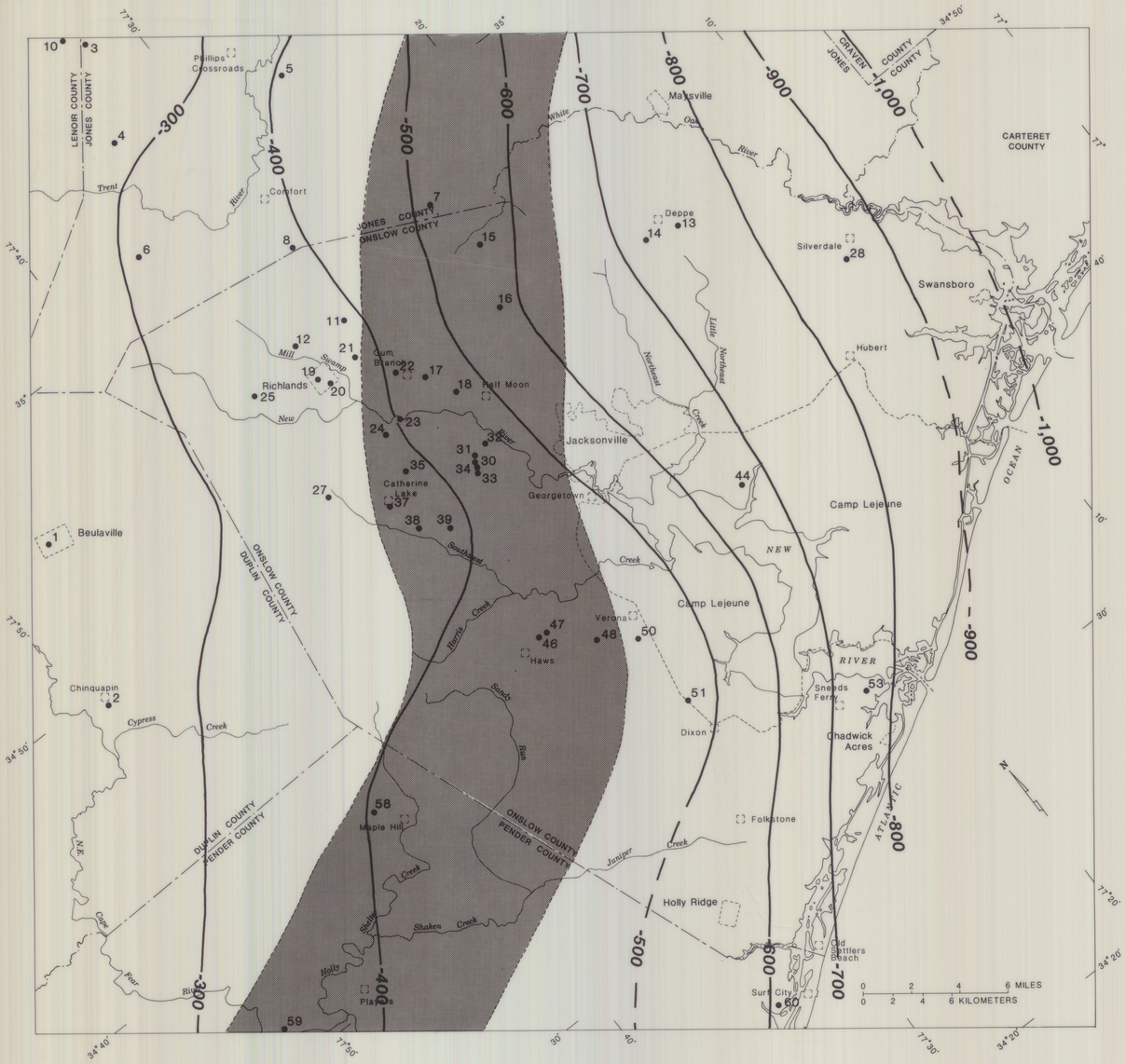
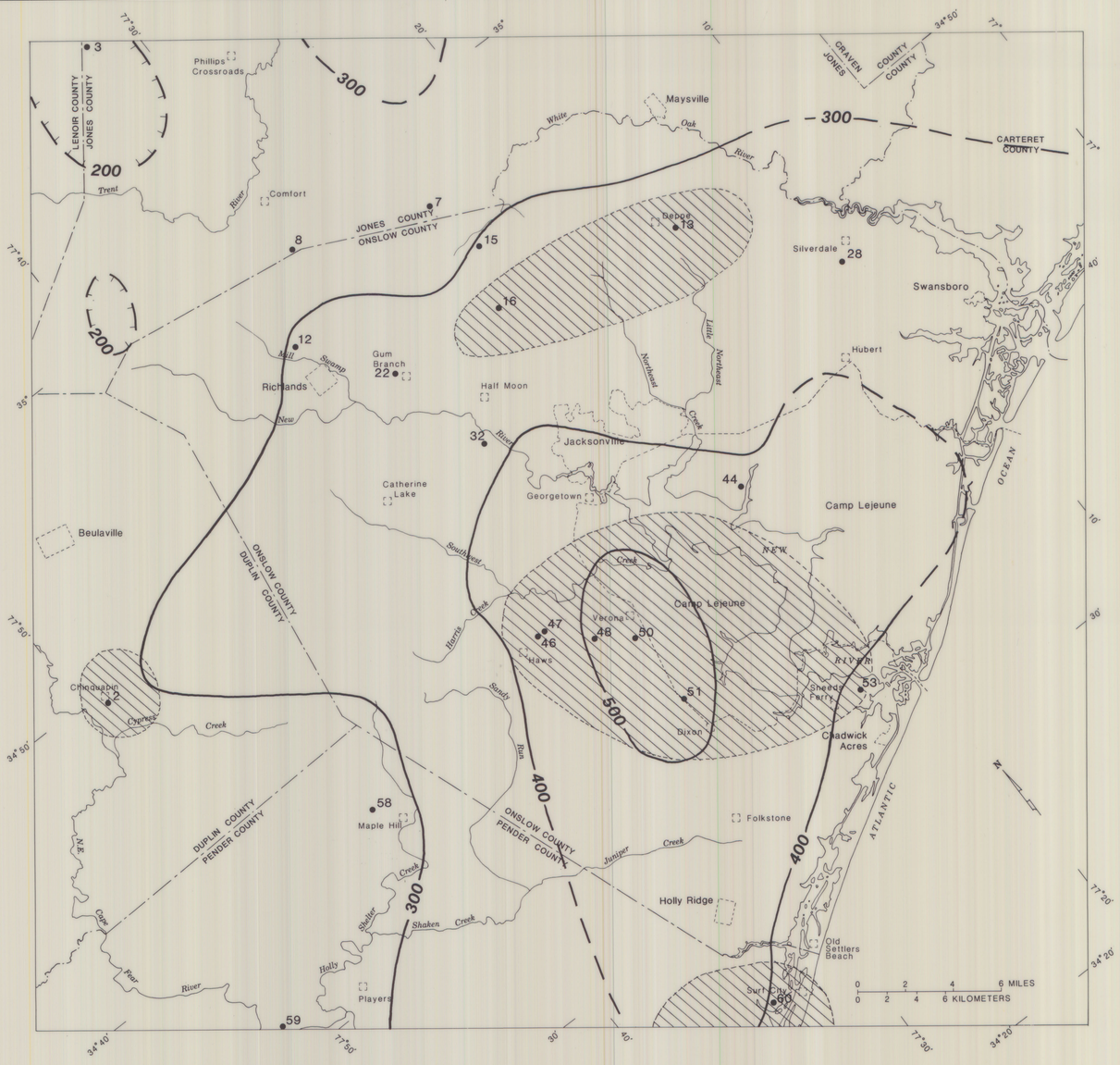
