



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**
- DL 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--**
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
- 0 5 10 MILES
0 5 10 KILOMETERS
VERTICAL SCALE GREATLY EXAGGERATED

HYDROGEOLOGIC SECTION K-K' FROM NAKINA, COLUMBUS COUNTY TO MAPLE HILL, PENDER COUNTY