

Depth to bedrock map for Town of Lincoln, Kewaunee County, Wisconsin; depth-to-bedrock polygon features (2017; 1:50,000 scale; tol_beddepth.shp)

Shapefile



Tags

Town of Lincoln, Kewaunee County, Wisconsin, geology, hydrogeology, depth to bedrock

Summary

These data accompany the Wisconsin Geological and Natural History Survey (WGNHS) Open-File Report 2017-05. The polygon features presented in map 2 of this report, "Depth to bedrock" is an interpretation of depth-to-bedrock information that was generated from multiple input datasets.

More details about specific data inputs used in the depth-to-bedrock interpretation are included in the file: Depth-to-bedrock map supplemental data for Town of Lincoln, Kewaunee County, Wisconsin; (2017; 1:50,000 scale).

Description

Map 2 of WGNHS Open-File Report 2017-05, shows the depth to the top of bedrock in the Town of Lincoln. It uses polygons to indicate the depth, in feet below land surface, at which competent bedrock is estimated to be present. This map can also be thought of as showing the thickness of unconsolidated soil and glacial deposits overlying bedrock (i.e., a depth to bedrock of 20 feet is the same as an unconsolidated thickness of 20 feet). Shallow bedrock is a key factor in determining where groundwater is most susceptible to contamination.

More details about the depth-to-bedrock map and data inputs are included in the following report: Parsen, M.J., Mauel, S.W., Streiff, C.M., 2017, Hydrogeological characterization of the Town of Lincoln, Kewaunee County, Wisconsin: Wisconsin Geological and Natural History Survey Open File Report 2017-05.

Fields:

depth_to_b: The depth-to-bedrock range associated with each polygon element.

D2BR_Val: The maximum depth-to-bedrock value associated with each polygon element. This field is useful when assigning symbology styles.

Credits

This project was completed by the Wisconsin Geological and Natural History Survey (WGNHS), UW-Extension, with support from the Town of Lincoln, Kewaunee County, Wisconsin.

Use limitations

This dataset was developed from sources of varying map scales and may not be accurate for site-specific applications without verification. These data represent work performed by the Wisconsin Geological and Natural History Survey.

Please contact gis@wgnhs.uwex.edu with any questions or comments.

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