



Base map compiled by Illinois State Geological Survey from digital data provided by the United States Geological Survey. Topography compiled by photogrammetric methods from aerial photographs taken 1986. PLSS current as of 1991. Planimetry derived from imagery taken 1998.

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 15

Recommended citation:

Panno, S.V., J.C. Angel, D.O. Nelson, C.P. Weibel, and D.E. Luman, 2008, Sinkhole Distri-bution and Density of Columbia, Quadrangle, Monroe and St. Clair Counties, Illinois: Illinois State Geological Survey, Illinois Geologic Quadrangle Map, IGQ Columbia-SD, 1:24,000, report, 6 p.

SCALE 1:24,000										
1	1/2			0						1 MILE
	1000		1000	2000	3000	4000	5000	6000	7000 FEET	
	1 .5			0						

BASE MAP CONTOUR INTERVAL 10 FEET SUPPLEMENTARY CONTOUR INTERVAL 5 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929

Released by the authority of the State of Illinois: 2008

Geology based on field work by S.V. Panno, J.C. Angel, D.O. Nelson, and C.P. Weibel, 2000.

Digital cartography by J. Domier, D. Nelson, M. Jones, M. Widener, S. Geegan, and S. Radil, Illinois State Geological Survey.

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IGQ Columbia-SD