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Samples from the U.S. Eastern Continental Margin
Collected by the U.S. Geological Survey

by

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As part of the National Geophysical and Solar-Terrestrial Data Center's (NGSDC's) project to maintain a computer-accessed list of marine geological samples, the U.S. Geological Survey has inventoried 3,949 samples from the continental margin of the Eastern United States (Fig. 1). Most (3,868) of these samples are grab and dredge samples collected by the U.S. Geological Survey in an earlier cooperative program with the Woods Hole Oceanographic Institution (WHOI) and are stored at WHOI. Samples collected since 1974 are stored by the U.S. Geological Survey. This more recent collection is made up of 3,815.5 m of rotary-drilled cores collected at 19 stations in 1976 by the drill ship GLOMAR CONCEPTION, 243.8 m of piston cores and 38.3 m of gravity cores collected during the 1979 and 1980 cruises of the R/V ENDEAVOR, and 6 grab samples collected by the M/V STATE ARROW in 1978.

The data base consists of cruise, sample number, collection date, latitude, longitude, water depth, method of collection, method of storage, core diameter, core length, primary lithology, secondary lithology, sub-dominance components, and age. These have been encoded and stored as part of NGSDC's central inventory.

The samples and detailed descriptions can be seen at the U.S. Geological Survey offices in Woods Hole, MA 02543. Information from the inventory can be purchased only from the National Geophysical and Solar-Terrestrial Data Center, NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, Colorado 80303 (303-497-6338).



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

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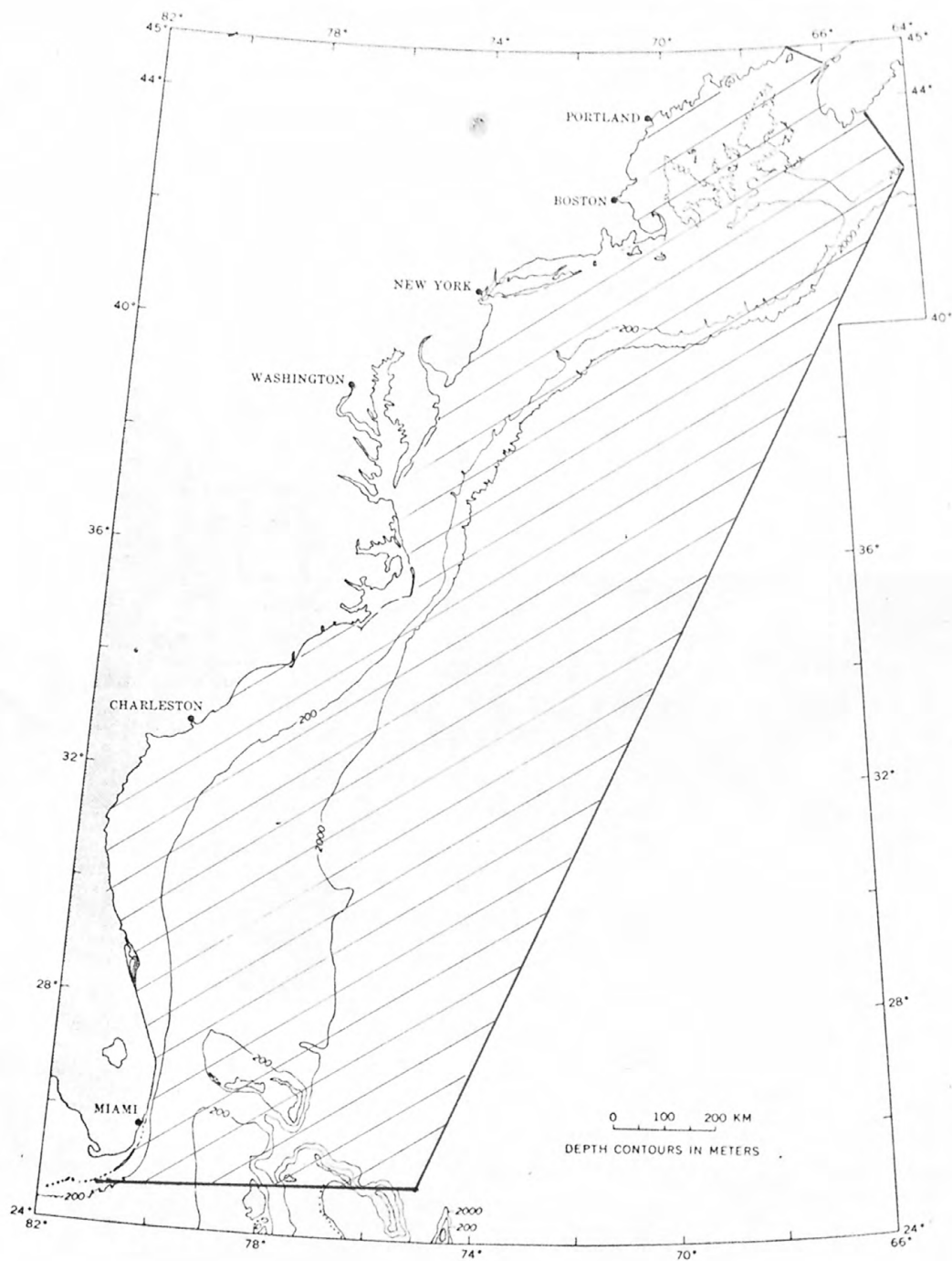


Figure 1. Area of the United States continental margin from which the U.S. Geological Survey has taken bottom samples is indicated by ruled pattern.

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