GLACIAL AND POSTGLACIAL DEPOSITS

Explanatory note:

Unconsolidated glacial and postglacial deposits subdivide Connecticut into a series of distinct geologic provinces, each with its own unique geologic setting and development history. The diversity of surficial deposits is a direct result of the variation in the sources of glacial sediment, the mode of transport, and the depositional setting of the deposits. The glacial and postglacial deposits are the most widespread surficial deposits in Connecticut and are the most valuable source of construction materials.

The surficial materials map portrays the areal extent and sub-basin distribution of glacial and postglacial deposits, the textural or sedimentary characteristics of each deposit type, and the relationship between the textural characteristics and the depositional environments. The surficial materials map is a useful tool for understanding the geologic setting of Connecticut and for locating areas with favorable geologic conditions for development.

Map Legend:

- **Glacial Ice-laid Deposits**: Deposits deposited by the glacier itself, such as till, outwash, and lake deposits.
- **Postglacial Deposits**: Deposits formed after the glacier retreated, such as meltwater deposits, alluvium, and estuarine deposits.

Map Source:

- **Map 1**: Connecticut Department of Environmental Protection, 2008.

Map Information:

- **Scale**: 1:24,000
- **Projection**: State Plane Connecticut East 1:24,000
- **Datum**: North American Datum of 1983

Data Sources:

- **Connecticut Department of Environmental Protection**: Connecticut Surficial Materials Map, 2008.

Map Credits:

- **Map 1**: Map created by CT DEP, August 2008.
- **Map 2**: Map created by CT DEP, 2000.

Map Notes:

- This map is a map of Connecticut's surficial materials, which are largely composed of glacial sediments, and shows the relationship between the depositional environments and the surficial deposits.

Map References:

- **Connecticut Surficial Materials Map**: Connecticut Department of Environmental Protection, 2008.

Map Credits:

- **CT DEP**: Connecticut Department of Environmental Protection, 2008.