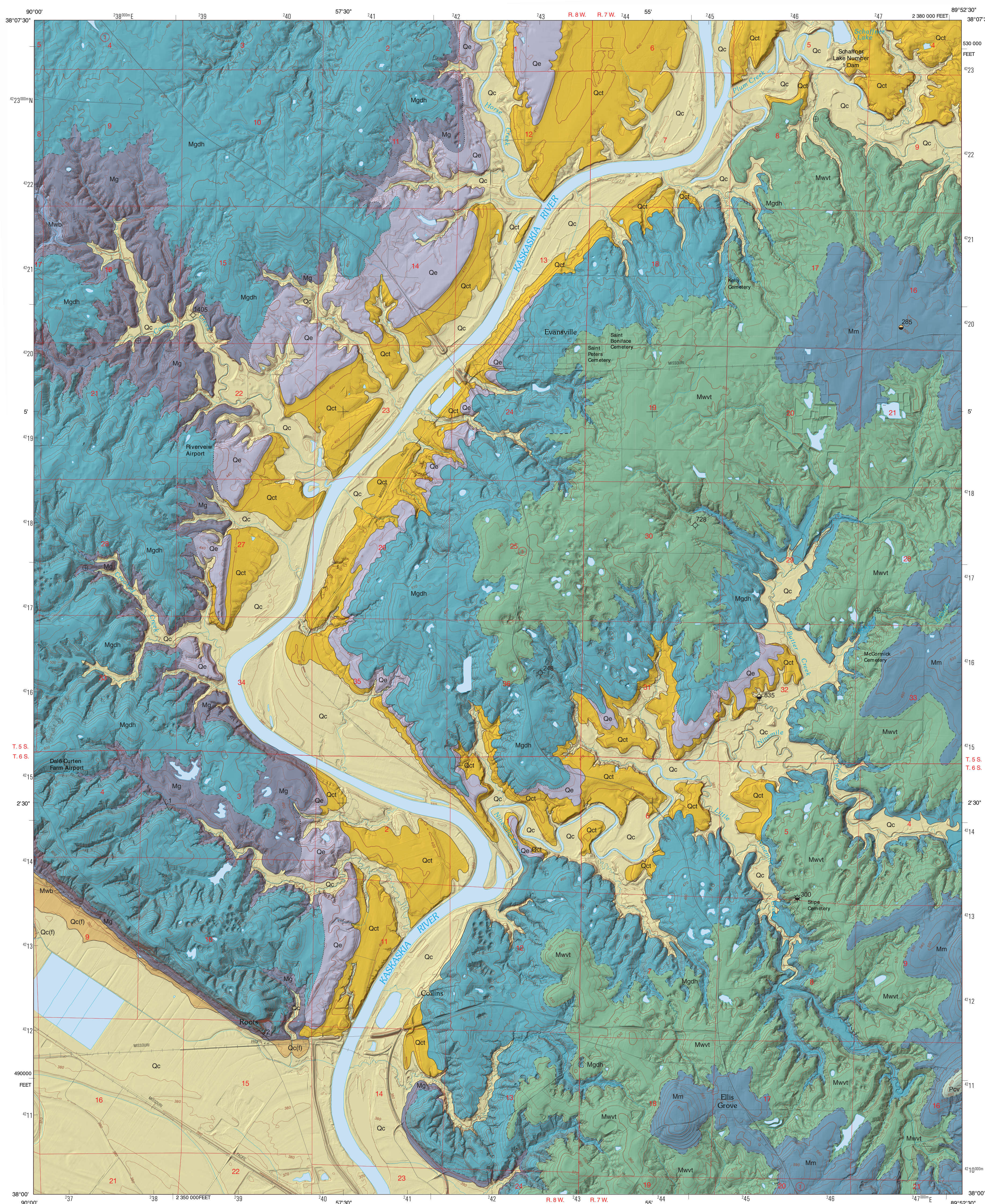


BEDROCK GEOLOGY OF EVANSVILLE QUADRANGLE RANDOLPH COUNTY, ILLINOIS

Prairie Research Institute
ILLINOIS STATE GEOLOGICAL SURVEY

STATEMAP Evansville-BG

Joseph A. Devera
2012



EXPLANATION

Quaternary	Qc	Cahokia Formation undifferentiated	Holocene
	Qct	Terrace deposits undifferentiated	
	Qc(f)	Cahokia Formation (fan deposits)	
Pennsylvanian	Qe	Equality Formation	Wisconsin Episode
	Unconformity		
	Pcv	Caseville Formation	Morrowan
Unconformity			
Mississippian	Mm	Menard Limestone	Chesterian
	Mwvt	Waltersburg Formation, Vienna Limestone, and Tar Springs Sandstone	
	Mgdh	Glen Dean Limestone and Hardinsburg Sandstone	
	Mg	Golconda Formation	
	Mwb	West Baden Formation	

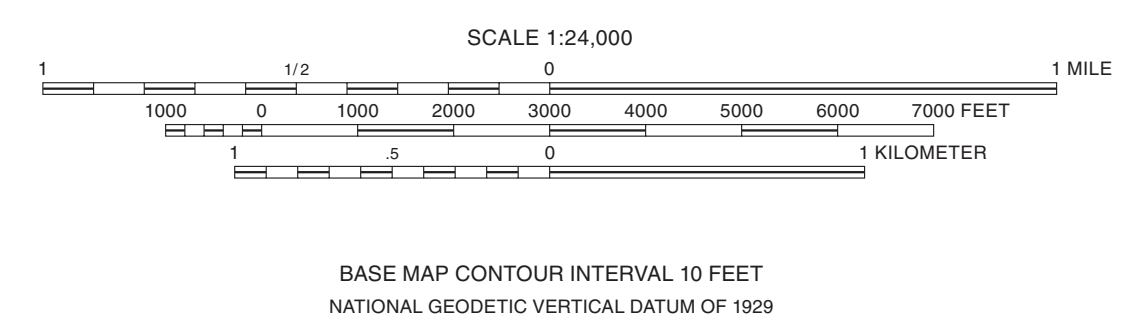
- Symbols**
- 40 Strike and dip of bedding; number indicates degree of dip
 - Horizontal bedding
- Drill Holes**
- Stratigraphic boring - show of oil (ISGS)
 - Dry hole
 - Dry hole - show of gas
 - Numeric label indicates total depth of boring in feet.
- Line Symbols**
- Contact

