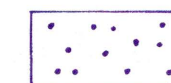


EXPLANATION



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., 1965, Geologic map of the Broad Brook quadrangle, Connecticut: U.S. Geol. Survey Geol. Quad. Map 60-434.

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 8

SCALE 1:24,000

THICKNESS OF MATERIAL OVERLYING THE PRINCIPAL CLAY DEPOSIT BROAD BROOK 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.