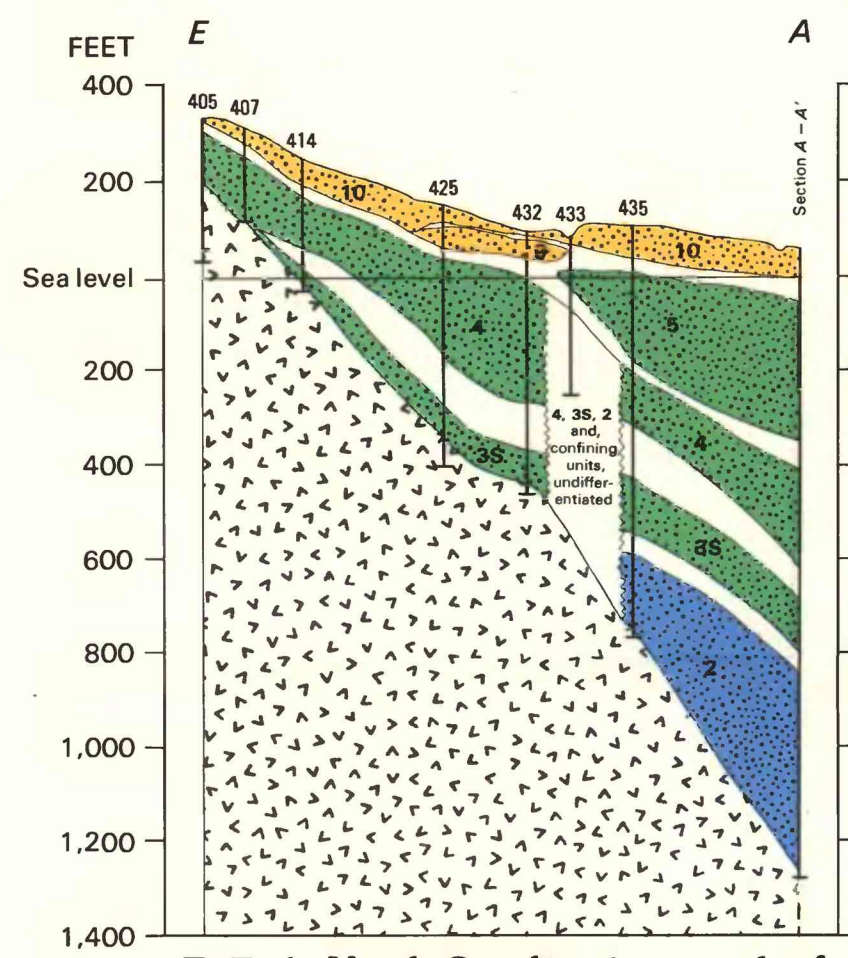


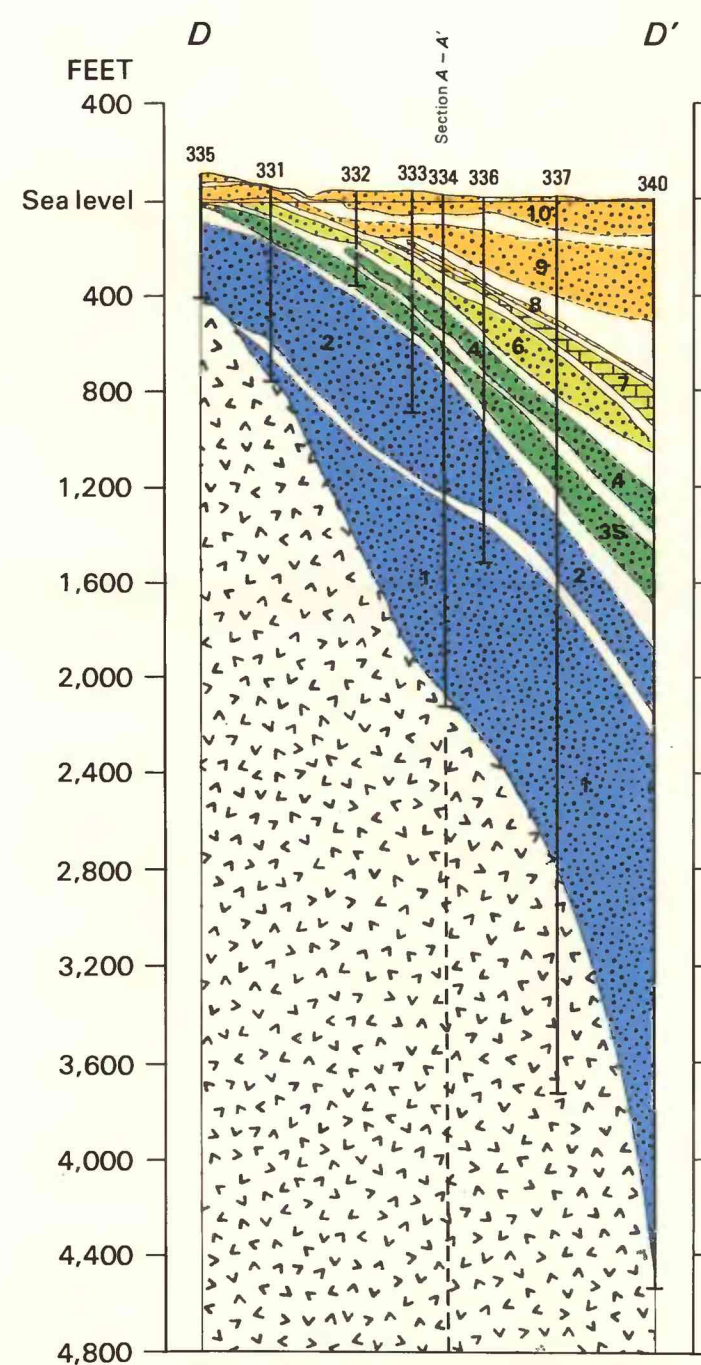
A. A-A', North Carolina to Long Island, New York

