SURFICIAL MATERIALS

GLACIAL AND POSTGLACIAL DEPOSITS

EXPLANATION

Unconsolidated glacial and postglacial deposits, that range from fine silt to scattered boulders in thickness, overlay the bedrock surface and important structural features. The map portrays the areal extent and subsurface geometric (vertical) distribution of these surficial materials. The map legend is designed to highlight the horizontal distribution and the character of the materials portrayed. Most of Connecticut's surficial material is glacially derived, and can be divided into two broad depositional categories: Glacial Ice-Laid deposits and Meltwater deposits. These materials which are generally exposed to the surface, and are the most widespread surficial deposits in Connecticut, and are described in detail in Chapter 14 of the Connecticut Geological and Natural History Survey's Connecticut Surficial Map. In addition, the surficial material associated with the Surficial Material Poly dataset contains information on the distribution and character of the materials portrayed. Most of Connecticut's surficial material is glacially derived, and can be divided into two broad depositional categories: Glacial Ice-Laid deposits and Meltwater deposits. These materials are typically exposed to the surface, and are the most widespread surficial deposits in Connecticut, and are described in detail in Chapter 14 of the Connecticut Geological and Natural History Survey's Connecticut Surficial Map.

Glacial Ice-Laid deposits (g) are derived from glacial ice and range in size from fine silt to scattered boulders. They are often composed of layers of well-to-poorly sorted deposits, which are typically thicker than surrounding deposits. These deposits are often composed of layers of well-to-poorly sorted deposits, which are typically thicker than surrounding deposits. They can be good sources of construction materials, and are easily dug or excavated to create basins and foundations.

Meltwater deposits are deposited during, and following the retreat of the last ice sheet. They are often composed of layers of well-to-poorly sorted deposits, which are typically thicker than surrounding deposits. They can be good sources of construction materials, and are easily dug or excavated to create basins and foundations.

Data Sources


DATA SOURCES


OTHER GEOLOGIC MAPS - This map is also available for download as a PDF file from the USGS website. The map is also available for download as a PDF file from the USGS website. The map is also available for download as a PDF file from the USGS website. The map is also available for download as a PDF file from the USGS website. The map is also available for download as a PDF file from the USGS website.

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