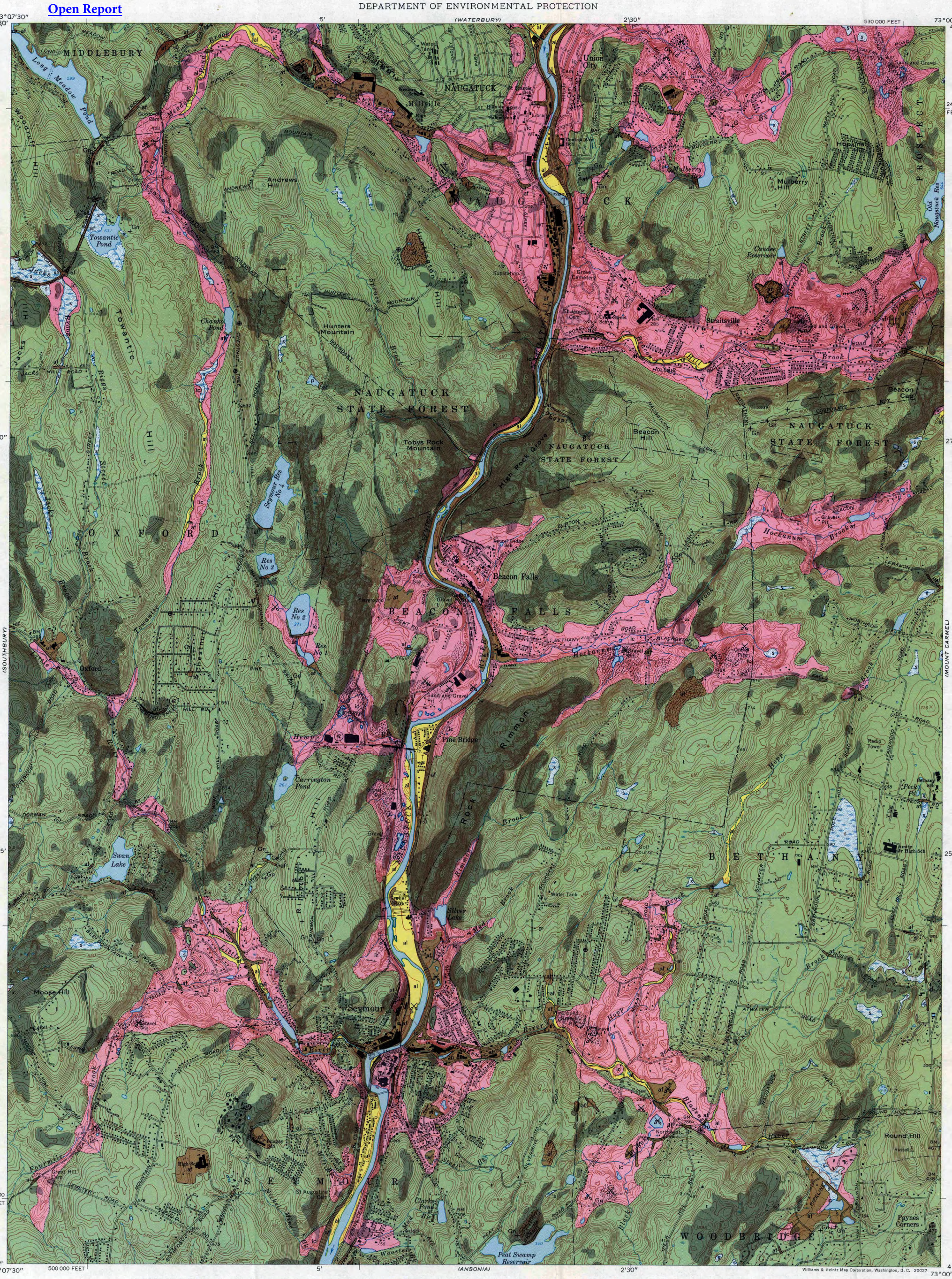
STATE OF CONNECTICUT
GEOLOGICAL AND NATURAL HISTORY SURVEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

QUADRANGLE REPORT NO. 35
PLATE 1

Open Report



SURFICIAL GEOLOGIC MAP OF THE NAUGATUCK QUADRANGLE, CONNECTICUT

By Richard Foster Flint, 1974 and 1975

Bedrock outcrops compiled by James L. Rolston, 1978

EXPLANATION

Postglacial

af — **Artificial fill**

s — **Swamp sediments**
Silt, sand, and clay mixed with organic matter in poorly drained areas.

al — **Alluvium**
Sand, silt, and gravel occurring as thin covers on some valley floors. Locally includes colluvium and bodies of clay.

Glacial

ic — **Ice-contact stratified drift**
Sand, gravel, and silt, in many places poorly sorted, with abrupt changes in grain size, and locally deformed. Deposited by streams of meltwater and locally in ponds dammed by melting glacier ice. Some bodies grade into or are interbedded with outwash sediments.

t — **Till**
Compact, nonsorted sediment deposited by glacier ice. Includes small bodies of stratified sediment.

Bedrock outcrops
Shading identifies areas of scattered bedrock outcrops and areas where bedrock is inferred to be near the surface (less than ten feet). Data are based on outcrops located during field mapping and on interpretation of topography.

Geologic contact
Dashed where located only approximately.

⊕ **Locality where compact till is present.**

Scarp, stream cut, separating adjacent surfaces of ice-contact stratified drift. Ticks are on downslope side.

Channel in bedrock or drift occupied temporarily by streams of meltwater.

+Gn **Erratic boulder 10 feet or more in greatest diameter.**
Letters denote lithology:
G: granite. Gn: gneiss. S: schist.
no letter: not identified.

Glacial striations and/or grooves.

Pit (operating) in sand and gravel or till. Hachures denote pit faces.

Pit (abandoned) in sand and gravel or till. Hachures denote pit faces.

p — **Artificial pond not shown on topographic base map.**

Base map by U.S. Geological Survey
Control by USGS, USC&GS, USCE and Connecticut Geodetic Survey

Topography by photogrammetric methods from aerial photographs taken 1949, 1950. Field checked 1954. Revised 1964. Photorevised 1972.

Polyconic projection. 1927 North American datum
10,000-foot grid based on Connecticut coordinate system

MN GN
13° 231 MILS
1°17' 23 MILS
UTM GRID AND 1972 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

CONNECTICUT
QUADRANGLE LOCATION

Williams & Heintz Map Corporation, Washington, D. C. 20027