EXPLANATION

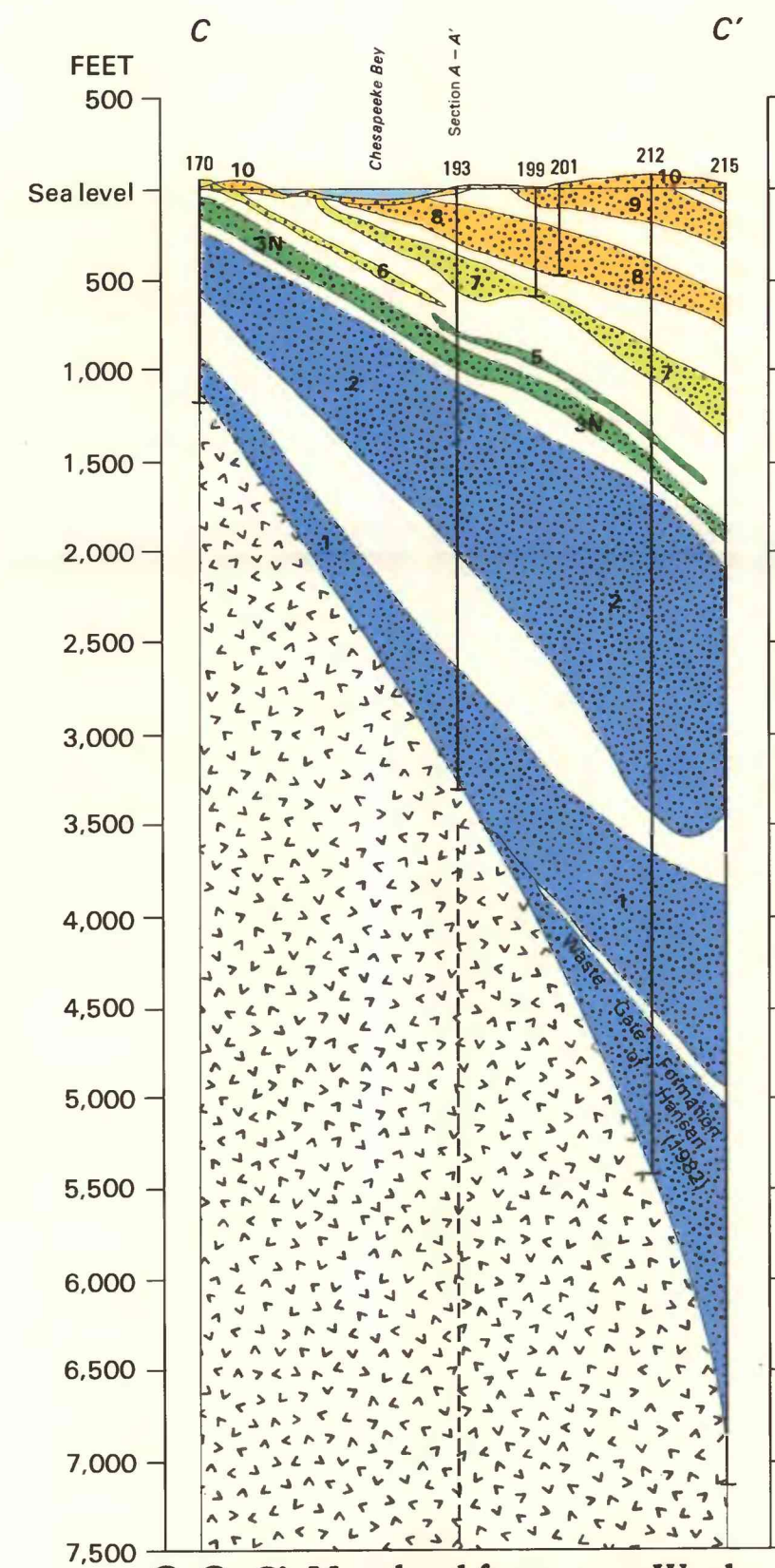
- Hydrogeologic unit**
- Aquifer, predominantly sand—Number is keyed to names below and shown on plate 3
 - Aquifer, predominantly limestone and lime sand—Layer 7
 - Aquifers of Quaternary, Pliocene, and Miocene age
 - Aquifers of Oligocene, Eocene, and Paleocene age
Section B-B'—Aquifers (where defined) or sediments of Oligocene, Eocene, and Paleocene age
Section C-C'—Aquifers of Oligocene (?), Eocene, and Paleocene age
 - Aquifers in the upper part of the Cretaceous section, predominantly marine and marginal marine
Section B-B'—Aquifers (where defined) or sediments in the upper part of the Cretaceous section, predominantly marine and marginal marine
 - Aquifers in the lower part of the Cretaceous section, predominantly nonmarine
Section B-B'—Aquifers (where defined) or sediments in the lower part of the Cretaceous section, predominantly nonmarine
 - Jurassic sediments
 - Confining unit(s)
Section B-B'—Confining unit(s) (where defined)
Section E-A'—Confining unit(s) and undifferentiated material
 - Basement
 - Control well—Number was assigned for this investigation (appendix)
Section B-B'; C-C'—Structural details omitted
 - Geohydrologic contact—Dashed where position is uncertain. Queried where geohydrologic units may not be recognizable
- Aquifer number and name**
- 10—Surficial aquifer; 9—Upper Chesapeake aquifer; 8—Lower Chesapeake aquifer; 7—Castle Hayne-Piney Point aquifer; 6—Beaufort-Aquia aquifer; 5—Peedee-Severn aquifer; 4—Black Creek-Matawan aquifer; 3N—Magothy aquifer; 3S—Upper Potomac aquifer; 2—Middle Potomac aquifer; 1—Lower Potomac aquifer



