GLACIAL ICE-LAI.D DEPOSITS

- Quaternary sediments
- Tills and glacial meltwater deposits
- Glacial lake deposits
- Glacial meltwater deposits
- Glacial Meltwater deposits

SAND PARTICLES

- Fine sand
- Medium sand
- Coarse sand
- Gravel

EXPLANATION

Unconsolidated glacial and postglacial deposits, the base layer of surficial materials, represent a wide variety of grain sizes ranging from clay to large boulders. The composition of glacial deposits is dominated by gravel and sand, while postglacial deposits can be composed of sand, silt, clay, and organic matter. Beach deposits are characterized by their high-energy depositional environment, often associated with coastal settings. They are typically composed of sand and gravel.

SAND PARTICLES

- Fine sand
- Medium sand
- Coarse sand
- Gravel

DATA SOURCES

SURFICIAL MATERIALS DATA - Surficial Materials data shown on this map are from the Surficial Materials Data Base, which contains data digitized from the U.S. Geological Survey’s Digital Surficial Materials Data Base, published in cooperation with the Connecticut Geological and Natural History Survey. The data were derived from the 1:125,000-scale compilation sheets prepared for both the State of Connecticut and the U.S. Geological Survey.

GLACIAL AND POSTGLACIAL DEPOSITS

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DATA SOURCES

OTHER GEOLOGIC MAPS - This map is also available for use with the current edition of the CT Environmental Geologic Atlas, published by the Connecticut Geological and Natural History Survey. User guides and reports are available from the CT DEP website.

MAPS AND DIGITAL DATA - Go to the CT DEP website for this map and a variety of others. Go to the CT DEP website for the digital spatial data related to this map.

RESEARCH AND DEVELOPMENT

- Geologic Survey special map, 2 sheets, scale 1:125,000 (Stone, J.R., 1979). Sand and gravel deposits are often composed of layers of well-to-poorly sorted sands and gravels. They are often composed of layers of well-to-poorly sorted sands and gravel, and commonly underlie stratified meltwater deposits (see Block Diagram). End moraine deposits (primarily ablation till) occur in valleys and lowlands. A

MOUNT CARMEL, CONNECTICUT

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