

**EXPLANATION**

CLAY INFERRED TO BE ABSENT

THICKNESS OF MATERIAL OVERLYING CLAY, IN FEET

0
20
40
60

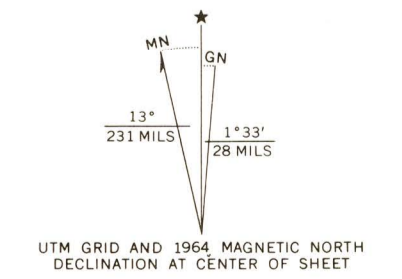
This map shows the thickness of the material overlying the principal clay unit. The map is based primarily on information from well logs and test-hole logs, the locations of which are shown by Hildreth and Keene (1972). The clay unit may consist of a thick, massive bed of relatively pure clay, or it may consist of discrete layers of clay alternating with layers of silt and very fine sand (varved clay).

Locally the actual thickness of the material overlying the principal clay unit may differ from the mapped value because the clay grades upward into layers of silt and very fine sand. The contact in these areas is poorly defined and must be estimated.

Small, isolated deposits of clay not associated with the principal deposit are included with the overlying material.

- REFERENCES**
- Cushman, R.V., 1963, Geology of the Hartford North quadrangle, Connecticut: U.S. Geol. Survey Geol. Quad. Map GQ-213.
  - Hildreth, C.T., and Keene, C.H., 1972, Location of wells and test holes, Hartford North quadrangle, Connecticut: U.S. Geol. Survey Misc. Geol. Inv. Map I-784 F.
  - Byan, R.B., and Weiss, L.A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Connecticut Water Resources Bull. 25, 54 p.

Base from U.S. Geological Survey, 1964  
10,000-foot grid based on Connecticut coordinate system  
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue



SCALE 1:24,000

DATUM IS MEAN SEA LEVEL

DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER

SHEDDING SYMBOL REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.7 FEET



Compiled in part from data gathered in cooperation with the State of Connecticut, Department of Environmental Protection, State Geological and Natural History Survey

**THICKNESS OF MATERIAL OVERLYING PRINCIPAL CLAY UNIT, HARTFORD NORTH QUADRANGLE, CONNECTICUT**

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1972

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