

# Kent Bedrock Geology Map 3

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Map

## NOTICE !

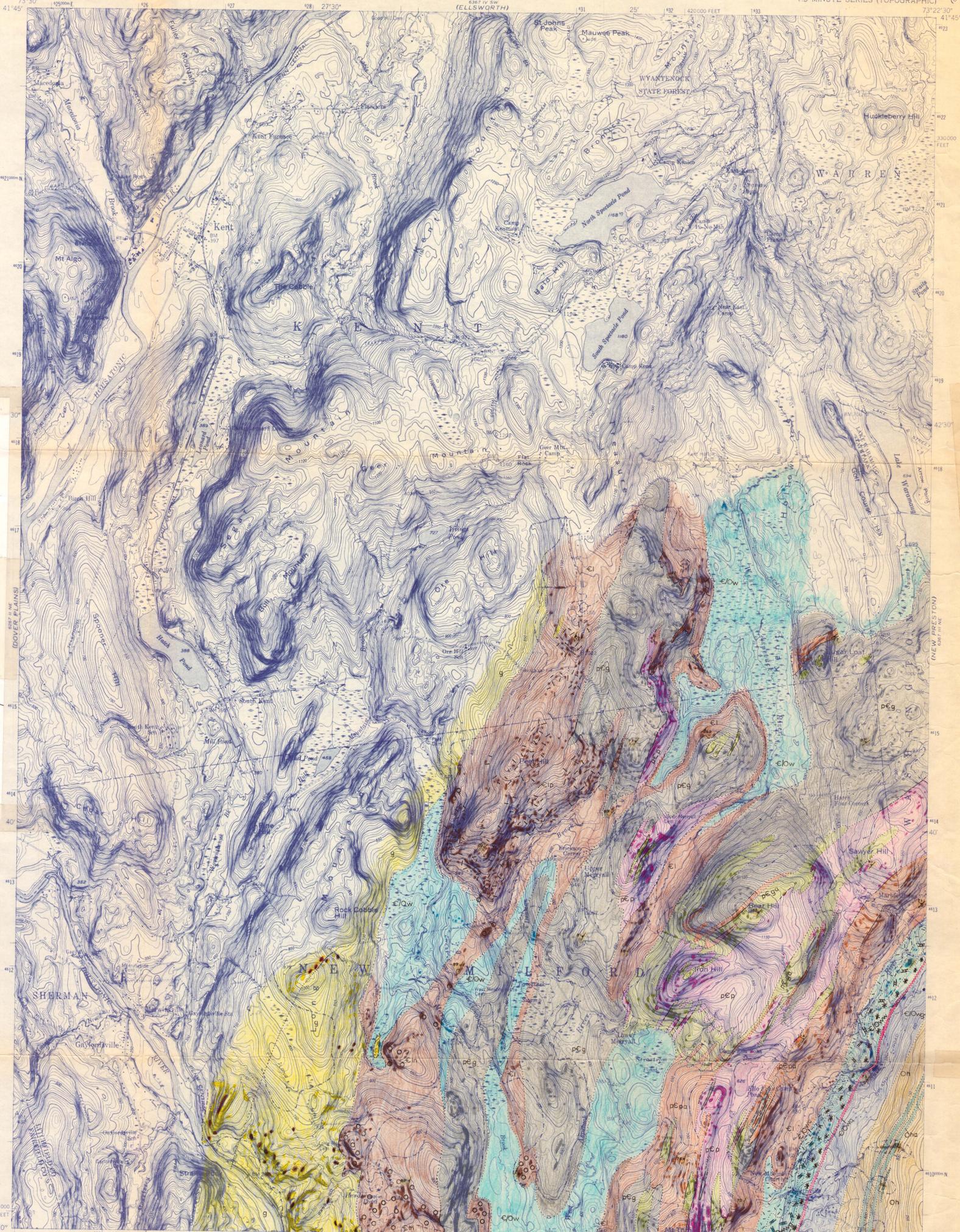
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ROCK UNITS

Granitic Rocks

Weakly-foliated to massive, light-gray biotite-quartz-feldspar granite, g. Inclusions of Lowerre Quartzite, and Precambrian rocks, are locally present.

Hartland Formation (?)

Interbedded gray to dark-gray slaty mica quartzite and well-foliated, light-gray garnet-mica schist, Oh. Slabby, well-foliated, dark-gray to black hornblende amphibolite, Oha.

Woodville Marble

Gray to light-gray tremolite/dolomite,  $\epsilon/Owg$ . Thin slabbytan-weathering muscovite-biotite quartzite,  $\epsilon/Owq$ . Thin- to thick-bedded white tremolite/dolomite,  $\epsilon/Owg$ . Thin- to thick-interbedded white tremolite/dolomite and gray dolomite,  $\epsilon/Owg$ . Brown-weathering calcitic phlogopite-bearing marble,  $\epsilon/Owc$ .

Lowerre Quartzite

Wine-weathering well-foliated feldspathic granulite or sandy schist and gray-to buff-weathering massive quartzite,  $\epsilon l$ . Interbedded dark-gray, well-foliated biotite-quartz granulite to schistose granulite,  $\epsilon lp$ . Red-tan-weathering, well-foliated coarse-grained sillimanite schist with sillimanite nodules,  $\epsilon ln$ .

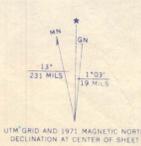
Unconformity

Well-foliated pink and black quartz-microcline augen gneiss, with microcline augen,  $p\epsilon pa$ .  
Weakly-foliated pink quartz-microcline gneiss,  $p\epsilon p$ .  
Undifferentiated interlayered gray biotite-quartz-plagioclase gneisses,  $p\epsilon g$ .  
Interlayered gray hornblende-quartz-plagioclase gneiss and amphibolite,  $p\epsilon ga$ .

CONTACTS

- Location Accurate
- Location Approximate
- Location Inferred
- Estimated 10 foot depth to bedrock contour
- SYMBOLS
- Strike and dip of bedding
- Strike and dip of foliation
- Bedrock exposure of closely spaced exposures

Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Connecticut Geodetic Survey  
Topography from aerial photographs by multiple methods  
Aerial photographs taken 1944. Field check 1948  
Revised 1955  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Connecticut coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 18, shown in blue



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION  
Heavy duty  
Medium duty  
U. S. Route  
Light duty  
Unimproved dirt  
State Route

KENT, CONN.  
N4137.5-W7322.5/7.5  
1955  
AMS 6367 III NW-SERIES V816

GEOLOGY BY RICHARD A. JACKSON, 1976