QUATERNARY GEOLOGY

LIST OF MAP UNITS

PHISICAL DEPOSITS - Late Holocene, late Wisconsinan

- Artic Ice Drift
- Coastal Beach and Dune Deposits
- Glacial Drift
- Glacial Kame
- Outwash
- Till

GLACIAL MELT-WATER DEPOSITS - Late Wisconsinan

- Deposits of Major Ice-Stream Delta
- Deposits of Major Submerged Embayment
- Deposits of Related Series of Major Ice-Stream Delta
- Deposits of Related Series of Major Submerged Embayment
- Deposits of Proximal Meltwater Streams
- Deposits of Distal Meltwater Streams

GUARDIAN-RAISED DEPOSITS - Early Holocene, late Wisconsinan

- Molluscan Shells
- Sand Dune Deposits

EXPLANATION OF MAP SYMBOLS

Area of glaciofluvial deposits grading to glacial lake
Area of lake outlet sedimentation
- Elevational break - Boundary between major geomorphic basins
- Glacial Divide - Boundary between major geomorphic basins dividing it into north draining and south draining regions

EXPLANATION

Quaternary Geology is the study of the geologic history involved in the formation and development of the Earth during the last 2.6 million years. It includes the study of deposits and landforms created by glacial and other processes. The Quaternary Period is divided into two stages: the Pleistocene and the Holocene. The Pleistocene is further divided into the Early Pleistocene, Middle Pleistocene, and Late Pleistocene, while the Holocene is the most recent geological period.

The Quaternary Geology Map of Connecticut and Long Island Sound Basin is a valuable resource for understanding the geologic history of the region. It provides information on the distribution and characteristics of glacial and other deposits, as well as the environments in which they were formed. The map is based on a compilation of existing data and new research, and is intended to be a tool for geologists, planners, and the general public to understand the geology of the area.

DATA SOURCES

Quaternary geology data are from the Connecticut Department of Environmental Protection, Bureau of Geology. The map includes information on the distribution of glacial and other deposits, as well as the environments in which they were formed. The data are compiled from a variety of sources, including published reports, digital data, and field observations.

ASHWAY, CONNECTICUT

CT DEP Quadrangle

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