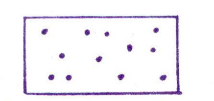


EXPLANATION



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.

Reference:

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

PLATE 12

SCALE 1:24,000

**THICKNESS OF MATERIAL OVERLYING THE
PRINCIPAL CLAY DEPOSIT
GLASTONBURY QUADRANGLE
CONNECTICUT**

By
William H. Langer
1972

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