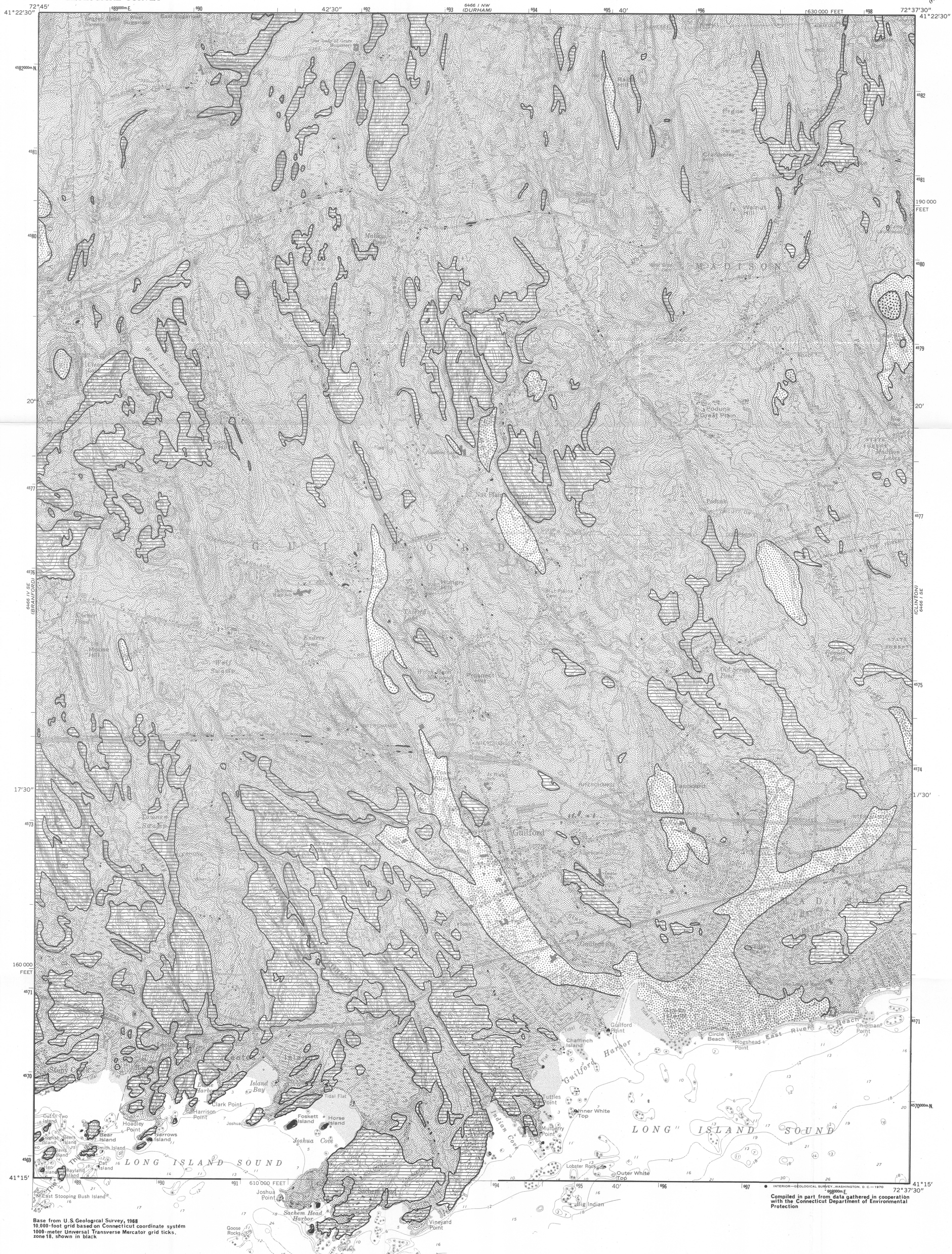


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



EXPLANATION

Map units indicate ranges in depth to bedrock (ledge) below land surface. The locations of bedrock outcrops and areas of numerous closely spaced bedrock outcrops were obtained from the surficial geologic map (Flint, 1971) and bedrock geologic map (Mikami and Digman, 1957). Depths to bedrock are inferred from logs of wells and test holes (Bingham and others, 1975; Mazzaferro, 1973) supplemented by data from the contour map of the bedrock surface (Haeni, 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 less than 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)

REFERENCES

- Bingham, J.W., Paine, F.D., and Weiss, L.A., 1975, Hydrogeologic data for the lower Connecticut River basin, Connecticut: Connecticut Water Resources Bull. 30, 59 p.
- Flint, R.F., 1971, Surficial geology of the Guilford and Clinton quadrangles: Connecticut Geol. Nat. History Survey Quad. Rept. 28, 33 p.
- Haeni, F.P., 1974, Contour map of the bedrock surface, Guilford quadrangle, Connecticut: U.S. Geol. Survey Misc. Field Studies Map MF-583 A.
- Mazzaferro, D.L., 1973, Hydrogeologic data for the Quinnipiac River basin, Connecticut: Connecticut Water Resources Bull. 26, 54 p.
- Mikami, H.M., and Digman, R.E., 1957, The bedrock geology of the Guilford 15-minute quadrangle and a portion of the New Haven quadrangle: Connecticut Geol. Nat. History Survey Bull. 86, 99 p.

MAP SHOWING DEPTH TO BEDROCK,
GUILFORD QUADRANGLE,
CONNECTICUT

By
Marilyn H. Ginsberg

1976