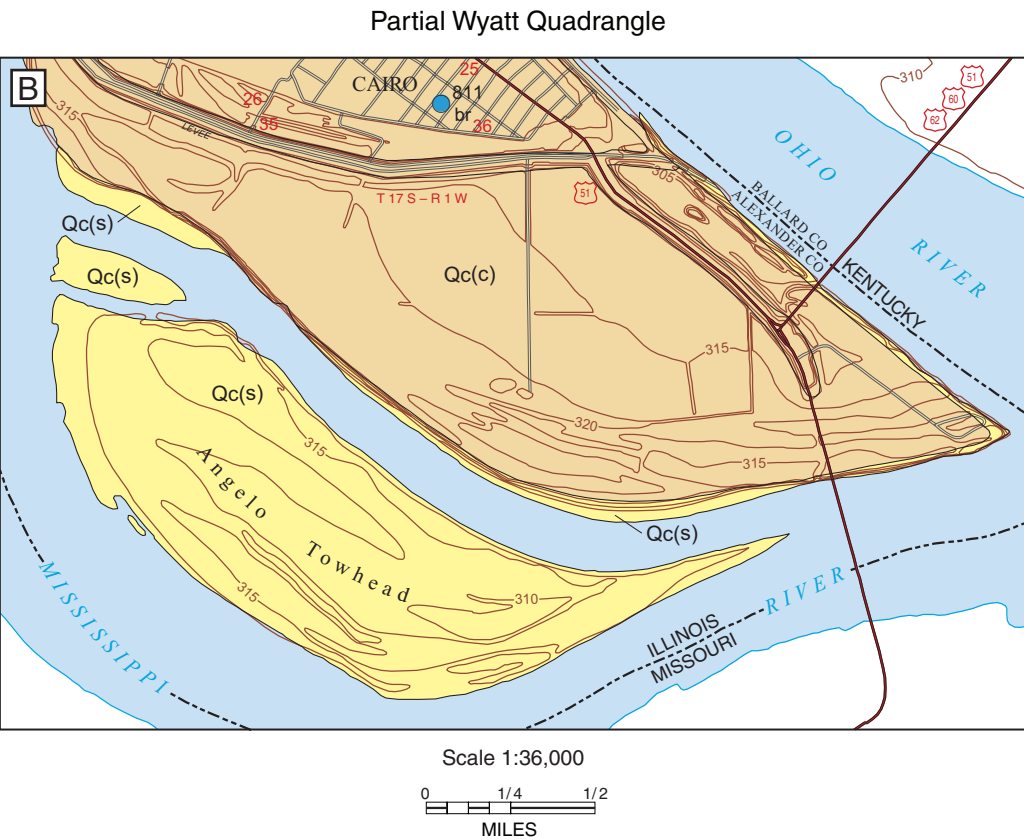
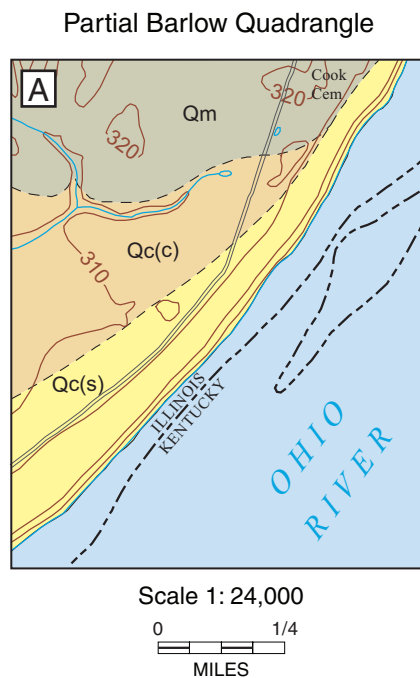
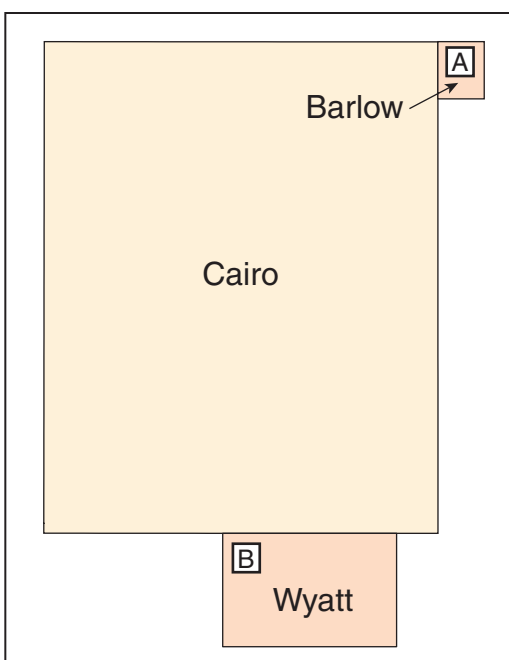


