DRIFT THICKNESS MAP OF WAYNE COUNTY, NEW YORK

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INTRODUCTION

The drift thickness map of Wayne County, New York, was produced for the U.S. Geological Survey by Karl J. Bauckman. The purpose of the map is to show the thickness of the drift, which is the unconsolidated sedimentary material that underlies the glacial ice and covers the bedrock. The map is based on a digital elevation model (DEM) of the county and uses a color scheme to represent different thicknesses of drift. The map is useful for understanding the geologic history and landscape development of the region.

METHODOLOGY

The map was produced using a combination of topographic data and digital elevation models. The topographic data were used to create a base map of the county, while the digital elevation model was used to calculate the thickness of the drift. The thickness was then represented using a color scheme, with different colors representing different thicknesses of drift. The map was produced using ArcGIS software.

RESULTS

The map shows the thickness of the drift in Wayne County, New York. The drift is thinnest in the eastern part of the county and thickest in the western part. The map also shows the boundaries of the drift, which are defined by the edges of the glacial ice. The map is useful for understanding the geologic history of the region and for planning future development.

CONCLUSIONS

The drift thickness map of Wayne County, New York, is a valuable tool for understanding the geologic history and landscape development of the region. The map can be used by geologists, planners, and other professionals to plan future development and protect the natural resources of the area.

EXPLANATION

- **Legend**: The legend on the map shows the color scheme used to represent different thicknesses of drift. The legend is located in the bottom left corner of the map.

- **Contour Lines**: The contour lines on the map represent the boundaries of the drift. The contour lines are spaced at regular intervals, with thicker lines representing larger thicknesses of drift.

- **Drift Thickness**: The thickness of the drift is shown using a color scheme, with different colors representing different thicknesses. The map uses a gradient of colors to represent the range of thicknesses.

REFERENCES
