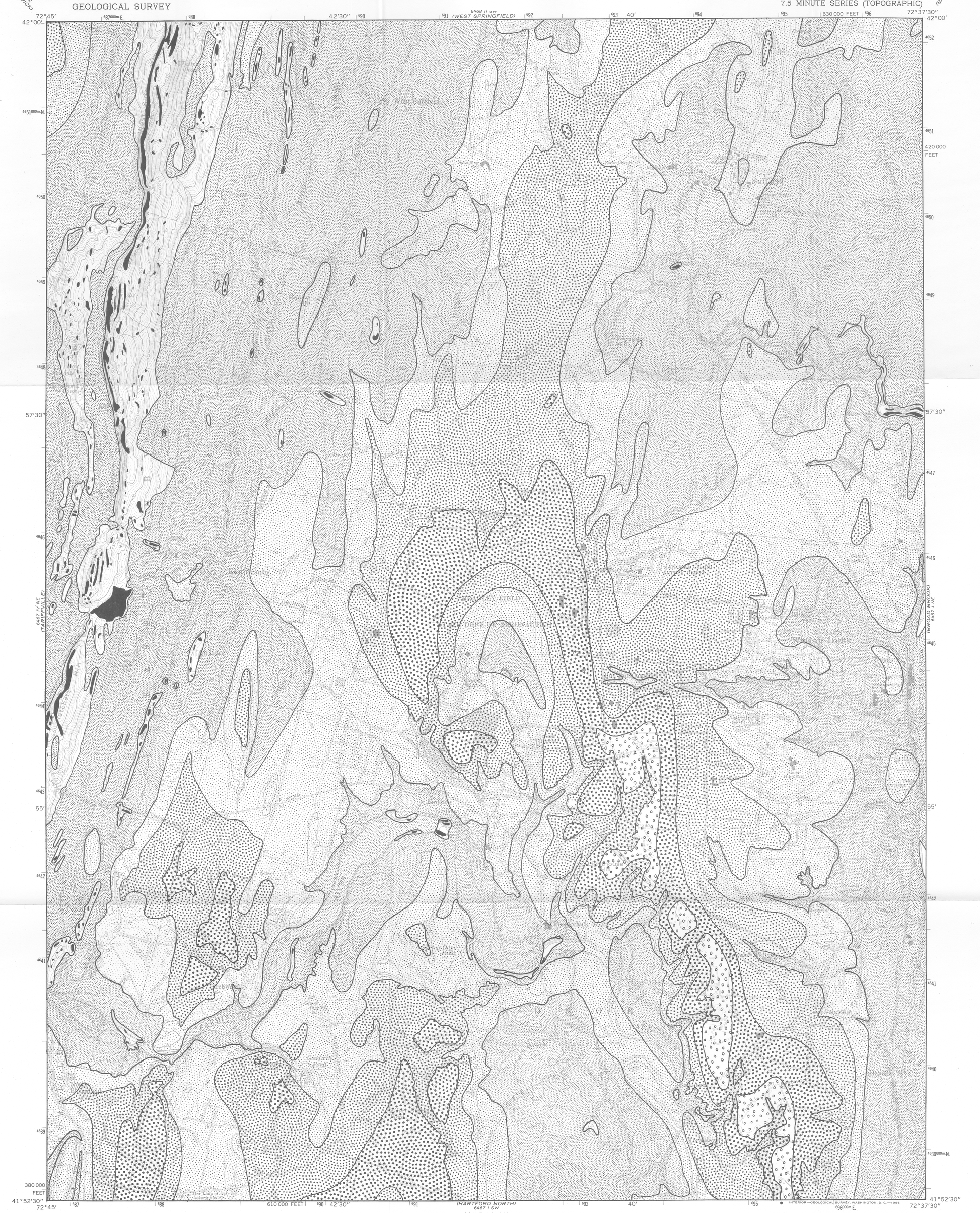
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WINDSOR LOCKS QUADRANGLE
CONNECTICUT–HARTFORD CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

Map units indicate ranges in depth to bedrock (ledge) below land surface. Locations of bedrock outcrops and areas of less than 10 feet to bedrock were obtained from the geologic quadrangle maps (Colton, 1960 and Schnabel and Eric, 1964). Depths to bedrock are inferred from logs of wells and test holes, and excavations for sewer lines, water lines, and foundations.

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

Depth to Bedrock, In Feet

0
Bedrock outcrop
(Ledge exposed at land surface)

0-10
May include numerous outcrops too small to map individually

10-50

50-100

100-150

150-200

200-250

REFERENCES

Colton, R. B., 1960, Surficial geology of the Windsor Locks quadrangle, Connecticut: U.S. Geol. Survey Geol. Quad. Map GQ-137.

Cushman, R. V., Baker, J. A., and Meikle, R. L., 1964, Records and logs of selected wells and test borings and chemical analyses of water in north-central Connecticut: Connecticut Water Resources Bull. 4, 27 p.

Randall, A. D., 1964, Records and logs of selected wells and test borings and chemical analyses of water in the Farmington-Granby area, Connecticut: Connecticut Water Resources Bull. 3, 25 p.

Ryder, R. B., and Weiss, L. A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Connecticut Water Resources Bull. 25, 54 p.

Schnabel, R. W., and Eric, J. H., 1964, Bedrock geologic map of the Windsor Locks quadrangle, Connecticut: U.S. Geol. Survey Geol. Quad. Map GQ-388.

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 black

MN GN
13½°
240 MILS
1°33'
28 MILS
UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966

Compiled in part from data gathered in cooperation with the Connecticut Department of Environmental Protection

CONNECTICUT
QUADRANGLE LOCATION

DEPTH TO BEDROCK, WINDSOR LOCKS QUADRANGLE, CONNECTICUT

By
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1973