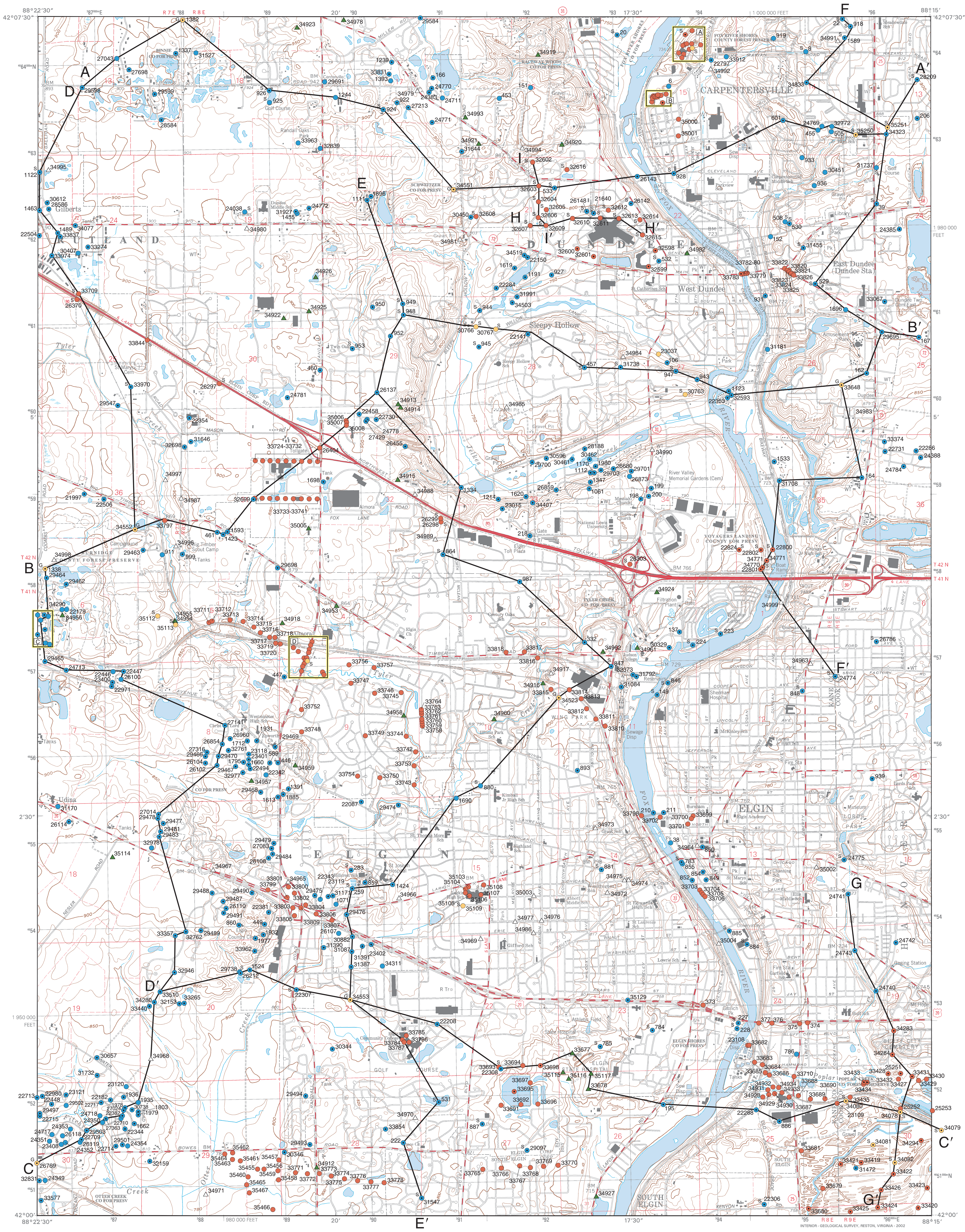
Illinois Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
William W. Shilts, Chief

