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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CONNECTICUT GEOLOGICAL and NATURAL HISTORY SURVEY
EDWARD L. TROXELL, Director

WOODBURY QUADRANGLE
CONNECTICUT
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 WATERBURY 15' QUADRANGLE

EXPLANATION

Ts

Triassic Newark series. Dense, dark gray to black basalt lava flows, reddish brown on weathered surface. Some sandstone and conglomerate. Ts—Triassic sandstone and conglomerate outcrops.

Triassic basalt outcrop area.

Nonewaug granite. Fine to coarse-grained, massive or layered, soda granite containing large porphyritic crystals of graphic granite and plumose muscovite.

Mixed granite and metasediments, mixed Nonewaug granite, pegmatite, and Hartland metasediments including many granitic gneisses.

Nonewaug granite with Hartland inclusions or roof pendants.

Mt. Tom hornblende gneiss. Dark green to black and white mottled gneisses containing hornblende, chlorite, andesite with minor amounts of quartz, garnet, titanite, and magnetite.

Hartland formation. Interbedded mica quartzites and mica quartz schists containing garnet, staurolite, and kyanite locally.

Hartland granitic gneisses. Granitic gneisses composed of mica, quartz, and feldspar structurally related to Hartland formation.

Hartland formation. Red dots indicate feldspathic material in small concentrations. Number of red dots indicates varying amounts of feldspathic material.

Granite and pegmatite dikes and sills.

Irregular masses of granite and pegmatite.

45

Strike and dip of foliation or layering of Hartland formation or granite.

Highly contorted foliation.

Contacts and boundaries dashed where approximately located.

Fault.

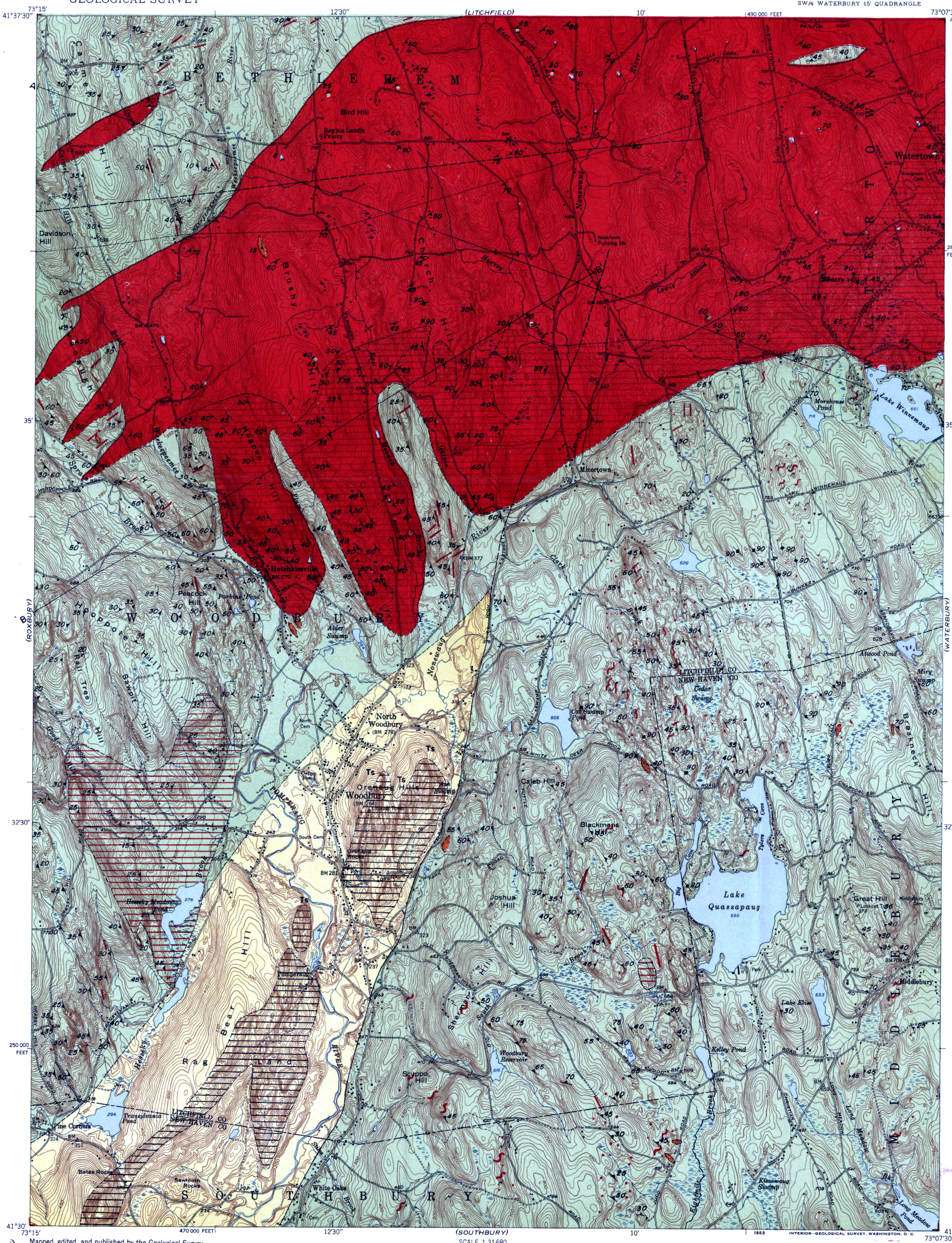
Inferred fault.

