



**EXPLANATION**

**WELL SECTION AND LOG TRACE**  
 Well number  
 Well section and lithologic interpretation  
 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  
 Resistance curve (R)  
 Spontaneous potential curve (SP)  
 GR denotes gamma-ray trace

**LITHOLOGIC INTERPRETATION**  
 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**—Basement depth estimated from Brown and others (1972, pl. 5)

— 250 — LINE OF EQUAL CHLORIDE CONCENTRATION, 1980, IN MILLIGRAMS PER LITER  
 — 10,000 —

— — — LINE OF SECTION LOCATED ON PLATE 1

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

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1986