



Base from U.S. Geological Survey, 1971  
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  
Hydrographic information is not intended for  
navigational purposes

15°  
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 reproduced from Stone, B.D., 1982,  
unpublished field map. Bedrock outcrops are from  
Willey and others (1978) and Lyons (1977), and from  
Stone, B.D., 1982, unpublished field map. Some units  
mapped were or revised from analysis of topographic  
(lidar) data and 2005 orthophoto images.

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

Compiled by  
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2018

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M.L., and Mabey, S.B., comps., Surficial materials of Massachusetts—A  
1:24,000-scale geologic map database: U.S. Geological Survey Scientific  
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