**SURFICIAL MATERIALS**

**GLACIAL AND POSTGLACIAL DEPOSITS**

**Fines Deposits**
- Coarse Deposits
  - Sand and Gravel
  - Gravel
  - Sand
  - Fines
  - Surficial Sand and Gravel
  - Surficial Gravel
  - Surficial Sand
  - Glacial Till

**Postglacial Deposits**
- Coarse Deposits
  - Sand and Gravel
  - Gravel
  - Surficial Sand and Gravel
  - Surficial Gravel
  - Surficial Sand
  - Glacial Till

**Stacked Coarse Deposits Overlying Fine Deposits**
- Coarse Deposits
  - Sand and Gravel
  - Gravel
  - Surficial Sand and Gravel
  - Surficial Gravel
  - Surficial Sand
  - Glacial Till

**Stacked Fine Deposits Overlying Coarse Deposits**
- Fine Deposits
  - Sand and Gravel
  - Gravel
  - Surficial Sand and Gravel
  - Surficial Gravel
  - Surficial Sand
  - Glacial Till

**EXPLANATION**

Unconsolidated, glacial and postglacial deposits, the landform of choice for a flood-prone area, is a broad category that includes alluvium resulting from meltwater discharge, river, sea, and marine processes. These deposits are characterized by their loose, unstable nature and lack of cohesiveness, which makes them unsuitable for construction or development. Glacial deposits, on the other hand, are formed by the action of ice and are composed of a variety of materials, including rock, sediment, and water. The lack of sorting and stratification typical of ice-laid deposits make them unsuitable for construction or development.

**DATA SOURCES**

- **SURFICIAL MATERIALS DATA** - Surficial Materials data is derived from the State of Connecticut’s surficial materials database, which contains information on the spatial distribution of surficial materials. This data is used to create maps and reports published by the Connecticut Geological and Natural History Survey, USGS, and others.

- **QUATERNARY GEOLOGIC AND SURFICIAL MATERIALS DATA** - Quaternary geologic and surficial materials data is derived from the State of Connecticut’s surficial materials database, which contains information on the spatial distribution of surficial materials. This data is used to create maps and reports published by the Connecticut Geological and Natural History Survey, USGS, and others.

**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.