

Middletown Rodgers Bedrock Compilation Sheet (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.

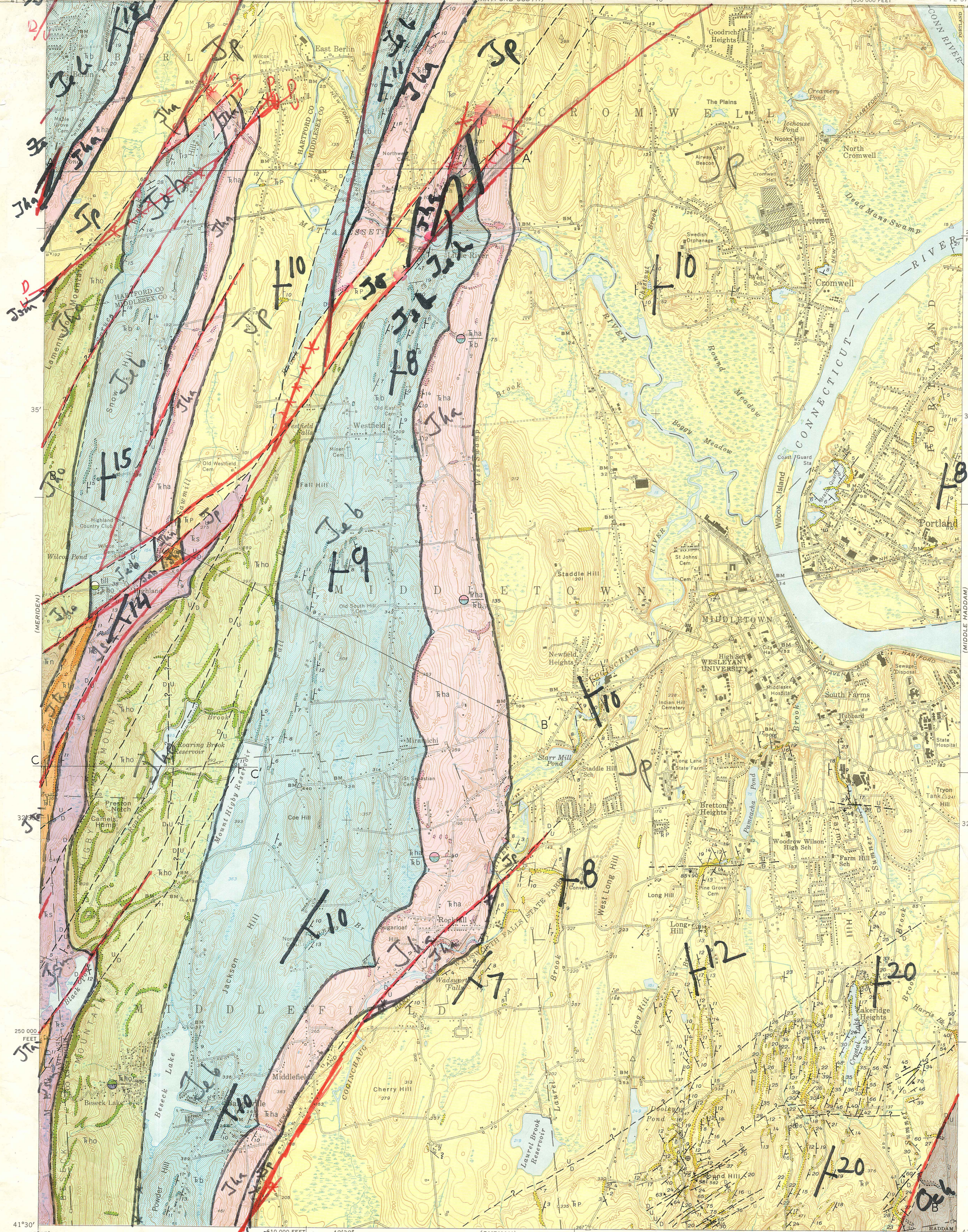
Geologic unit designation table translates earlier map unit nomenclature to the units ultimately used in the State publication.

