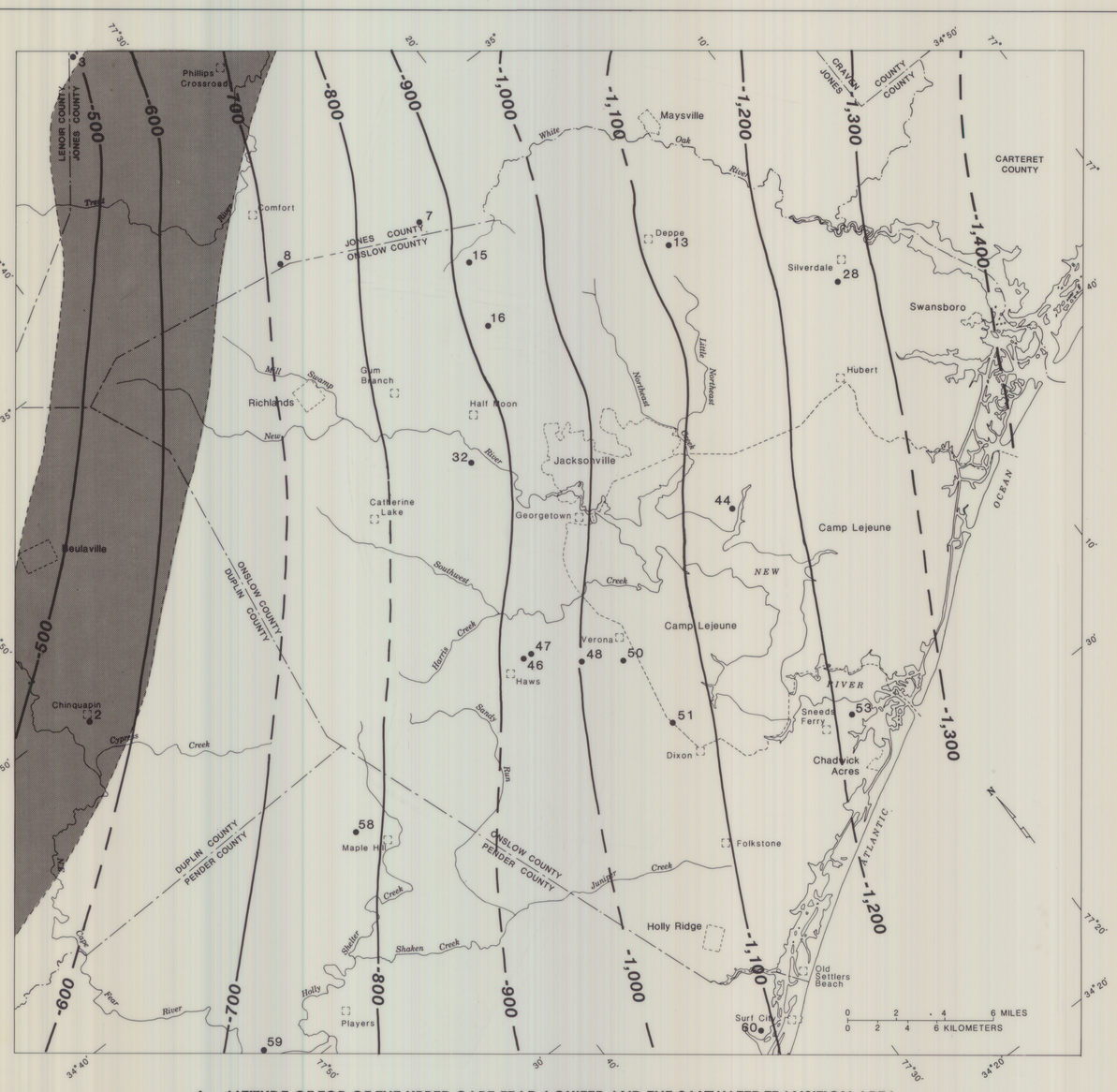

A. ALTITUDE OF TOP OF THE UPPER CAPE FEAR AQUIFER AND THE SALTWATER TRANSITION AREA

B. THICKNESS OF AND PERCENTAGE OF PERMEABLE MATERIAL IN THE UPPER CAPE FEAR AQUIFER

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

C. THICKNESS OF AND PERCENTAGE OF PERMEABLE MATERIAL IN THE UPPER CAPE FEAR CONFINING UNIT

EXPLANATION FOR MAP A

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

-500 SUBSURFACE CONTOUR--Shows altitude of top of upper Cape Fear 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 60 PERCENT

100 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 20 PERCENT

50 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 UPPER CAPE FEAR AQUIFER AND CONFINING UNIT, ONSLOW COUNTY VICINITY, NORTH CAROLINA.