GEOLOGIC MAP AND SECTIONS OF THE WOODBURY QUADRANGLE, CONNECTICUT

By
Robert M. Gates

Geology mapped in 1948 and 1952.

— 1953 —



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Connecticut Geodetic Survey

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1944. Field check 1948

Polyconic projection. 1927 North American datum
10,000-foot grid based on Connecticut coordinate system

These marginal references refer to base map. Geological data overprinted by Connecticut Geological and Natural History Survey.

13°
MAGNETIC NORTH
TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1948

SCALE 1:31680

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

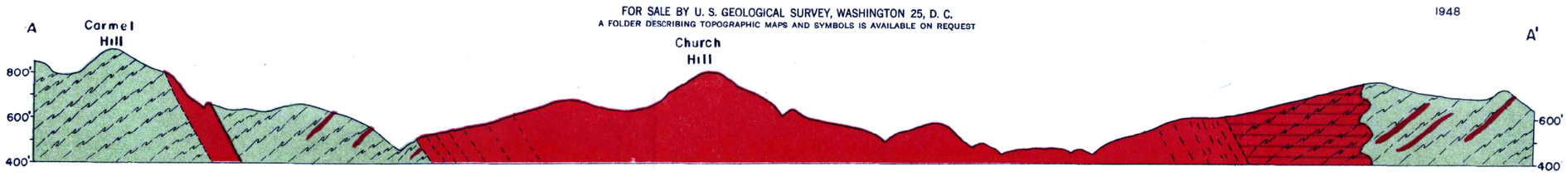
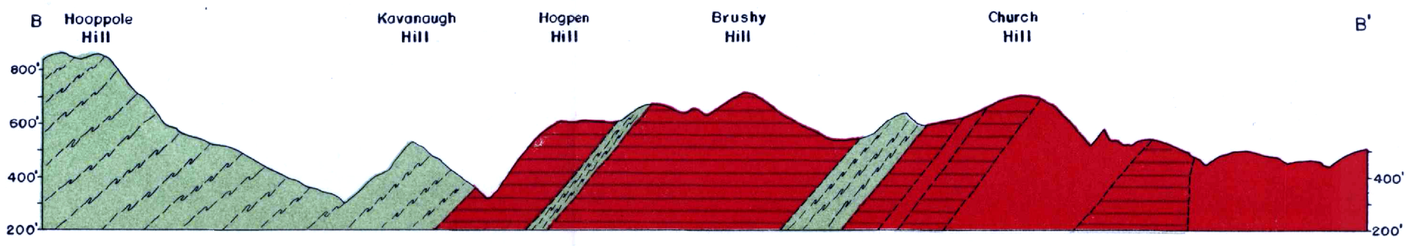
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty	Improved dirt
Medium-duty	Unimproved dirt

Loose-surface, graded, or narrow hard-surface
U. S. Route — State Route

WOODBURY, CONN.
SW/4 WATERBURY 15' QUADRANGLE
N4130—W7307.5/7.5

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