

Bedrock Elevation

(feet above mean sea level)

750

725

700

675

650

625

- Illinois State Geological Survey, Illinois Geological Quadrangle Map, IGQ Crystal Lake-DT, 1:24,000.
- Curry, B.B., R.C. Berg, and R.C. Vaiden, 1997, Geologic mapping for environmental planning, McHenry County, Illinois: Illinois State Geological Survey, Circular 559, 79 p.
- Curry, B.B., D.A. Grimley, and J.A. Stravers, 1999, Quaternary geology, geomorphology, and climatic history of Kane County, Illinois: Illinois State Geological Survey, Guidebook 28, 40 p.
- Foote, G.R., 1982, Fracture analysis in northeastern Illinois and northern Indiana: Urbana-Champaign, University of Illinois, Department of Geology, M.S. thesis, 192 p.
- Herzog, B.L., B.J. Stiff, C.A. Chenoweth, K.L. Warner, J.B. Sieverling, and C. Avery, 1994, Buried bedrock surface of Illinois: Illinois State Geological Survey, Illinois Map 5, 1:500,000.
- United States Geological Survey, 1999, Map accuracy standards: Reston, Virginia, Fact Sheet FS-171-99 (http://rmmcweb.cr.usgs.gov/public/nmpstds/nmas647.html).
- Vaiden, R.C., and B.B. Curry, 1990, Bedrock topography of Kane County, Illinois: Illinois State Geological Survey, Open File Series 1990-2b, 1:62,500.

ILLINOIS N AT U R A L RESOURCES

Base map compiled by Illinois State Geological Survey from digital data provided by the

United States Geological Survey. PLSS compiled in 1991. Hypsography compiled 1992.

10,000-foot ticks: Illinois State Plane Coordinate system, east zone (Transverse Mercator)

Curry, B.B., 2005, Bedrock Topography of Crystal Lake Quadrangle, McHenry and Kane

Counties, Illinois: Illinois State Geological Survey, Illinois Geologic Quadrangle Map,

Transportation and hydrography updated from imagery dated 1999.

1,000-meter grid: Universal Transverse Mercator grid, zone 16

North American Datum of 1983 (NAD 83)

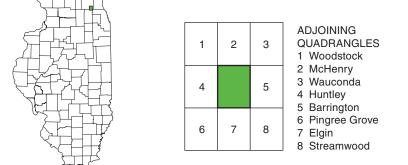
IGQ Crystal Lake-BT, 1:24,000.

Projection: Transverse Mercator

**Recommended citation:** 



Illinois State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964 (217) 244-2414 http://www.isgs.uiuc.edu



1000

SCALE 1:24 000

BASE MAP CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

Released by the authority of the State of Illinois: 2005

2000 3000 4000 5000 6000 7000 FEET



not meant to be enlarged.

1 MILE

1 KILOMETER

Geology based on field work by B. Curry, 1998-2001.

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

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location, the type and quantity of data available at each location, and the scientific and

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Stratigraphic boring  $\overline{\bullet}$ 

Data Type

- Water well
- Engineering boring
- SG Boring with samples (s) or geophysical log (G); dot indicates to bedrock
- Bedrock surface contour located 2,000 feet or less from defining data
- Bedrock surface contour located more \_ \_ \_ than 2,000 feet from defining data

Note: Numeric labels indicate elevation above mean sea level.

## IGQ Crystal Lake-BT