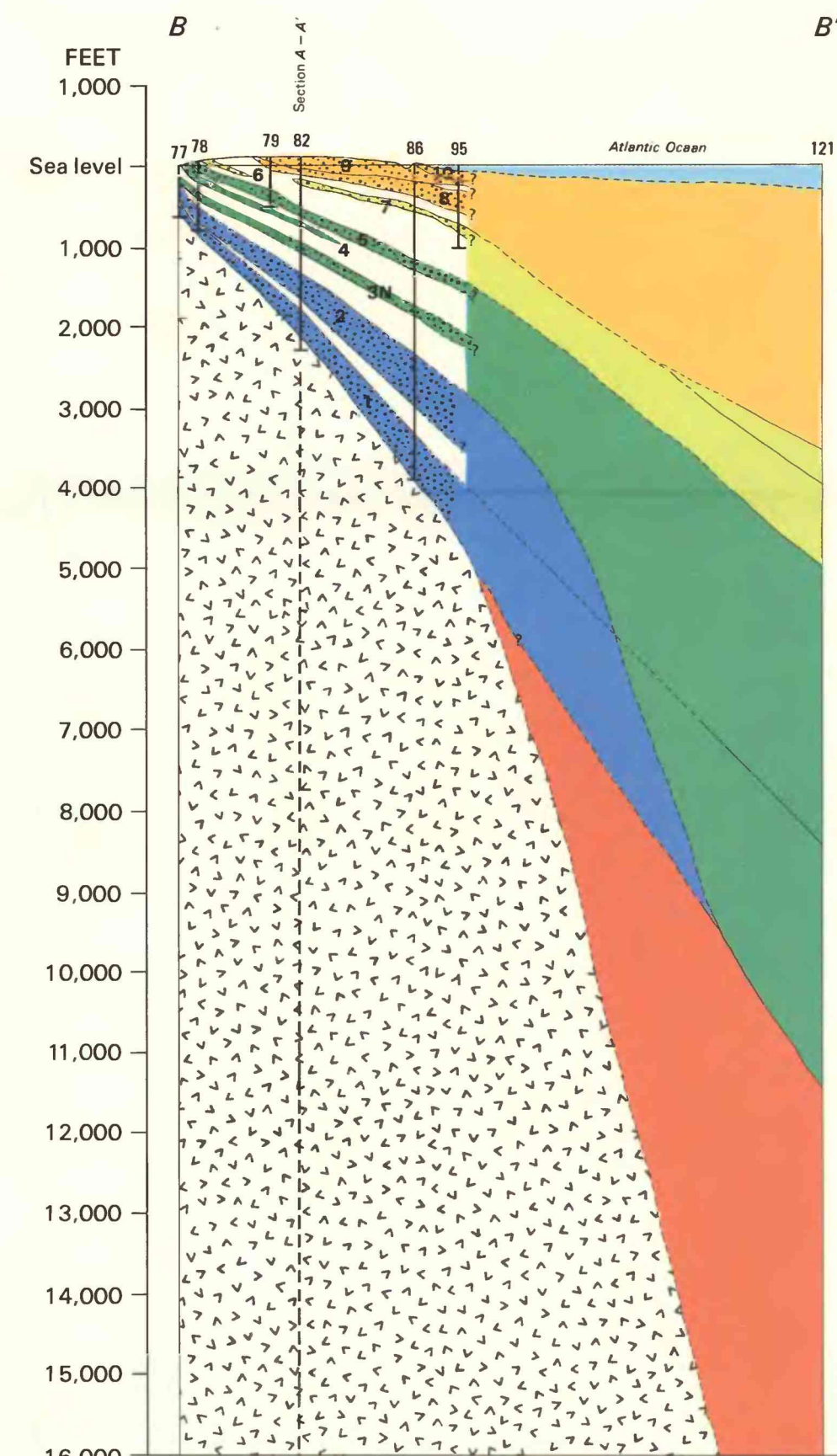
E. E-E-A', North Carolina just north of South Carolina State line



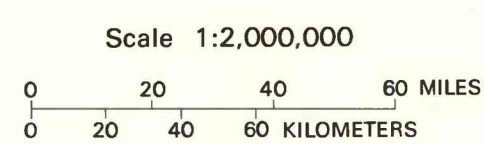
D. D-D', North Carolina just south of Virginia State line



C. C-C', Maryland from near Washington, D.C., to Delmarva Peninsula



B. B-B', New Jersey to offshore Baltimore Canyon trough area (COST B-2 well)



Vertical scale greatly exaggerated

Geohydrologic sections in the northern Atlantic Coastal Plain. (Locations shown on plate 1A.)