

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 (+) sea level.
- CL is chloride value in milligrams per liter
- Resistance curve (R)
- Spontaneous potential curve (SP)
- GR denotes gamma ray trace

LITHOLOGIC INTERPRETATION

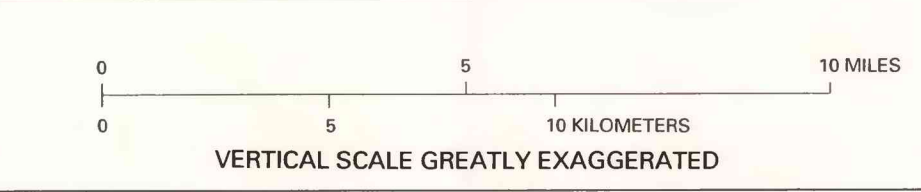
- Relatively impermeable section that consists mostly of clay and silt. These represent confining beds
- Relatively permeable section that consists of sand or limestone. These represent aquifers
- Section containing a mixture of sand and clay that is intermediate between aquifer and confining-bed properties

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 SECTION LOCATED ON PLATE 1



HYDROGEOLOGIC SECTION L - L' FROM CALABASH, BRUNSWICK COUNTY, TO SNEADS FERRY, ONSLOW COUNTY, NORTH CAROLINA