ISGS OFS 1999 1a

Locations of Data Points in Lee County, Illinois

Illinois State Geological Survey
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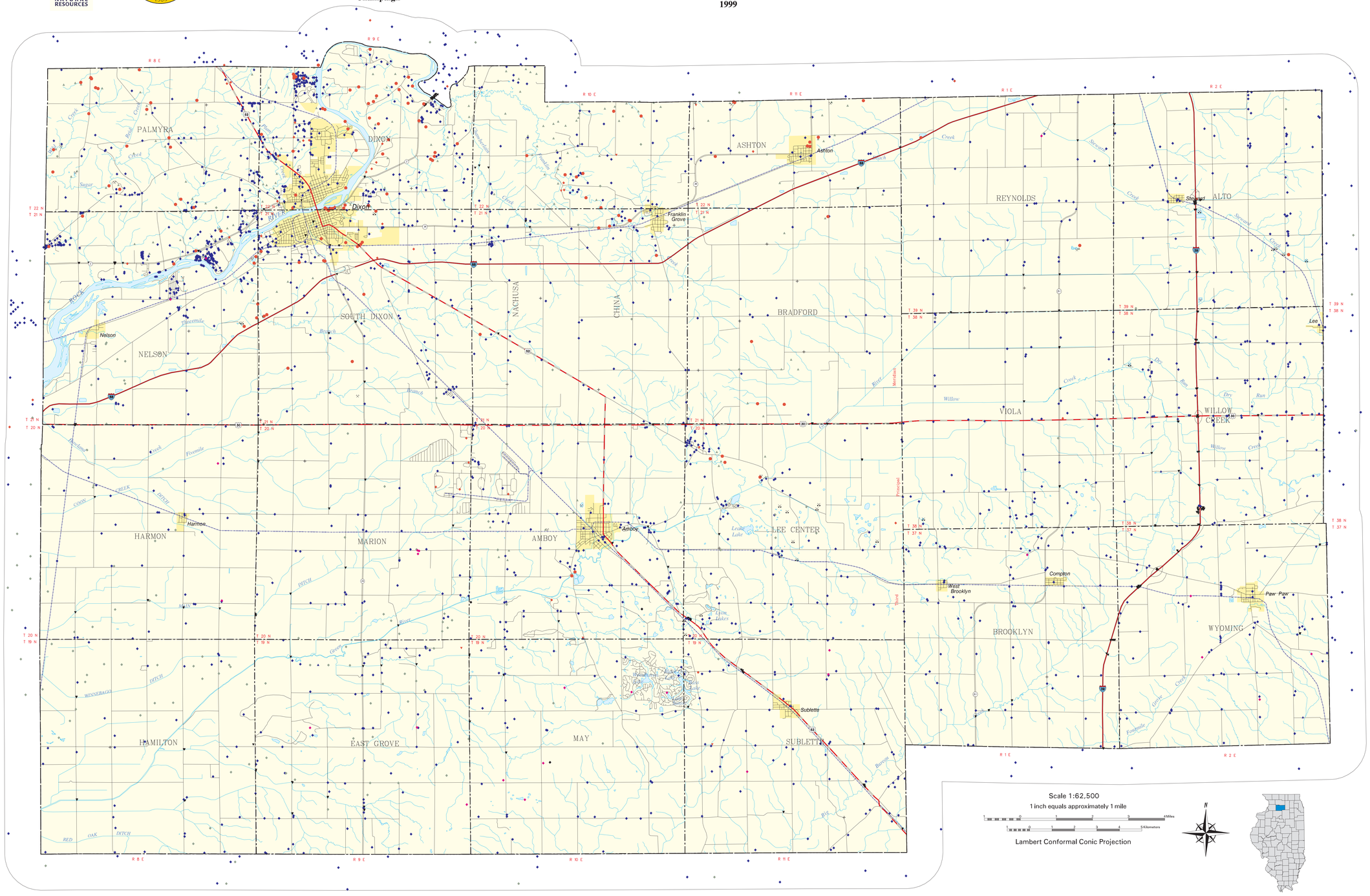
1999

State of Illinois
Department of Natural Resources



Explanation

This map shows the locations and types of point data used to compile the maps of Lee County. This map shows 23 project borings, 2025 water wells, 149 irrigation/farm wells, 332 engineering borings, 43 commercial/industrial wells, 19 bedrock quarries, 16 sand and gravel pits, 129 observations from historic ISGS field notes, 57 other miscellaneous borings, and 350 selected bedrock observations as shown on United States Department of Agriculture soil survey maps (Zwicker, 1985).

Well and boring locations were determined by comparing the given record location, USGS 7.5 minute topographic quadrangles and property ownership plat books. Approximately 37% of the wells and borings could be verified using property ownership plat books. Locations for the remaining wells were estimated.

USDA soil survey bedrock observations were used to map bedrock unit contacts where surficial deposits were less than 5 feet thick.

REFERENCE:

Zwicker, S.E. 1985, Soil Survey of Lee County, Illinois, United States Department of Agriculture.

Data Points

- Project Boring
- Engineering Boring
- Water Well
- Irrigation/Farm Well
- Commercial/Industrial Well
- Water Test Boring
- Structure Test Boring
- Oil and Gas Boring
- Other well
- ISGS Historic Fieldnotes
- Sand and Gravel Pit
- Bedrock Quarry
- Soil Survey Bedrock Observation

- Water Bodies
- US Highway
- State Highway
- Interstate Highway
- Other Roads
- Railroad
- Township Boundary

This map was prepared by the Illinois State Geological Survey, in cooperation with the Illinois Department of Commerce and Community Affairs and the Lee County Board. It is part of a suite of maps created to assist local government in addressing geologic questions concerning capable sites for landfill development. Maps produced for this study are intended for regional land use planning purposes. More detailed mapping is needed for site specific considerations. This map has been reviewed for scientific accuracy and has been edited to meet the quality standards of maps in the ISGS Map Series.