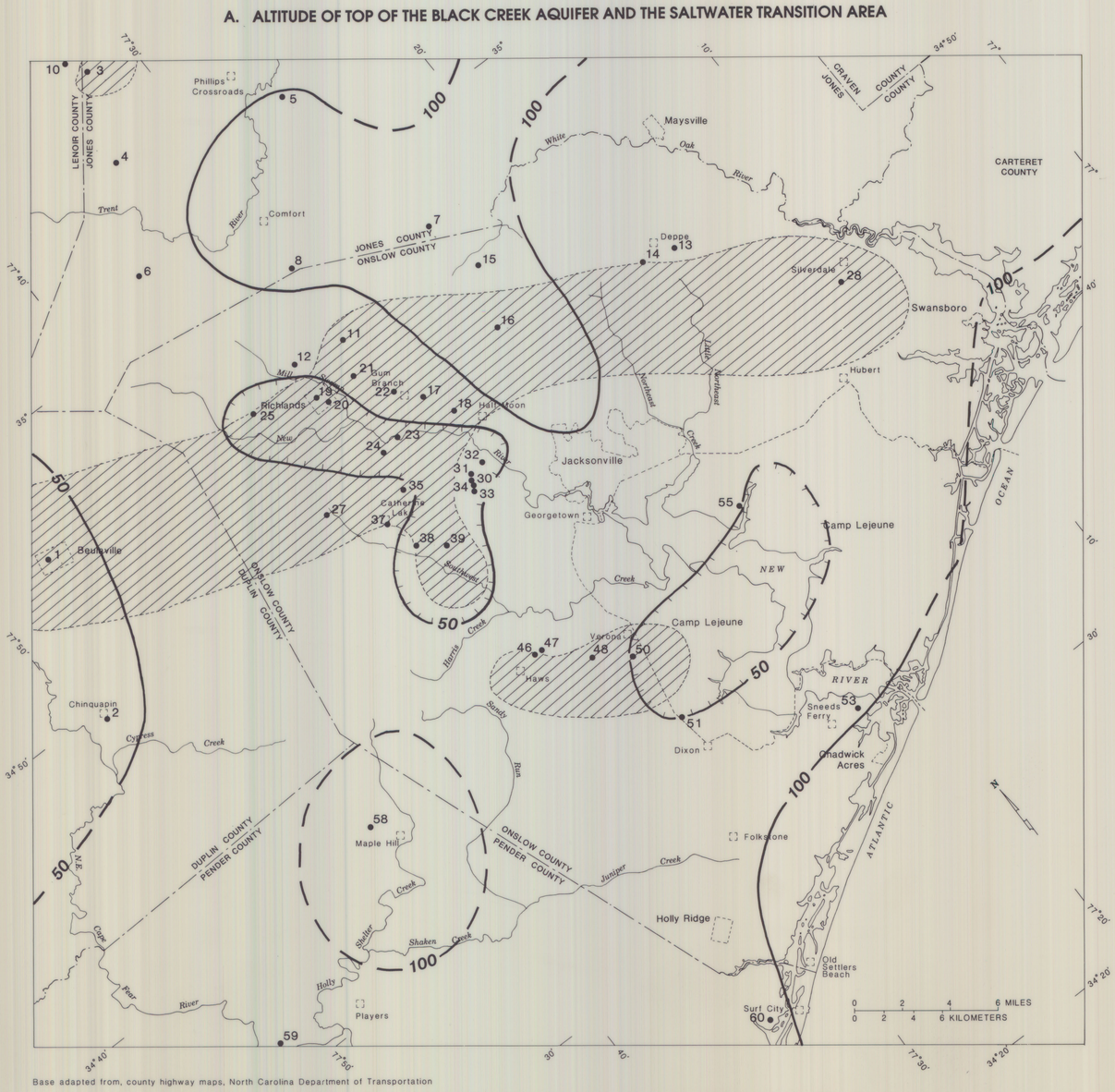


