

EXPLANATION

WELL SECTION AND LOG TRACE
 Well number
 Well section and lithologic interpretation
 Resistance curve (R)
 GR denotes gamma-ray trace in this position

Test interval with water-level and chloride data.
 WL is water level in feet above (+) or below (-) sea level. CL is chloride value in milligrams per liter.

LITHOLOGIC INTERPRETATION
 CL denotes interpretation from driller's log
 Relatively impermeable section that consists mostly of clay and silt. These represent confining beds
 Relatively permeable section that consists of sand or limestone. These represent aquifers
 Section containing a mixture of sand and clay that is intermediate between aquifer and confining-bed properties

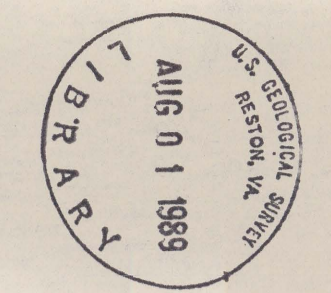
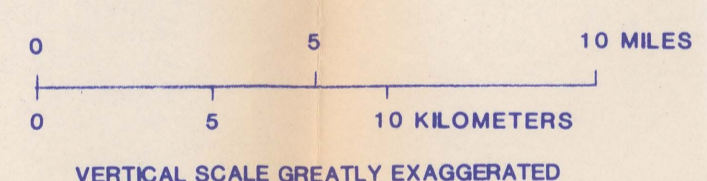
BASEMENT ROCKS REACHED BY TEST HOLE

BASEMENT ROCKS AT WELL SITE NOT REACHED BY TEST HOLE
 HOLE—basement depth estimated from Brown and others (1972, pl. 5)

● ● ● ● ● LINE OF EQUAL CHLORIDE CONCENTRATION, 1980—
 Interval 250 milligrams per liter

○ ○ ○ ○ ○ LINE OF EQUAL CHLORIDE CONCENTRATION, 1980—
 Interval 10,000 milligrams per liter

SECTION LOCATED ON PLATE 1



HYDROGEOLOGIC SECTION E - E' FROM KIPLING, HARNETT COUNTY TO DEPPE, ONSLOW COUNTY.