



Base from U.S. Geological Survey, 1973  
Map was scanned, processed, georeferenced,  
rectified, and cropped by the Massachusetts  
Geological Survey  
Lambert Conformal Conic projection, North American  
Datum of 1983  
Massachusetts state plane coordinate system,  
mainland zone

APPROXIMATE MEAN  
DECLINATION, 2018

SCALE 1:24 000  
1 0.5 0 0.5 1 MILE  
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 0.5 0 0.5 1 KILOMETER  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MASSACHUSETTS  
MAP LOCATION

Map units were modified from Holmes (1989c) and from  
Warren, C.R., 1982, unpublished field map. Bedrock  
outcrops are from Ratcliffe (1984b). Some shallow-  
bedrock areas were interpreted from analysis of  
topographic lidar and soils data. Some units were  
mapped or revised from recent field studies and from  
analysis of 2005 orthophoto images.

## Surficial Materials Map of the Pittsfield East Quadrangle, Massachusetts

Compiled by  
Byron D. Stone and Mary L. DiGiacomo-Cohen  
2018

Any use of trade, firm, or product names is for descriptive purposes only and  
does not imply endorsement by the U.S. Government

For sale by U.S. Geological Survey, Box 25286, Denver Federal Center,  
Denver, CO 80225; <https://store.usgs.gov>; 1-888-ASK-USGS (1-888-275-8747)

Suggested citation: Stone, B.D., and DiGiacomo-Cohen, M.L., comps., 2018,  
Surficial materials map of the Pittsfield East quadrangle, Massachusetts,  
quadrangle 13 in Stone, J.R., Stone, B.D., DiGiacomo-Cohen, M.L., and Mabey,  
S.B., comps., Surficial materials of Massachusetts—A 1:24,000-scale geologic  
map database: U.S. Geological Survey Scientific Investigations Map 3402, 1  
sheet, scale 1:24,000, <https://doi.org/10.3133/sim3402>.

ISSN 2229-132X (online)  
<https://doi.org/10.3133/sim3402>