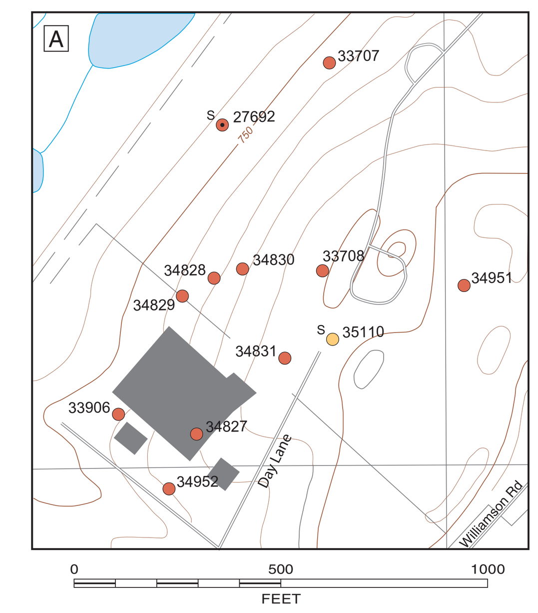
Data Point Locations of Elgin Quadrangle
Kane and Cook Counties, Illinois

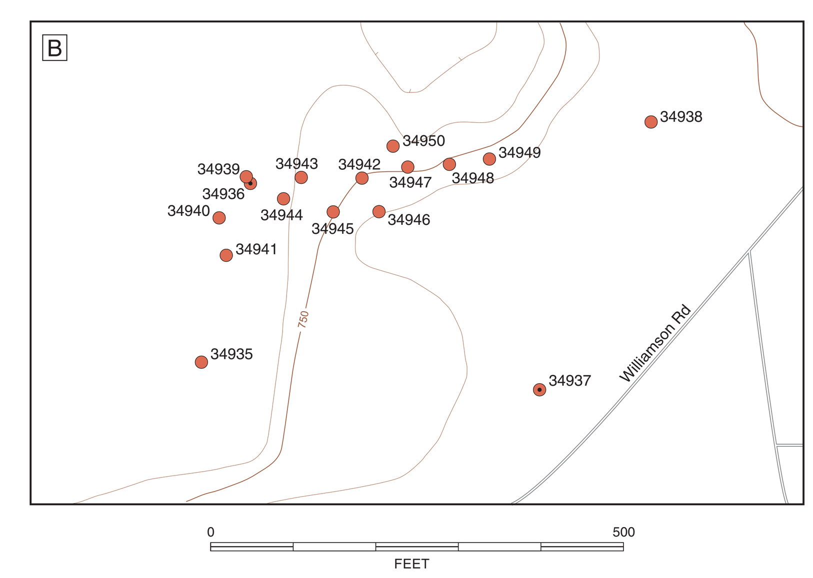
B. Brandon Curry

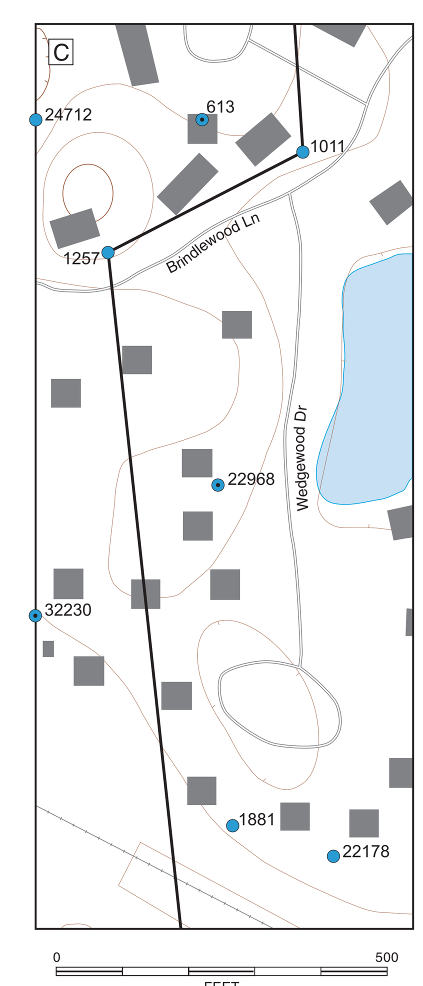
2007

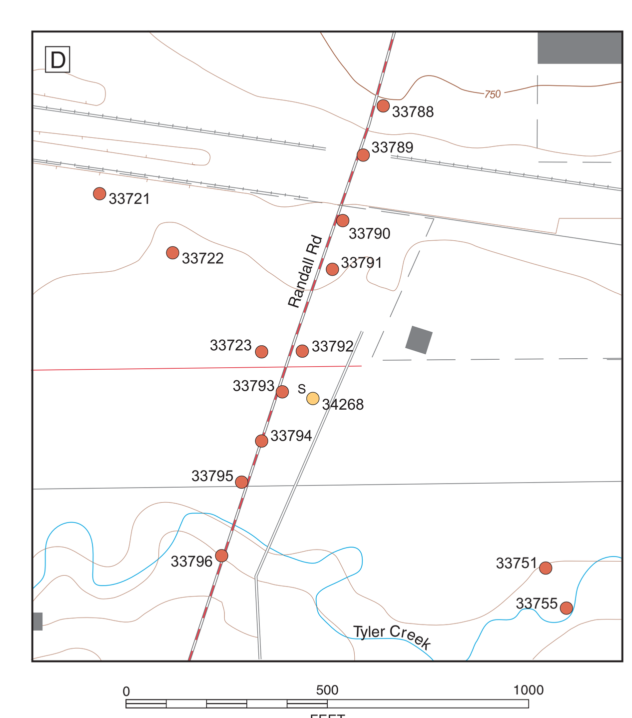
Illinois Geologic Quadrangle Map
IGQ Elgin-DP











Base map compiled by Illinois State Geological Survey from digital data provided by the United States Geological Survey. Topography compiled 1988. Planimetry derived from imagery taken 1998. PLSS and survey control current as of 1991. Boundaries current as of 2002.

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

Recommended citation:
Curry, B.B., 2007, Data Point Locations of Elgin Quadrangle, Kane and Cook Counties, Illinois: Illinois State Geological Survey, Illinois Geologic Quadrangle Map, IGQ Elgin-DP, 1:24,000.

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

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

Released by the authority of the State of Illinois: 2007

Geology based on field work by B. Curry, 2004.

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

The Illinois State Geological Survey, the Illinois Department of Natural Resources, and the State of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this document and accept no liability for the consequences of decisions made by others on the basis of the