RESOURCE EXTRACTION AND LANDFILL ACTIVITIES
OF TAZEWELL COUNTY, ILLINOIS

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2003

This map displays the location and mineral resource extraction and waste disposal activities in Tazewell County. There are two main types of extraction noted in the county: coal and industrial materials.

All coal mining in Tazewell County has been done underground. This mining occurs only in the eastern part of the county, where the prevailing geologic conditions are favorable. However, underground coal mining has resulted in the abandonment of surface workings, which could transmit water or contaminants.

Coal mining activity data were supplied by the Illinois State Geological Survey (ISGS) and other organizations. The surficial geology, surface geology, and geologic environments are shown in the map. These data were compiled from data sources that may be commercially available and may be subject to confidentiality. However, open workings and shafts may be visible from the air, which could transmit water or contaminants.

Industrial Mineral data were collected from several sources, including publicly available data and site visits. The Illinois State Geological Survey, the Illinois Department of Commerce and Consumer Affairs, and the Illinois State Geological Survey Office of Surface Mining have contributed data to this map.

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The four landfills shown on this map were identified by the Tazewell County Health Board. These landfills are located in areas where land use patterns are in consideration for potential use for future development. In areas where land use patterns are in consideration for potential use for future development, the distance between the mined-out areas and the potential development sites is important to consider.

Geologic and hydrologic conditions of a candidate site are important to consider when selecting a location for operation of a landfill. The limitations of a site may be influenced by the geologic and hydrologic conditions of the candidate site. The four landfills shown on this map were identified by the Tazewell County Health Board, and the geologic and hydrologic conditions of the candidate sites were determined by the Tazewell County Health Board.

In Tazewell County, many subsurface abandoned mines and waste disposal areas may be environmentally available and prone to leakage. Surface open workings and shafts may be visible from the air, which could transmit water or contaminants.

This map also shows the locations of several landfills in Tazewell County. As with any land use plan, several factors may influence the suitability of a location for operation of a landfill. The suitability of a site may be influenced by the geologic and hydrologic conditions of the candidate site. The four landfills shown on this map were identified by the Tazewell County Health Board, and the geologic and hydrologic conditions of the candidate sites were determined by the Tazewell County Health Board.

This document provides a conceptual model of the geology of the area on which further work can be based. This large-scale (1:62,500-scale) map or cross section, by whatever means, does not increase the inherent accuracy of the information and scientific interpretations it portrays. Location, and the accuracy/technical qualifications of the data sources. This map is not meant to be enlarged. Enlarging the scale of a published map or cross section, by whatever means, does not increase the inherent accuracy of the information and scientific interpretations it portrays.

REFERENCES


Johnstone and McGarry, J. 1973, Geologic Map of Tazewell County, Illinois" (Johnstone and McGarry 1973). All other data used in compiling this map were also geologic and hydrologic conditions of a candidate site. The four landfills shown on this map were identified by the Tazewell County Health Board, and the geologic and hydrologic conditions of the candidate sites were determined by the Tazewell County Health Board.

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