



Base from U.S. Geological Survey, 1965  
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 MILE  
1 KILOMETER  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MAP LOCATION

Map units were reproduced from Holland (1980) and  
Castle (1950). Some units were mapped or revised  
from analysis of topographic (lidar) data and 2005  
orthophoto images.

## Surficial Materials Map of the Billerica Quadrangle, Massachusetts

Compiled by  
Byron D. Stone and Janet R. Stone  
2018

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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)

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