## New Preston 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.

This map set contains unpublished maps, cross-sections, and related information archived by the State Geological and Natural History Survey of Connecticut as part of the Survey Library Collection.

These materials have not been reviewed for accuracy, consistency, or completeness. For many geographic areas, more current information exists, either in published or unpublished form.

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Faterportal in garley Remind 15 June 1978", 01 CONNECTICUT GEOLOGICAL and NATURAL HISTORY SURVEY NEW PRESTON QUADRANGLE UNITED STATES CONNECTICUT-LITCHFIELD CO. EDWARD L. TROXELL, Director DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY NE/4 NEW MILFORD 15' QUADRANGLE 73°22′30″ EXPLANATION YOUNGER BASICS Gray to black, fine-to medium-grained, massive to foliated intrusives of olivine norite, quartz, norite, and hypersthene pyroxenite. GRANITE and GRANITIC GNEISSES Relatively undeformed, gray to red, fine-to medium-grained, granites and granitic gneisses com-posed of microcline, oligoclase, quartz, and mica. DIORITIC GNEISSES Fine-to medium-grained hornblende, biotite, and hornblende-biotite dioritic gneisses with oligo-claseandesine feldspar. MT. TOM HORNBLENDE GNEISS Dark green to black and white mottled gneisses containing hornblende, chlorite, andesine with minor amounts of quartz, titanite, and magnetite. HARTLAND FORMATION Interbedded mica quartzites and mica-quartz schists containing staurolite, garnet, cordierite, and kyanite locally. STOCKBRIDGE MARBLE Massive, white to gray, dolomitic marble with micaceous and tremolite-bearing layers. WARAMAUG FORMATION Mica-quartz gneisses and schists, feldspathic mica quartzites, and mica quartzites. Contacts and Boundaries dashed where approximately located Strike and dip of schistosity or foliation ->25 Plunge of linear elements Highly contorted foliation Faults, broken lines inferred GEOLOGIC MAP AND SECTION OF THE NEW PRESTON QUADRANGLE, CONNECTICUT Ву Robert M. Gates ASSISTED BY WILLIAM C. BRADLEY Geology mapped in 1950 Northeast Corner mapped\_by E. N. Cameron 73°22′30″ Mapped, edited, and published by the Geological S ROAD CLASSIFICATION Control by USGS, USC&GS, Connecticut Geodetic Survey, and Columbia University HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS Topography from aerial photographs by multiplex methods Aerial photographs taken 1944. Field check 1948 Heavy-duty\_\_ Improved dirt\_\_\_\_ Medium-duty Unimproved dirt ===== Polyconic projection. 1927 North American datum 10,000-foot grid based on Connecticut coordinate system Loose-surface, graded, or narrow hard-surface U. S. Route State Route CONTOUR INTERVAL 10 FEET DATUM IS MEAN SEA LEVEL These marginal references refer to base map. NEW PRESTON, CONN. Geological data overprinted by Connecticut NE/4 NEW MILFORD 15' QUADRANGLE N4137.5-W7315/7.5 Geological and Natural History Survey. EDITION OF 1950 PEJN Bould grein (Lamphit Vite)