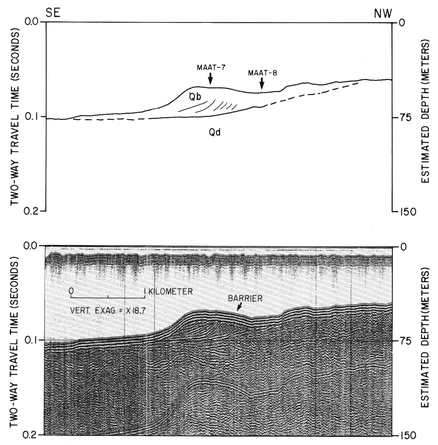


Figure 13.--Interpreted seismic profile showing the barrier beach (Qb), drift (Qd), and the location of cores MAAT-7 and MAAT-8.

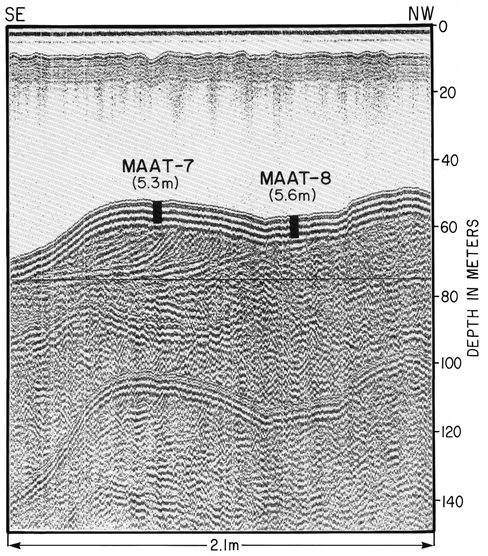


Figure 14.--Enlarged section of seismic profile (fig. 13) showing location of barrier beach core MAAT-7 and lagoon core MAAT-8.

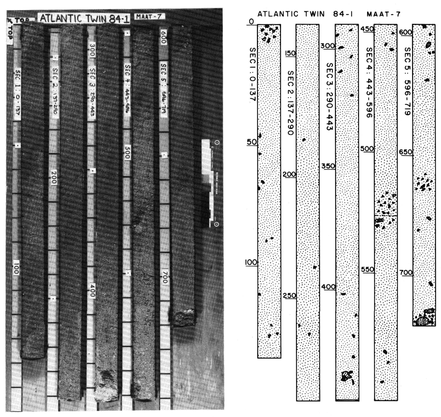


Figure 15.--Photograph and lithologic interpretation of barrier beach core MAAT- 7. See figure 5 for key to lithologic symbols. Depth in centimeters.

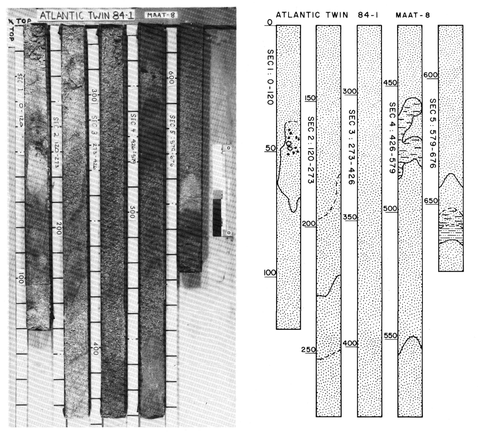


Figure 16.--Photograph and lithologic interpretation of lagoon core MAAT-8. See figure 5 for key to lithologic symbols. Depth in centimeters.

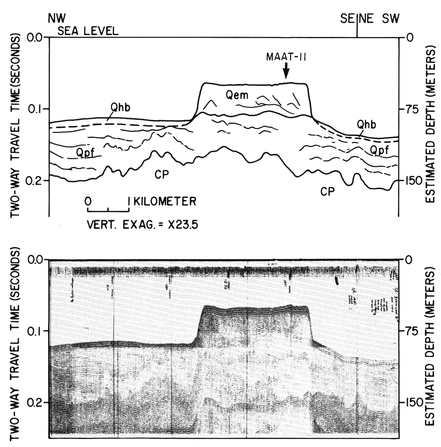


Figure 17.--Interpreted seismic profile showing submerged end moraine and barrier beach, and the location of core MAAT-11. See figure 3 for meaning of letter symbols.

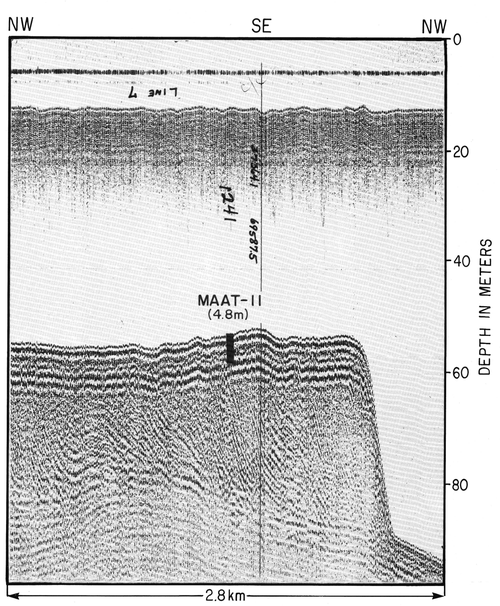


Figure 18.--Enlarged section of seismic profile (fig. 17) showing the location of barrier beach core MAAT-11.

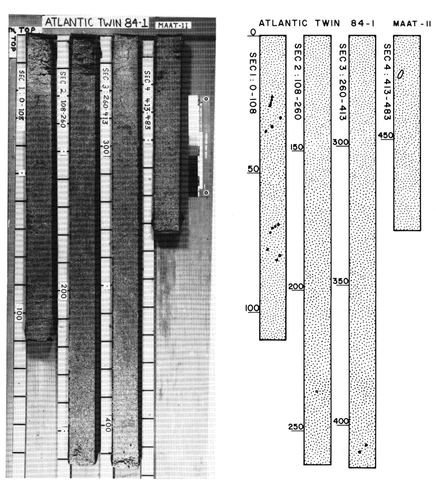


Figure 19.--Photograph and lithologic interpretation of barrier beach core MAAT-11. See figure 5 for key to lithologic symbols. Depth in centimeters.

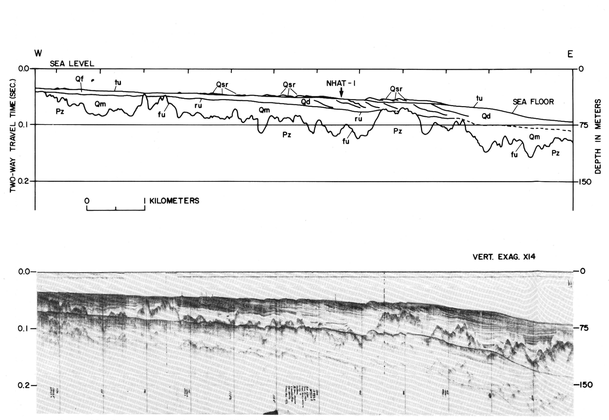


Figure 20.--Interpreted seismic profile showing the Merrimack River paleodelta and the location of core NHAT-1. Letter symbols indicate: Pz = bedrock, Qm = marine deposits, Qd = delta deposits, Qf = fluvial deposits, Qsr = sand sheet deposits, Qf/d fluvial and deltaic deposits, undifferentiated; fu, ru, and tu represent the fluvial unconformity, regressive unconformity, and transgressive unconformity respectively.

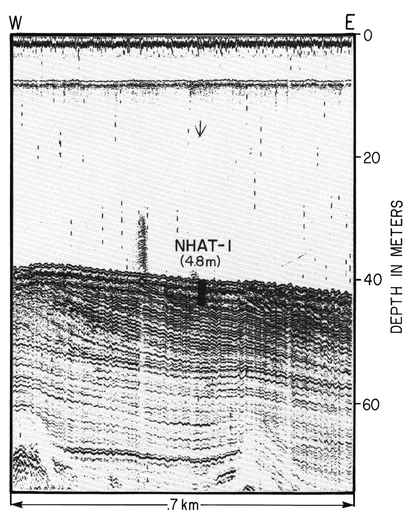


Figure 21.--Enlarged section of seismic profile (fig. 20) showing location of delta core NHAT-1.

