



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)

LINE OF EQUAL CHLORIDE CONCENTRATION, 1980, IN MILLIGRAMS PER LITER

LINE OF SECTIONS LOCATED ON PLATE 1

HYDROGEOLOGIC SECTIONS M - M' FROM EDENTON, CHOWAN COUNTY, NORTH CAROLINA, TO WELL 160, SUFFOLK COUNTY, VIRGINIA, AND N - N', N' - N'', P - P', AND R - R' IN ROBESON, BLADEN, AND COLUMBUS COUNTIES, NORTH CAROLINA