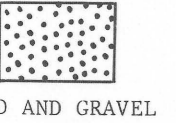


(WEST GRANVILLE)
6467 III NW
6467 IV NW

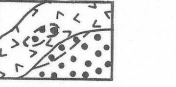
(WEST SPRINGFIELD)
6467 II SW
6467 III SW

EXPLANATION



SAND AND GRAVEL

Ranges from 100 percent coarse particles (larger than 2 mm) to 25 percent coarse particles and 75 percent medium particles (1/8 to 2 mm). Locally contains minor amounts of silt and clay



TRAPROCK (BASALT)

Area where traprock is exposed at land surface or is covered by thin deposits of unconsolidated materials. Dashed line encloses area where traprock is covered by thin deposits of sand and gravel. For more information on the subsurface distribution of traprock see Schnabel and Eric (1965)

This map shows the distribution of resources of coarse aggregate exposed at land surface. No information is given about the value, quality, nor quantity of the resource. Such information should be obtained from onsite investigations.

Construction aggregate is obtained from naturally occurring sand and gravel deposits and from certain kinds of bedrock such as traprock (basalt). Traprock is a dense, fine-grained, very hard rock of relatively homogeneous composition and physical properties. It is more durable than most other rock types in the area. Crushing quarried traprock to coarse-size and sand-size particles produces a processed gravel which can be used as a substitute for naturally occurring sand and gravel. Sized fragments of traprock are also used as crushed stone.

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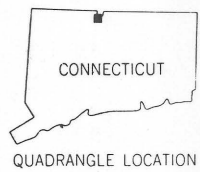
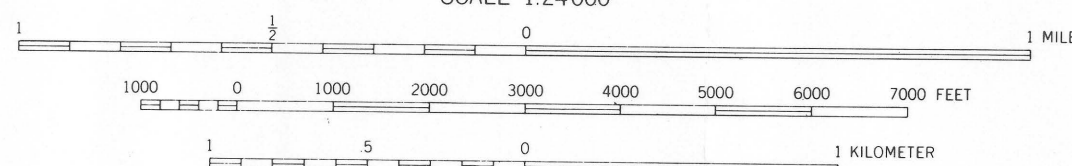
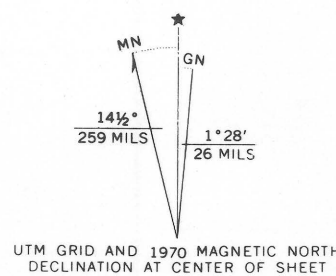
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(COLLINSVILLE)
6467 IV SW
6467 V SW

(HARTFORD NORTH)
6467 I NW
6467 II NW

Base from U.S. Geological Survey, 1956; photorevised 1970

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



MAP SHOWING RESOURCES OF COARSE AGGREGATE, TARIFFVILLE QUADRANGLE, CONNECTICUT - MASSACHUSETTS

By
Fred Pessl, Jr.

1973