This map shows the distribution and types of point data used to conduct the mapping of Carroll County. The map shows 25 project borings, 859 water wells, 23 bridge borings, 46 engineering borings, 4 water wells, 23 Quaternary exposures, 79 bedrock outcrops, and 79 engineering borings. The map has been reviewed for scientific accuracy and has been edited to meet the quality standards of maps in the ISGS Map Series.

This map was prepared by the Illinois State Geological Survey, in cooperation with the Illinois Department of Commerce and Community Affairs and the Carroll County Board. It is part of a suite of maps created to assist county officials in mapping natural resources and related features. The map has been created from data provided by various sources, including the United States Department of Agriculture soil survey maps (Ray, 1975). Well and boring locations were determined by comparing the given record location, USGS 7.5-minute topographic quadrangles and property ownership plat books. Only 21% of the wells and borings could be located using the property ownership plat books. Locations for the remaining 79% of the wells were estimated.

USDA soil survey bedrock observations were used to map bedrock unit contacts. Bedrock observations distant from bedrock contacts were not noted.

Notable clusters of wells include the high concentration of wells near Lake Carroll and southeast of Savanna. The wells around Lake Carroll are residential wells of this resort area. The wells southeast of Savanna are from a site investigation for a proposed, but never built, nuclear power plant.

REFERENCE: