



Base from U.S. Geological Survey, 1961  
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

14°  
APPROXIMATE MEAN  
DECLINATION, 2018

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

MAP LOCATION

Map units were reproduced from Campbell and  
Hartshorn (1980). Some units were mapped or  
revised from analysis of topographic (laser) data  
and 2005 orthophoto images.

## Surficial Materials Map of the Northfield Quadrangle, Massachusetts

Compiled by  
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2018

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S.B., comps., Surficial materials of Massachusetts—A 1:24,000-scale geologic  
map database: U.S. Geological Survey Scientific Investigations Map 3402, 1  
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