information presented here. The geologic interpretations are based on data that may vary with respect to accuracy of geographic location, the type and quantity of data available at each location, and the scientific and technical qualifications of the data sources. Maps or cross sections in this document are not meant to be enlarged.

Data Type

Outcrop

Outcrop in field notes (ISGS archives)

Stratigraphic boring

Water boring

Engineering boring

SG 33709 — Labels indicate samples (S) or geophysical log (G). Numeric labels indicate the county number. Outcrop labels indicate geologist's field number. Dot indicates boring is to bedrock.

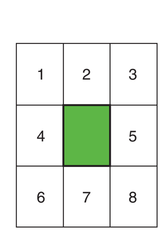
A—A′ Line of cross section

Note: The county number is a portion of the 12-digit API number on file at the ISGS Geological Records Unit. Online well and boring records are available at the ISGS Web site.

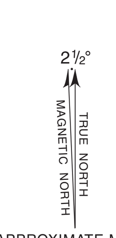
ILLINOIS
DEPARTMENT OF NATURAL RESOURCES

ISGS
Illinois State Geological Survey

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



ADJOINING QUADRANGLES
1 Huntley
2 Crystal Lake
3 Barrington
4 Pingree Grove
5 Streamwood
6 Elburn
7 Geneva
8 West Chicago



APPROXIMATE MEAN DECLINATION, 2007

ROAD CLASSIFICATION

Primary highway, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface

Unimproved road

Interstate Route

U.S. Route

State Route