

# Middletown Rodgers Bedrock Compilation Sheet 2 (paper)

Map

## NOTICE !

Bedrock quadrangle 1:24,000 scale compilation sheets for the Bedrock Geological Map of Connecticut, John Rodgers, 1985, Connecticut Geological and Natural History Survey, Department of Environmental Protection, Hartford, Connecticut, in Cooperation with the U.S. Geological Survey, 1:125,000 scale, 2 sheets. [minimum 116 paper quad compilations with mylar overlays constituting the master file set for geologic lines and units compiled to the State map, some quads have multiple sheets depicting iterations of mapping]. Compilations drafted by Nancy Davis, Craig Dietsch, and Nat Gibbons under the direction of John Rodgers.

Geologic unit designation table translates earlier map unit nomenclature to the units ultimately used in the State publication.

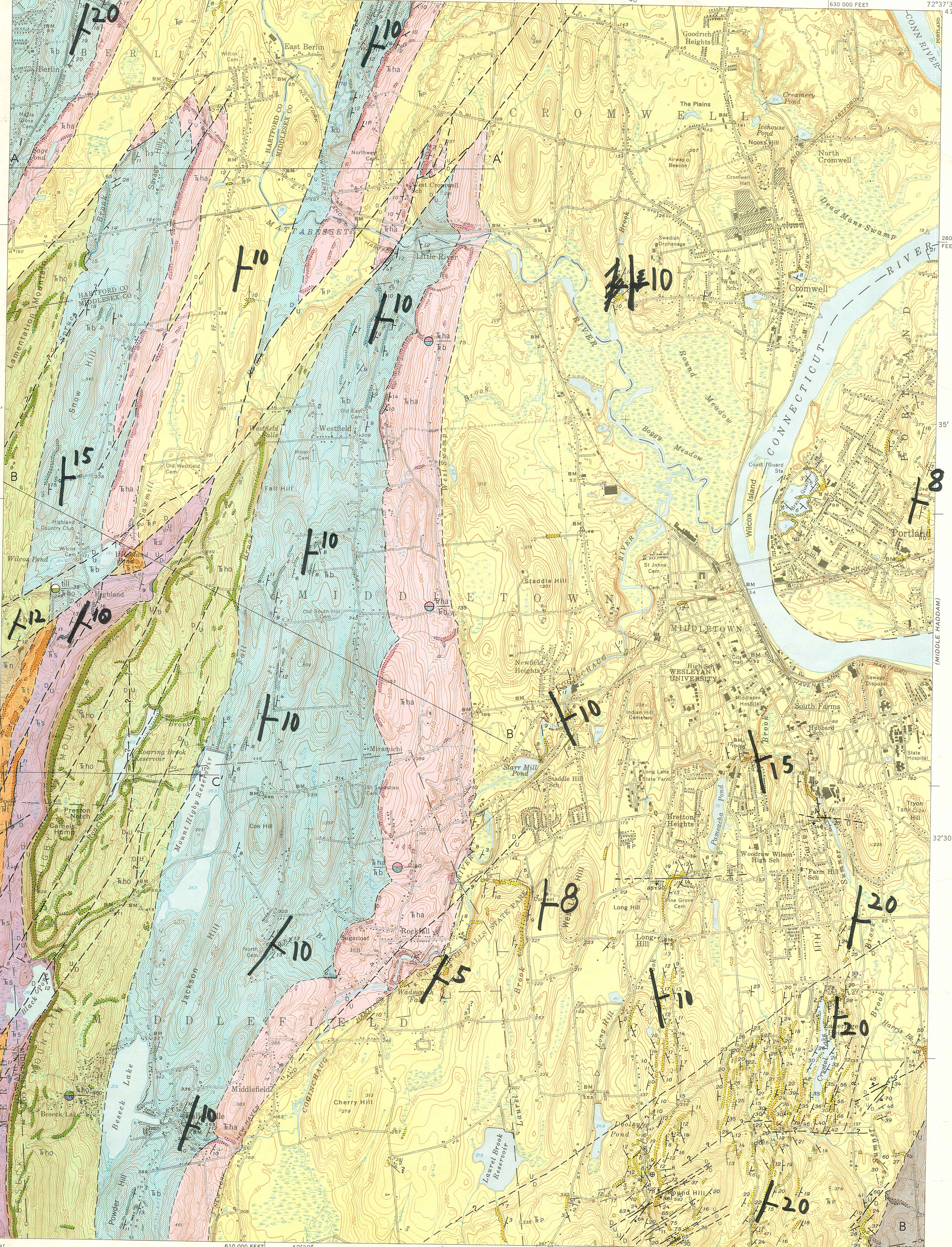
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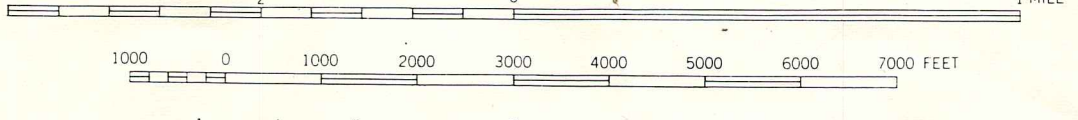




