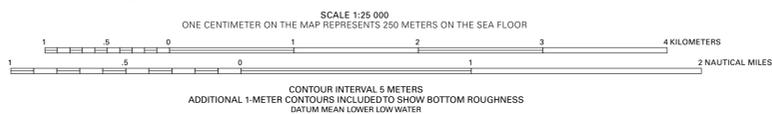
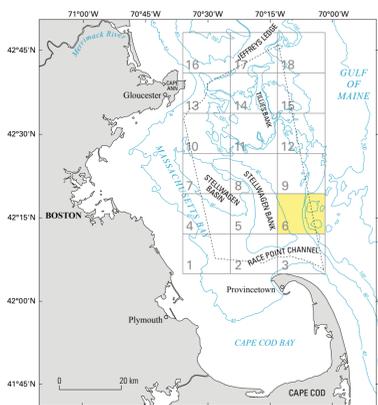


Mercator projection  
Geodetic Reference System 1980; North American Datum of 1983  
Longitude of central meridian 70°13' W; latitude of true scale 41°39' N  
False easting 0 m; false northing 0 m  
This map is not intended for navigational purposes.



**DESCRIPTION OF MAP UNITS**  
[Fine-grained and coarse-grained sand content is given as mean weight percent. Grain sizes are listed in phi units. See table 5 for textural characteristics of individual substrates. See Mapping Methods for explanation of topographic contour intervals]

- Substrate dominated by fine-grained sand—Muddy sand in which fine-grained sand (3 and 4 phi combined) constitutes the largest portion of the sand fraction; equivalent to substrates G1 and G2 of Map D
- Substrate dominated by coarse-grained sand—Sand and sand partial veneer on gravel in which coarse-grained sand (2, 1, and 0 phi combined) constitutes the largest portion of the sand fraction; equivalent to substrates A1, A2, B, D1, D2, E, and F of Map D
- Boulder ridges <1 m in height—Equivalent to substrate C of Map D
- Boulder ridges ≥1 m in height—Equivalent to substrate C of Map D



Location Map.—Shows quadrangle 6 (highlighted in yellow), Stellwagen Bank National Marine Sanctuary boundary is shown as a dashed line. Bathymetric contours are labeled in meters.

## Map F.—Distribution of Fine- and Coarse-Grained Sand

Seabed Maps Showing Topography, Ruggedness, Backscatter Intensity, Sediment Mobility, and the Distribution of Geologic Substrates in Quadrangle 6 of the Stellwagen Bank National Marine Sanctuary Region Offshore of Boston, Massachusetts

By  
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2015

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