

EXPLANATION

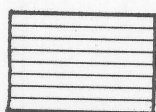
Map units indicate ranges in depth to bedrock (ledge) below the land and water surfaces. The locations of bedrock outcrops and areas of numerous closely spaced bedrock outcrops were obtained from the surficial geology map (Flint, 1965). Depths to bedrock are inferred from logs of wells and test holes (La Sala, 1968 and Mazzaferro, 1973) supplemented by data from the contour map of the bedrock surface (Haeni and Sanders, 1974).

Depths shown are a generalization of localized highly variable conditions and do not include any weathered (decomposed) bedrock. Therefore this map should not be used as a substitute for detailed site evaluation.

DEPTH TO BEDROCK, In feet (metres)

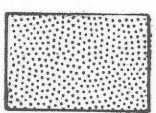


Bedrock outcrop
(Ledge exposed at land surface)

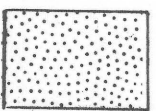


0-10 (0-3)

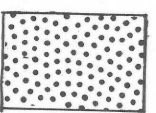
Numerous closely spaced bedrock outcrops separated by small areas of 10 feet (3 metres) or less to bedrock. May include small areas in excess of 10 feet (3 metres) to bedrock.



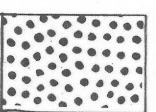
Greater than 0-50 (0-15)
Does not include areas of bedrock outcrop.



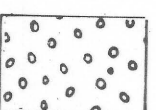
50-100 (15-30)



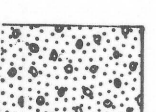
100-150 (30-46)



150-200 (46-61)



200-250 (61-76)



Greater than 250 (76)

REFERENCES

- Flint, R.F., 1965, Surficial geology of the New Haven and Woodmont quadrangles: Connecticut Geol. Nat. History Survey Quad. Rept. 18, 42 p.
- Haeni, F.P., and Sanders, J.E., 1974, Contour map of the bedrock surface, New Haven-Woodmont quadrangles, Connecticut: U.S. Geol. Survey Misc. Field Studies Map MF-557 A.
- La Sala, A.M., Jr., 1968, Ground-water resources of the Hamden-Wallingford area, Connecticut: Connecticut Water Resources Bull. 14, 18 p.
- Mazzaferro, D.L., 1973, Hydrogeologic data for the Quinnipiac River basin, Connecticut: Connecticut Water Resources Bull. 26, 54 p.



Base from U.S. Geological Survey
New Haven, 1967 and Woodmont, 1966
10,000-foot grid based on Connecticut coordinate system
100-meter Universal Transverse Mercator grid ticks,
zone 18, shown in black

SCALE 1:24,000
0 1000 2000 3000 4000 5000 6000 7000 FEET
0 1 2 3 4 5 6 7 8 9 10 KILOMETERS
CONTOUR INTERVAL 10 FEET
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 6.2 FEET



MAP SHOWING DEPTH TO BEDROCK,
NEW HAVEN-WOODMONT QUADRANGLES,
CONNECTICUT

By
Marilyn H. Ginsberg