



Base from U.S. Geological Survey, 1966  
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

15°  
TRUE  
NORTH  
APPROXIMATE MEAN  
DECLINATION, 2018

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

MAP LOCATION  
MASSACHUSETTS

Map units were reproduced from Stone, B.D., 1982,  
unpublished field maps. Some bedrock outcrops are  
from Bell (1976). Some units were mapped or revised  
from analysis of topographic (lidar) data and 2005  
orthophoto images.

## Surficial Materials Map of the South Groveland Quadrangle, Massachusetts

Compiled by  
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2018

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M.L., and Mabee, S.B., comps., Surficial materials of Massachusetts—A  
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