A. ALTITUDE OF TOP OF THE BLACK CREEK AQUIFER AND THE SALTWATER TRANSITION AREA



B. THICKNESS OF AND PERCENTAGE OF PERMEABLE MATERIAL IN THE BLACK CREEK AQUIFER



Base adapted from, county highway maps, North Carolina Department of Transportation

C. THICKNESS OF AND PERCENTAGE OF PERMEABLE MATERIAL IN THE BLACK CREEK CONFINING UNIT

EXPLANATION FOR MAP A

AREA OF TRANSITION FROM FRESHWATER TO SALTWATER--Transition occurs in aquifer from northwest to southeast

—300— SUBSURFACE CONTOUR--Shows altitude of top of Black Creek aquifer. Dashed where approximately located. Contour interval 100 feet. Datum is sea level

• 3 WELL AND WELL NUMBER--Data given in table 2

EXPLANATION FOR MAP B

APPROXIMATE AREA WHERE AMOUNT OF PERMEABLE MATERIAL EXCEEDS 50 PERCENT

— 300 — LINE OF EQUAL THICKNESS--Dashed where approximately located. Interval 100 feet. Hachures indicate thickness less than surrounding area.

• 3 WELL AND WELL NUMBER--Data given in table 2

EXPLANATION FOR MAP C

APPROXIMATE AREA WHERE AMOUNT OF PERMEABLE MATERIAL EXCEEDS 25 PERCENT

—100— LINE OF EQUAL THICKNESS--Dashed where approximately located. Interval 50 feet. Hachures indicate thickness less than surrounding area.

• 3 WELL AND WELL NUMBER--Data given in table 2

HYDROGEOLOGIC MAPS OF THE BLACK CREEK AQUIFER AND CONFINING UNIT , ONSLOW COUNTY VICINITY, NORTH CAROLINA.