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 (2011 TIGER/Line Shapefiles) provided by the United States Census Bureau. Hillshade and contours derived from 2012 ISGS LIDAR source data.

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

Recommended citation:
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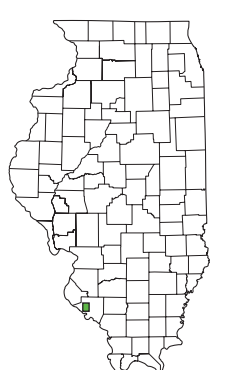
Geology based on field work by Joseph A. Devera, 2011-2012.

Digital cartography by Jane E. Johnson-Domier and Coy E. Potts, Illinois State Geological Survey. Hillshade by Donald E. Luman.

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This map has not undergone the formal Illinois Geologic Quadrangle map review process. Whether or when this map will be formally reviewed and published depends on the resources and priorities of the ISGS.

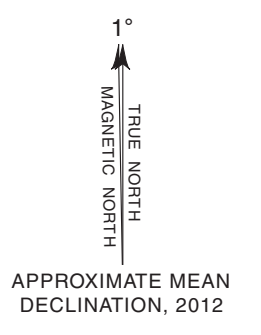
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ADJOINING QUADRANGLES

1	2	3
4	5	
6	7	8

1 Ames
2 Red Bud
3 Baldwin
4 Prairie du Rocher
5 Walsh
6 Sainte Genevieve
7 Kaskaskia
8 Chester



ROAD CLASSIFICATION

	Interstate Route		State Route
	U.S. Route		Other paved roads