- RP**  
Portland arkose  
Gray-red to red-brown and pale brown coarse to fine arkose with interbedded arkose conglomerates (esp. E. margin of map), red and gray shale, mudstone, and gray-green feldspathic sandstone.
- Rha**  
Hampden basalt  
Dense, gray to green-gray basalt. Vesicular and amygdaloidal at top of unit. Locally pipe vesicles at base.
- Rb**  
East Berlin formation  
Predominantly gray to dusty-red shale and mudstone interbedded with light-colored arkose, dark pyritic shale, nodular to thin-bedded calcareous sandstone, and gray-green feldspathic sandstone.
- Rho**  
Holyoke basalt  
Dense, gray to green or blue-gray basalt. Unit apparently composed of two flows. Vesicular and amygdaloidal at top of each flow, locally diabasic near middle of unit.
- Rs**  
Shuttle Meadow formation  
Principally gray-red micaceous shale and mudstone interbedded with dark shale, calcareous sandstone, feldspathic sandstone, and arkose.
- Rt**  
Talcott basalt  
Dense, blue-gray, highly vesicular and amygdaloidal basalt. Locally well-developed pillow structures at base.
- Rn**  
New Haven arkose  
Very poorly exposed in map area. Moderate-red, coarse arkose with irregular lenses and beds of conglomerate and shale.
- PRE-TRIASSIC**
- B**  
Bolton schist  
Light to medium gray, quartzitic, poorly foliated, micaceous schist cut by numerous quartz veins. Appears highly sheared and brecciated near eastern border fault.
- Outcrop**
- Contact**  
dashed where inferred
- Fault**  
dashed where position inferred
- Fault - existence and position inferred**
- Strike and dip of bedding**  
15°
- Strike and dip of exposed fault surfaces**  
60°
- Horizontal bedding**
- Water well record depth to contact in feet; symbols indicate formation.**  
75

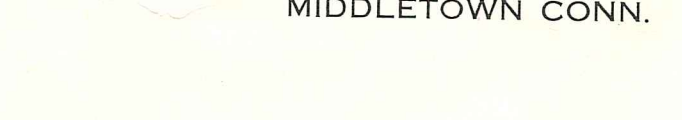
**GEOLOGIC MAP OF THE MIDDLETOWN QUADRANGLE, CONNECTICUT**  
Bedrock Geology by Elroy P. Lehmann in 1955

SCALE 1:24000

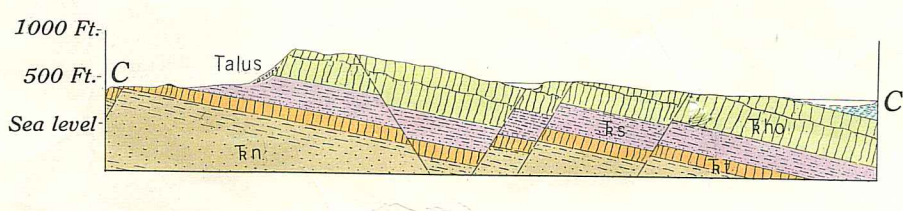
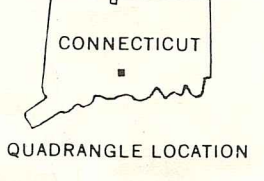


CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

Geology engraved and printed by  
Williams & Heintz Lithograph Corporation  
ROAD CLASSIFICATION

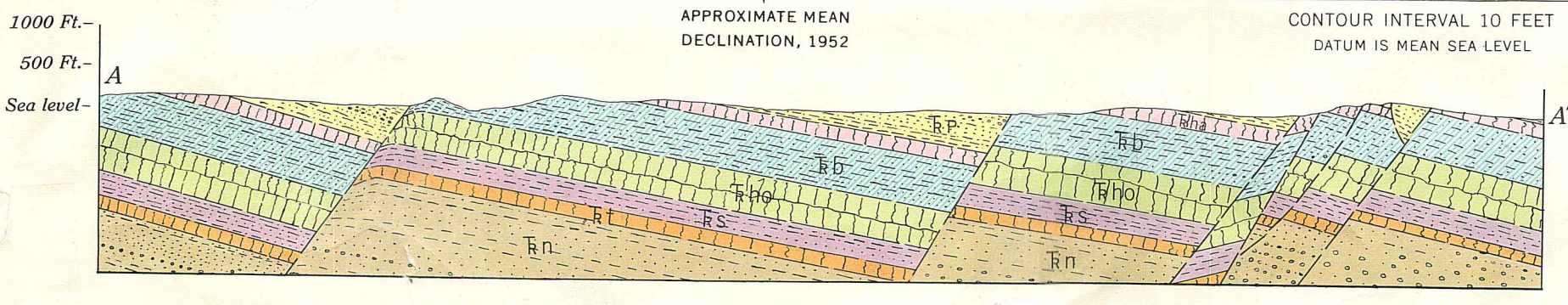


MIDDLETOWN CONN.

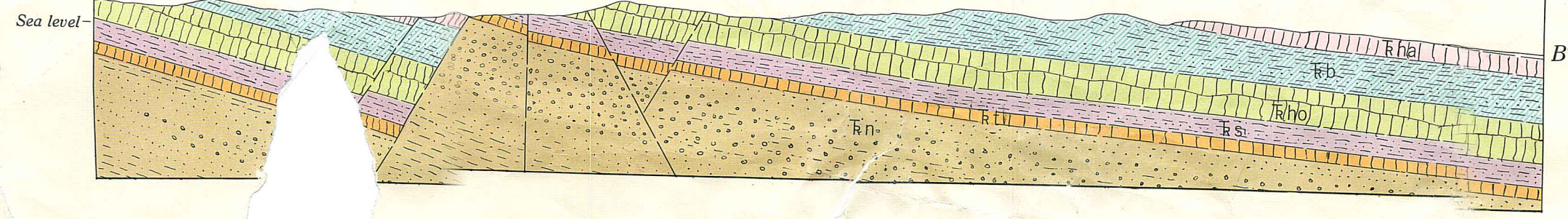


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APPROXIMATE MEAN  
DECLINATION, 1952



1000 Ft.  
500 Ft.  
Sea level



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