

# Botsford Quadrangle Bedrock Geology Map 2

George Heyl

Map

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(DANBURY)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

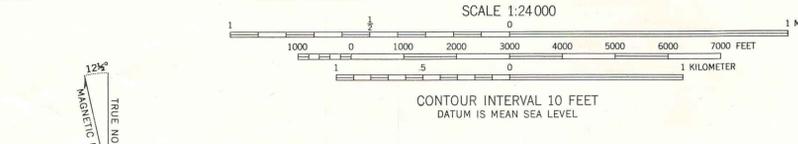
STATE OF CONNECTICUT  
HIGHWAY DEPARTMENT  
(NEWTOWN)

BOTSFORD QUADRANGLE  
CONNECTICUT—FAIRFIELD CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

(SOUTH)



Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Connecticut Geodetic Survey  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1949. Field check 1951. Revised 1959  
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  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked



ROAD CLASSIFICATION  
Heavy-duty — Light-duty  
Medium-duty — Unimproved dirt  
State Route

m557.46  
bots/m46  
1973  
Map 2

Hs = Harrison formation  
Ht = Hartland formation  
(or group)

Y (Saugatuck gneiss)  
Y (granite; younger granite)

APPROXIMATE MEAN  
DECLINATION, 1959

Red lines  
faults or probable faults

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



George Hyl  
3/68

BOTSFORD, CONN.  
N4115—W7315/7.5

1959

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CONSULTING GEOLOGIST

MINERALS SEARCH AND SURVEYS  
EXAMINATIONS AND EVALUATIONS

P.O. Box 582  
New Paltz, New York

April 27, 1968

Dr. Joe Webb Peoples  
Director, Connecticut Geol. & N.H. Survey  
Box 128, Wesleyan Station  
Middletown, Connecticut 06457

Dear Joe:

Herewith I am sending you a rough draught of the boundaries in the Botsford Quadrangle, in accord with your request of last month.

In some places the boundaries shown are still tentative, but I believe the map shows the general regional situation. Small dikes and sills, of which there are many, are not shown, mainly to cut down on draughting time in the drawing up of this map. Also, I believe there are more faults than I have shown; this is because further field-checking and evidence related to faulting is desired.

I have used local names such as Tashua and Stepney, not because I consider these final, and certainly not necessarily desirable, but simply because direct field comparisons with standard sections in western Connecticut (coupled with thin-section work) is something still to be continued before final decisions are made in this respect.

Also, in some cases near the edge of the quadrangle, I show on this tentative map areas covered by glacial deposits of appreciable thickness, masking the position of the bedrock contacts. In these cases, this indicates the amount of leeway possible in drawing these bedrocks contacts into the adjacent sheets.

Within the Botsford Quadrangle there are several large drumlin-like features which of course cover bedrock completely. (These have not all been shown on this tentative draught). Do you advise outlining and showing these features on the final map, or do you advise otherwise?

Shall be glad to see you in the field towards the end of May or in June. Let me hear from you.

And regards,

Sincerely yours,

*George*  
George R. Heyl

GRH:pj

*P.S.: As soon as feasible, please return the  
compilation sheet to me.*