Line Symbols



A—A' Line of cross section

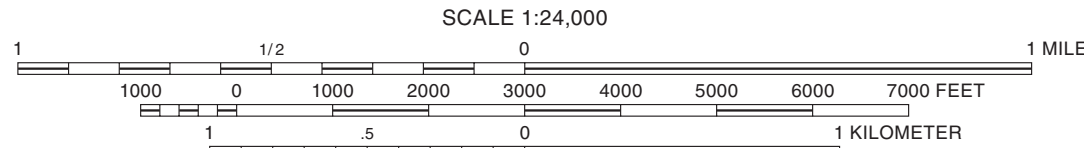
Note: Well and boring records are on file at the ISGS Geological Records Unit and are available online from the ISGS Web site.



Base map compiled by Illinois State Geological Survey from digital data provided by the United States Geological Survey. Planimetry of Illinois compiled by photogrammetric methods from imagery dated 1965. Topography partly by planimetric surveys 1967. Revised from imagery dated 1993. PLSS and survey control current as of 1967. Map edited 1998. Contours not revised. Contours that conflict with revised planimetry are dashed.

North American Datum of 1983 (NAD 83)
Projection: Transverse Mercator
10,000-foot ticks: Illinois: Illinois State Plane Coordinate system, west zone (Transverse Mercator)
1,000-meter ticks: Universal Transverse Mercator grid system, zone 16

Recommended citation:
Nelson, W.J., 2008. Geology of Cairo Quadrangle, Alexander and Pulaski Counties, Illinois: Illinois State Geological Survey, Illinois Geologic Quadrangle Map, IGQ Cairo-G, 2 sheets, 1:24,000.



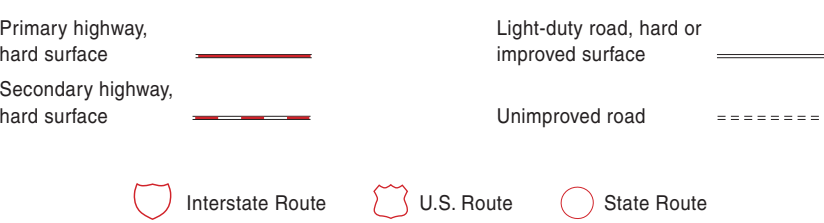
Released by the authority of the State of Illinois: 2008

Geology based on field work and well-log analysis by W. John Nelson, 1999-2002.

Digital cartography by J. Domier, M. Widener, and J. Palmer, Illinois State Geological Survey.

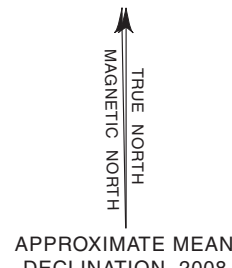
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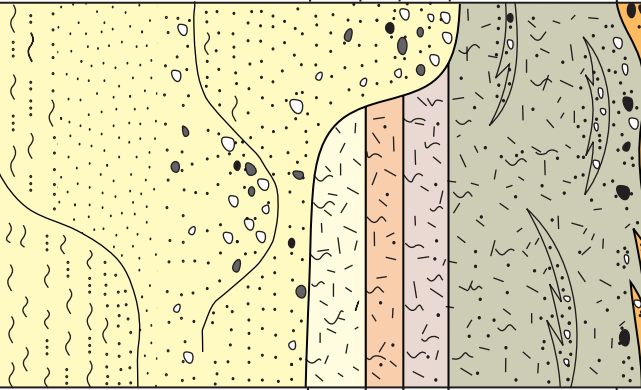
ROAD CLASSIFICATION



1	2	3
4	5	
6	7	8

ADJOINING QUADRANGLES
1 Tamm
2 Pulaski
3 Olmsted
4 Cache
5 Barlow
6 Charleston
7 Wyatt
8 Wickliffe



SYSTEM	SERIES AND STAGE	FORMATION	GRAPHIC COLUMN	THICKNESS (FEET)	UNIT
QUATERNARY	Holocene	Cahokia		20-130	A
TERTIARY	Quaternary				
	Pleistocene				
CENOZOIC	Pliocene				
	Miocene				
TERTIARY	Eocene				
	Oligocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				
	Miocene				
CENOZOIC	Pliocene				

