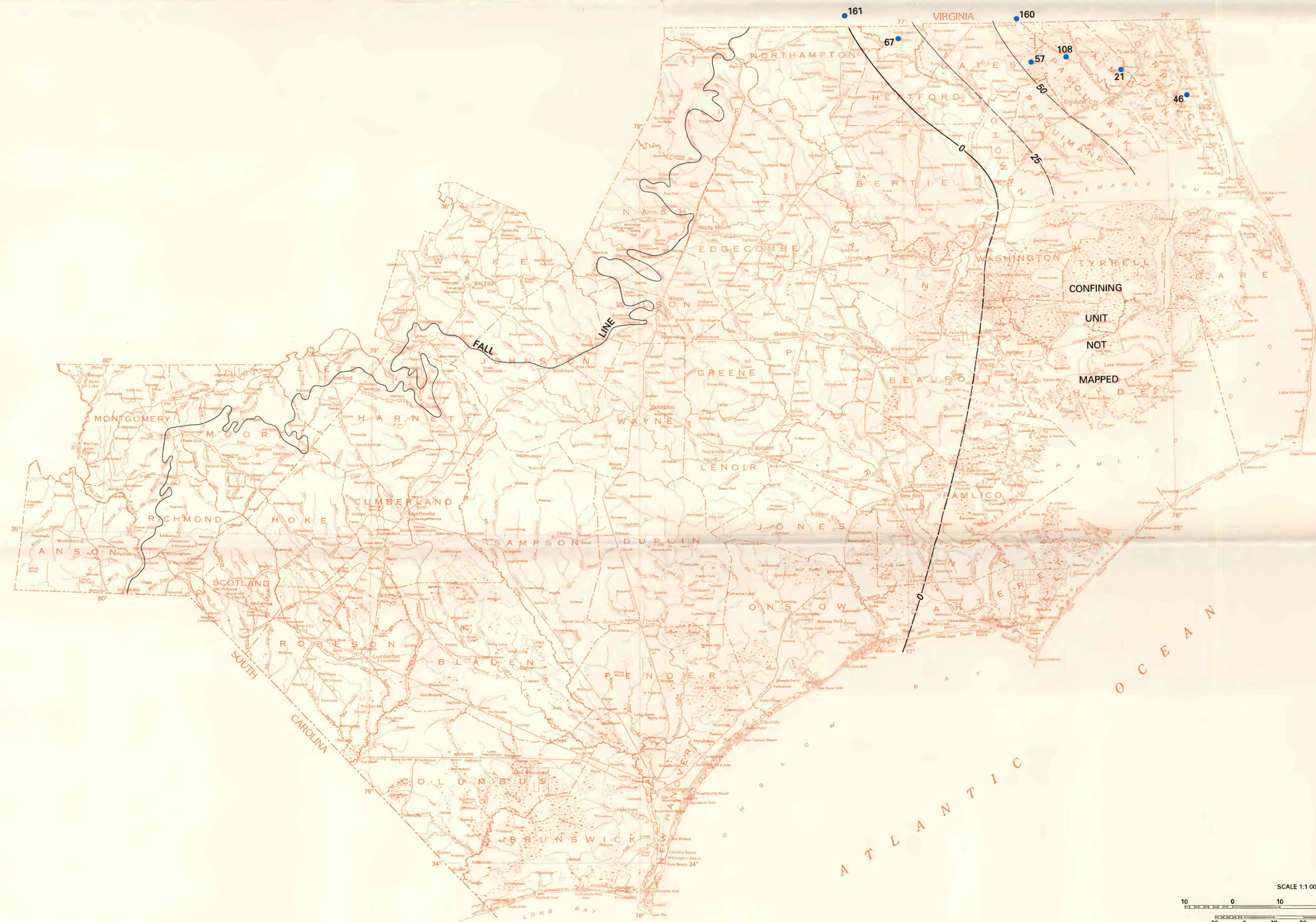


ALTITUDE OF TOP AND CHLORIDE CONCENTRATION OF THE LOWER CRETACEOUS AQUIFER

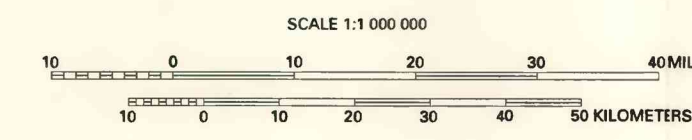


PERCENTAGE OF SAND IN THE LOWER CRETACEOUS AQUIFER



THICKNESS OF THE LOWER CRETACEOUS CONFINING UNIT

- EXPLANATION**
- TRANSITION ZONE FROM FRESHWATER TO WATER CONTAINING 250 MILLIGRAMS PER LITER CHLORIDE
 - LIMIT OF AQUIFER—Dashed where approximately located
 - 600 SUBSURFACE CONTOUR—Shows altitude of top of Lower Cretaceous aquifer. Dashed where approximately located. Contour interval 200 feet. Datum is sea level
 - 2507 LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at top of aquifer contains 250 milligrams per liter chloride
 - 2508 LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at bottom of aquifer contains 250 milligrams per liter chloride
 - 10,000 LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at top of aquifer contains 10,000 milligrams per liter chloride
 - 10,000B LINE OF EQUAL CHLORIDE CONCENTRATION—Shows approximately where water at bottom of aquifer contains 10,000 milligrams per liter chloride
 - 55 LINE OF EQUAL PERCENTAGE OF SAND IN THE LOWER CRETACEOUS AQUIFER—Dashed where approximately located. Interval 5 percent
 - LIMIT OF CONFINING UNIT SHOWN AS ZERO THICKNESS—Dashed where approximately located
 - 25 LINE OF EQUAL THICKNESS OF THE LOWER CRETACEOUS CONFINING UNIT—Dashed where approximately located. Interval 25 feet
 - 67 WELL AND WELL NUMBER



MAPS SHOWING ALTITUDE OF TOP, CHLORIDE CONCENTRATION, AND PERCENTAGE OF SAND OF THE LOWER CRETACEOUS AQUIFER AND THICKNESS OF THE LOWER CRETACEOUS CONFINING UNIT IN THE NORTH CAROLINA COASTAL PLAIN