

EXPLANATION

This map shows the distribution of resources of coarse aggregate exposed at land surface. No information is given about the value, quality, or quantity of the resource. Such information should be obtained from on-site investigations.

In urban centers and other areas of dense development, artificial fill of variable thickness and extent may overlie the deposits of sand and gravel shown on the map.



SAND AND GRAVEL

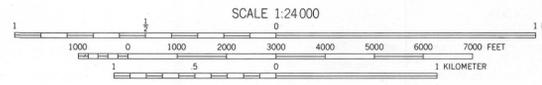
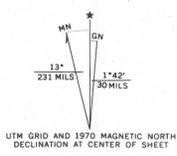
Particle sizes range from 50 percent coarse and 50 percent medium to 25 percent coarse and 75 percent medium. Material may occur as thin layers of well-sorted sand interbedded with thin layers of well-sorted gravel; as poorly-sorted layers of mixed sand and gravel; or as distinct pockets of well- to poorly-sorted sand and gravel. May contain minor amounts of fine particles.

SOURCES OF DATA

Naylor, R.G., 1974, Map showing unconsolidated materials, Essex quadrangle, Connecticut: U.S. Geol. Survey Misc. Field Studies Map MF-587 A.  
Vitali, Reno, 1972, Essex quadrangle, in Availability study, summary report, central and southwestern Connecticut 1/3 volumes of 7 1/2-minute quadrangle maps, scale 1 in. = 2,000 ft.; Connecticut Dept. Transportation, Bureau Highways, Soils and Foundations Div.

Base from U.S. Geological Survey, 1958; photorevised 1970

10,000-foot grid based on Connecticut coordinate system. 1000-meter Universal Transverse Mercator grid ticks, zone 18.



DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 4.5 FEET IN LONG ISLAND SOUND AND 2.9 FEET IN THE CONNECTICUT RIVER



Compiled from data gathered in cooperation with the Connecticut State Geological and Natural History Survey of the Connecticut Department of Environmental Protection under U.S. Geological Survey Grant 14-08-001-G-40

MAP SHOWING RESOURCES OF COARSE AGGREGATE, ESSEX QUADRANGLE, CONNECTICUT

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