



EXPLANATION

This map shows the distribution of resources of coarse aggregate. No information is given about value, quality, or quantity of the resource.



GRAVEL — Ranges from 50 percent coarse particles (larger than 2 mm) and 50 percent sand-sized particles (1/8 to 2 mm) to 100 percent coarse particles (see Pess and Håhrth, 1972). Locally contains minor amounts of silt and clay.



SAND AND GRAVEL — Ranges from 25 percent coarse particles and 75 percent sand-sized particles to 50 percent coarse particles and 50 percent sand-sized particles. Locally contains minor amounts of silt and clay.



BASALT (TRAPROCK) — 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 traprock to coarse aggregate size and sand-sized particles produces a processed gravel which can be used as a substitute for naturally occurring sand and gravel.

REFERENCES

Cushman, R. V., 1963, Geology of the Hartford North quadrangle, Connecticut. U.S. Geol. Survey Geol. Quad. Map GQ-223.
Pess, Fred, Jr., and Håhrth, C. T., 1972, Unconsolidated materials, Hartford North quadrangle, Connecticut. U.S. Geol. Survey Misc. Geol. Inv. Map I-784 A.

Base from U.S. Geological Survey, 1964
10,000-foot grid based on Connecticut coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue

SCALE 1:24,000

DATUM IS MEAN SEA LEVEL
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 1.7 FEET

UTM GRID AND 1964 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

Compiled from field mapping completed in 1959-60
(Cushman, 1963). Detailed site investigations are necessary to determine whether deposits are presently exploitable.
Compiled in part from data gathered in cooperation with the State of Connecticut, Department of Environmental Protection, State Geological and Natural History Survey

RESOURCES OF COARSE AGGREGATE, HARTFORD NORTH QUADRANGLE, CONNECTICUT

By
William H. Langer
1972