

EXPLANATION

- CLAY INFERRED TO BE ABSENT
- THICKNESS OF MATERIAL OVERLYING CLAY, IN FEET
- 0 TO 20
- GREATER THAN 20
- LIMIT OF PRINCIPAL CLAY UNIT
- 20
- CONTOUR SHOWING THICKNESS OF MATERIAL OVERLYING CLAY, IN FEET

This map shows the distribution and thickness of material overlying the principal clay unit. The clay unit consists of a thick, massive bed of relatively pure clay in some areas; in other areas it consists of discrete layers of clay alternating with layers of silt and very fine sand (varved clay). The material overlying the principal clay unit commonly consists of sand. In places this sand is overlain by gravel or sand and gravel, and may also be overlain by fine materials not related to the principal clay unit.

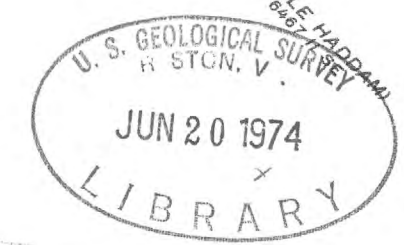
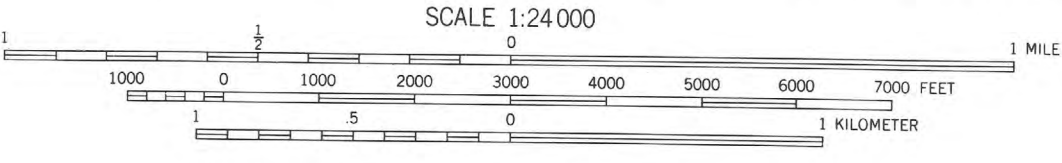
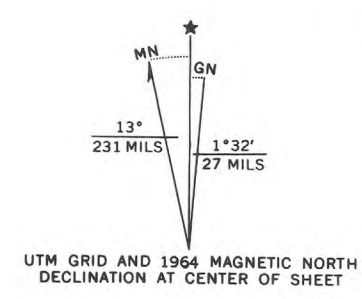
Locally the actual thickness of material overlying the principal clay unit may differ from the mapped value because the clay grades upward into the overlying material. The contact in these areas is poorly defined and is an estimate.

THIS MAP IS INTENDED TO SERVE AS AID AND IN RECONNAISSANCE EVALUATION OF THE PRINCIPAL CLAY UNIT AND IS NOT INTENDED TO BE A SUBSTITUTE FOR ONSITE INVESTIGATIONS.

SOURCES OF DATA

- Deane, R.E., 1967, The surficial geology of the Hartford South quadrangle: Connecticut Geol. and Nat. History Survey Quad. Rept. 20, 43 p.
- Ryder, R. B., and Weiss, L.A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Connecticut Water Resources Bull. 25, 34 p.

Base from U.S. Geological Survey, 1964
10,000-foot grid based on Connecticut coordinate system
1,000-meter Universal Transverse Mercator grid ticks, zone 18



MAP SHOWING THICKNESS OF MATERIAL OVERLYING PRINCIPAL CLAY UNIT, HARTFORD SOUTH QUADRANGLE, CONNECTICUT

By
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1974

Connecticut (Hartford South quad).
1:24,000. 1974.
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