

**EXPLANATION**

**SURFICIAL DEPOSITS**

PLEISTOCENE

- Glacial cover

**METAMORPHIC ROCKS**

PRE-TRIASSIC

- Orange phyllite  
*Fine-grained blue-gray garnetiferous phyllite.*
- Quartzitic member  
*Uniform sequence of well foliated muscovite-biotite quartzites.*
- Undifferentiated Hartland formation  
*Biotite-muscovite schists, mica quartzites, diopside-tremolite schists, marbles and amphibolites with garnetiferous biotite-muscovite gneiss in places. Darker color denotes amphibolite above. The Straits schist at base of Prospect gneiss is presumed position of base of undifferentiated Hartland formation.*
- Prospect gneiss  
*Dark gray biotite augen gneiss, hornblende-bearing in places and porphyritic at its eastern boundary. This unit is presumed to be the metamorphic derivative of part of the undifferentiated Hartland formation.*
- The Straits schist  
*Coarse-grained muscovite-biotite schist, in places kyanite-bearing.*
- Waterbury gneiss  
*Heterogeneous sequence of quartzites and biotite-muscovite schists interbedded with gneiss showing marked alternation of bands of dark and light minerals. Includes Waterbury phase of northern area and Oxford phase of western area.*

INTRUSIVE ROCKS

- Dolerite dikes
- Pegmatites
- Ansonia granite  
*Intrusive in ht and pp.*

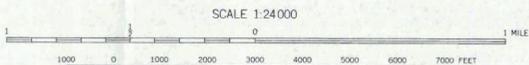
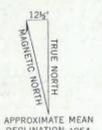
**SYMBOLS**

- Strike and dip of foliation
- Horizontal foliation
- Vertical foliation
- Plunge of lineation
- Horizontal lineation
- Plunge of fold axes
- Horizontal fold axes
- Plunge of slickensides
- Northwest limit of porphyritic Prospect gneiss.
- Geologic boundary, dashed where approximately located.
- Fault, indicating relative displacement.
- Fault, dashed where approximately located, dotted and queried where inferred.

**GEOLOGIC MAP OF THE NAUGATUCK QUADRANGLE, CONNECTICUT**

Bedrock Geology by Michael H. Carr in 1957 and 1958

Base map by U. S. Geological Survey  
Control by USGS, USC&GS, and Connecticut Geodetic Survey  
Topography from aerial photographs by stereophotogrammetric methods. Aerial photographs taken 1949 and 1950. Field check 1954  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Connecticut coordinate system  
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State of Connecticut



ROAD CLASSIFICATION  
Heavy-duty \_\_\_\_\_ Light-duty \_\_\_\_\_  
Medium-duty \_\_\_\_\_ Unimproved dirt \_\_\_\_\_

NAUGATUCK, CONN.  
N 4122.5 - W 7300/7.5



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL