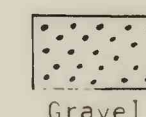


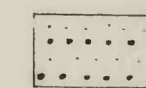
## EXPLANATION

Distribution of unconsolidated materials;  
inferred minimum thickness 3 feet



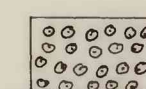
Gravel

Coarse-grained, poorly-sorted to well-sorted pebble and/or cobble gravel. Clasts range in size from 5 mm to 265 mm. Variable sandy matrix



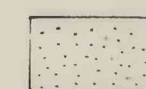
Interbedded sand and gravel

Deposits of thin sand and gravel interbeds with complex cut and fill structures; strongly bimodal textures with good sorting



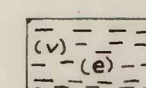
Mixed sand and gravel

Unsorted, unbedded to poorly-bedded sand and gravel with little indication of subsurface structure or texture; clasts of various sizes and shapes common, including blocks and boulders



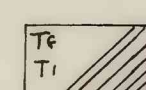
Sand

Loose, bedded, well-sorted to poorly-sorted, fine to coarse sand. Grain size ranges from .05 mm to 4 mm; contains variable amounts of pebbles or cobbles



Silt or clay

Thin-bedded to massive clayey silt or clay  
(v), varved silts or clays  
(e), clean, massive clay; potentially exploitable



Till

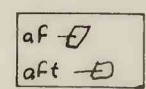
Unsorted, unbedded to obscurely-bedded material ranging from clay to boulder sizes. Generally compact. Close-spaced ruled pattern indicates areas of thick till greater than 40 ft.

Tf, friable, sandy "upper" till; locally pebbly, cobbly, or sand suitable for borrow. Other subscripts indicate significant textural component  
Tl, "lower", cohesive, hard clay-sand till



Swamp deposits

Unsorted, unbedded, mixed, mucky material of local origin, including organic debris; generally waterlogged



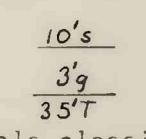
Artificial fill

af, sandy till, sand, or gravel chiefly in highway embankments and railroad grades  
aft, fill mixed with or thinly covering trash and dump debris



Blocks

Area of abundant, loose surface boulders and blocks or talus material

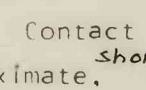


Materials classification

"Sandwich" indicates superposition and thickness of bedded materials, e.g., 10 ft. of sand over 3 ft. of gravel over 35 ft. of till

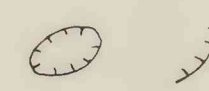
"feet" = "inches", "and" = "to"

cl, clay	ms, medium-grained sand	cg, cobble gravel
sl, silt	cs, coarse sand	p, pebbles
s, sand	g, gravel	c, cobbles
fs, fine sand	pc, pebble gravel	b, boulders
BR, bedrock	bq, boulder gravel	bk, blocks



Contact

Long dashes where approximate, short dashes where inferred



Outline or border of large, exposed cut or materials exposure



Location of spring or ground-water seep



Numbered well or borehole to bedrock; right superscript indicates depth to bedrock in feet; left superscript refers to test hole section (see separate sheet).



Excavation, e.g., cellar hole, well, trench, backhoe pit, etc.; number gives approximate depth in feet

Heavy dashed line indicates county or town boundaries

SCALE 1:24,000

1 MILE

## UNCONSOLIDATED MATERIALS, MOODUS QUADRANGLE, CONNECTICUT

By

Dennis W. O'Leary

1972

Connecticut (Moodus quad.) Geol. 1:24,000. 1972.

sheet 2,  
cop. 1.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.