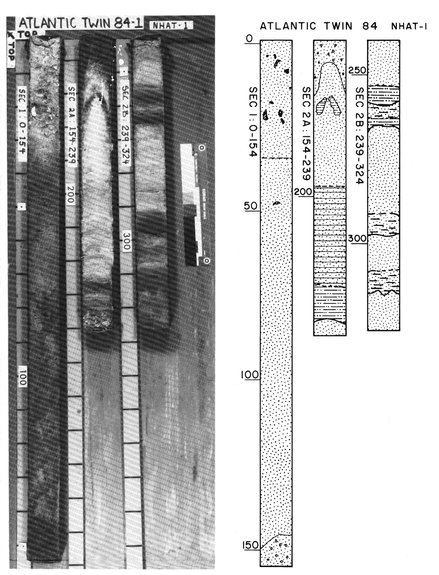


Figure 22.--Photograph and lithologic interpretation of delta core NHAT-1. See figure 5 for key to lithologic symbols. Depth in centimeters.

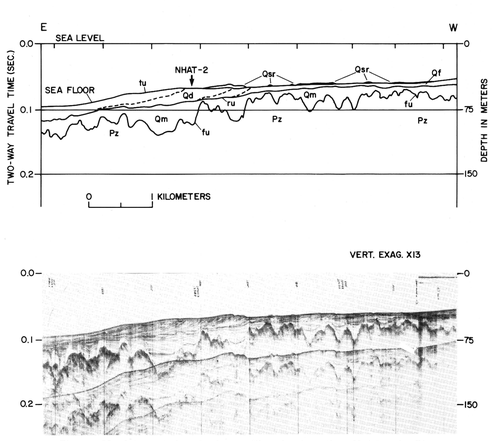


Figure 23.--Interpreted seismic profile showing the Merrimack River paleodelta and the location of core NHAT-2. See figure 20 for meaning of letter symbols.

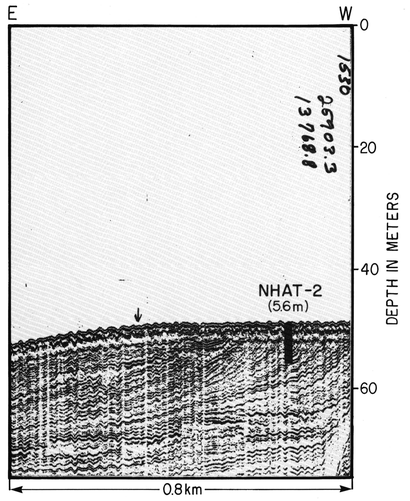
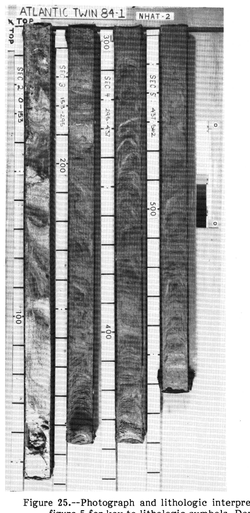


Figure 24.--Enlarged section of seismic profile (fig. 23) showing the location of delta core NHAT-2.



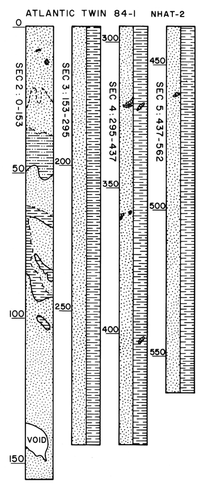


Figure 25.--Photograph and lithologic interpretation of delta core NHAT-2. See figure 5 for key to lithologic symbols. Depth in centimeters.

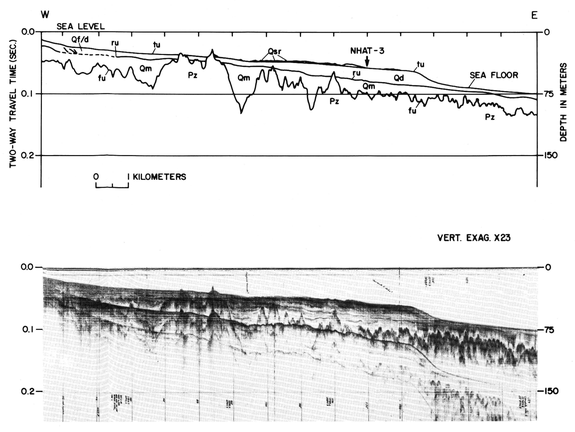


Figure 26.--Interpreted seismic profile showing the Merrimack River paleodelta and the location of core NHAT-3. See figure 20 for meaning of letter symbols.

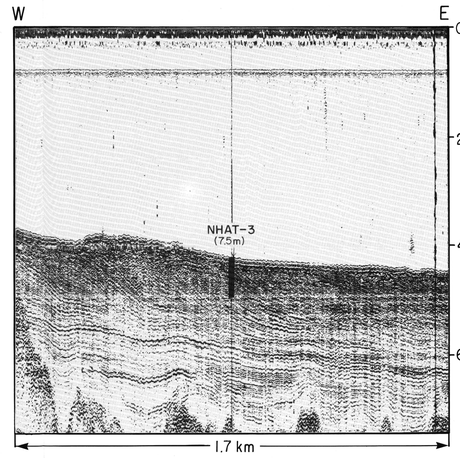
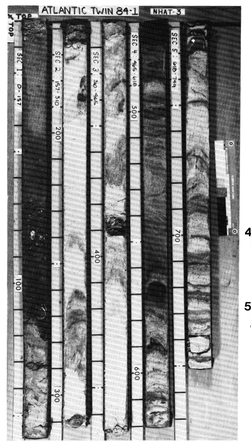


Figure 27.--Enlarged section of seismic profile (fig. 26) showing the location of delta core NHAT-3.



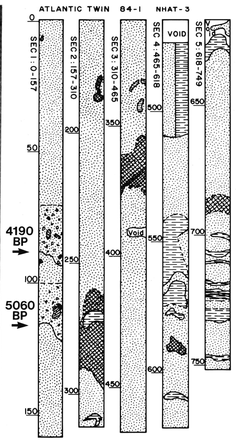


Figure 28.--Photograph and lithologic interpretation of delta core NHAT-3. See figure 5 for key to lithologic symbols. Depth in centimeters.

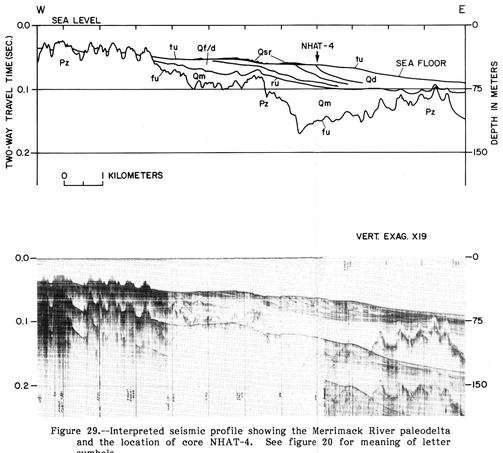


Figure 29.--Interpreted seismic profile showing the Merrimack River paleodelta and the location of core NHAT-4. See figure 20 for meaning of letter symbols.

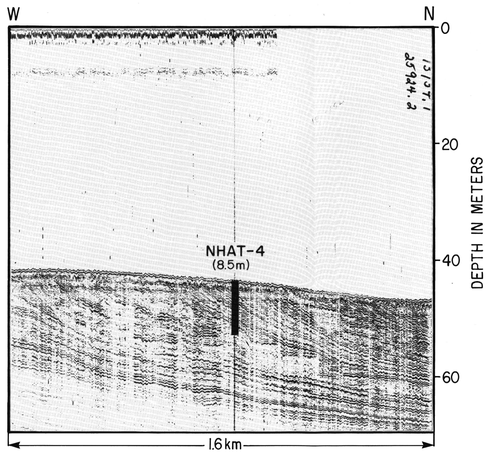


Figure 30.--Enlarged section of seismic profile (fig. 29) showing the location of delta core NHAT-4.

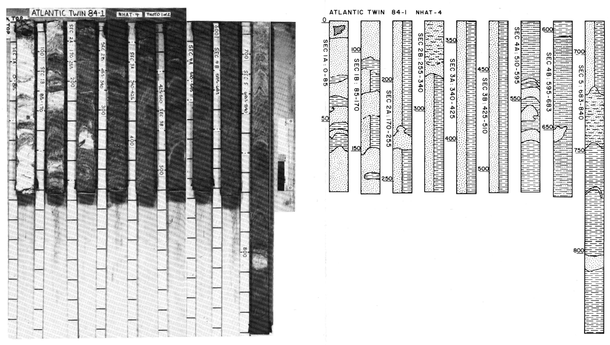


Figure 31.--Photograph and lithologic interpretation of delta core NHAT-4. See figure 5 for key to lit symbols. Depths in centimeters.

CORES FROM MARINE GEOLOGIC FEATURES IN THE WESTERN GULF OF MAINE

By

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