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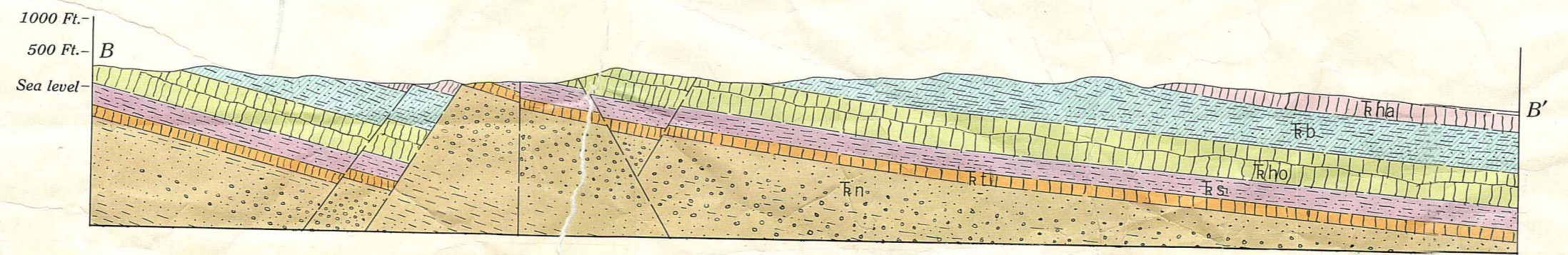
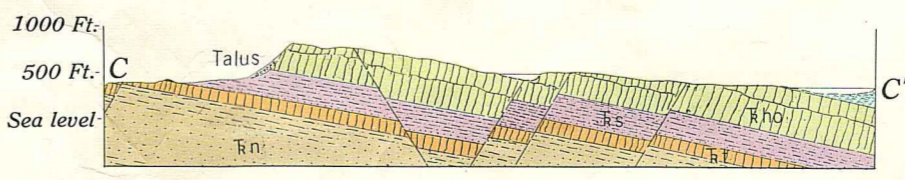
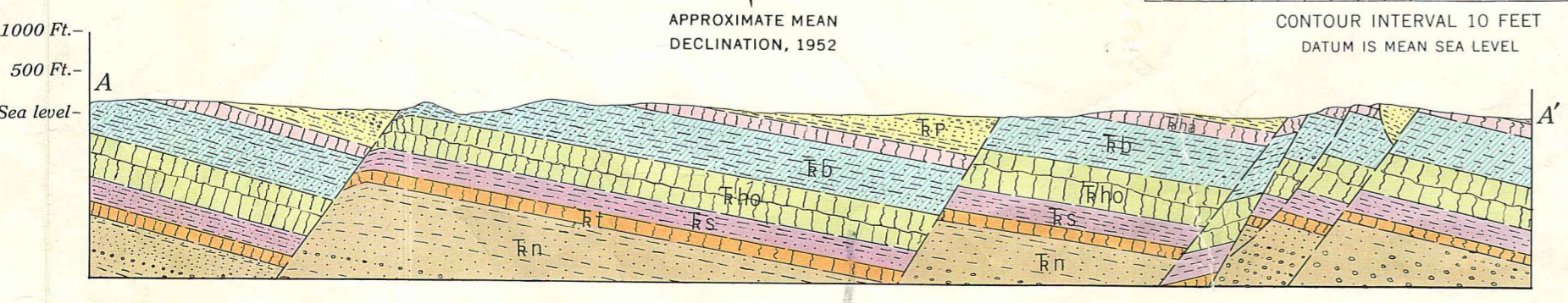
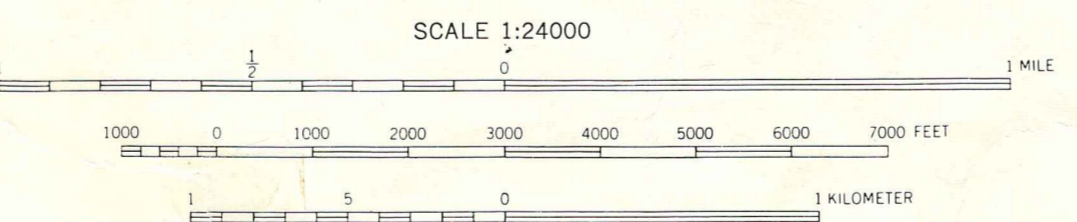
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- Triassic-Newark Group**
- East Berlin formation**
Predominantly gray to dusky-red shale and mudstone interbedded with light-colored arkose, dark pyritic shale, nodular to thin-bedded calcareous sandstone, and gray-green feldspathic sandstone.
- Holyoke basalt**
Dense, gray to green-gray basalt. Unit apparently composed of two flows. Vesicular and amygdaloidal at top of each flow, locally diabasic near middle of unit.
- Shuttle Meadow formation**
Principally gray-red micaceous shale and mudstone interbedded with dark shale, calcareous sandstone, feldspathic sandstone, and arkose.
- Talcott basalt**
Dense, blue-gray, highly vesicular and amygdaloidal basalt. Locally well-developed pillow structures at base.
- New Haven arkose**
Very poorly exposed in map area. Moderate-red, coarse arkose with irregular lenses and beds of conglomerate and shale.
- PRE-TRIASSIC**
- Bolton schist**
Light to medium gray, quartzite, locally foliate, micaceous schist cut numerous quartz veins. Slipp highly sheared and brecciated eastern border fault.
- Outcrop**
- Contact**
dashed where inferred
- Fault**
dashed where position inferred
- Fault - existence and position inferred**
- Strike and dip of bedding**
- Strike and dip of exposed fault surfaces**
- Horizontal bedding**
- Water well record depth to contact in feet; symbols indicate formation.**

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

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



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