



**EXPLANATION**



Clay inferred to be absent

— 20 —  
Contour showing thickness of material overlying clay (in feet)

This map shows the distribution of the principal clay deposit and the thickness of the material overlying it. The clay deposits may occur as a thick, massive bed of relatively pure clay, or it may occur as discrete layers of clay alternating with layers of silt and very-fine sand (varved clay).

Locally the actual thickness of the material overlying the clay deposit may differ from the mapped value because the clay gradually 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 deposits.

**References:**

Colton, Roger B., 1960, Surficial geology of the Windsor Locks quadrangle Connecticut: U.S. Geol. Survey Geol. Quad. Map GQ-137.

Ryder, R. B. and Weiss, L. A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Conn. Water Resources Bull. No. 25, 54 p.

PLATE 7

**THICKNESS OF MATERIAL OVERLYING THE  
PRINCIPAL CLAY DEPOSIT**

**WINDSOR LOCKS QUADRANGLE  
CONNECTICUT**

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U.S. Geological Survey  
OPEN FILE MAP  
This map is preliminary and has not been edited or revised for conformity with Geological Survey standards or nomenclature.