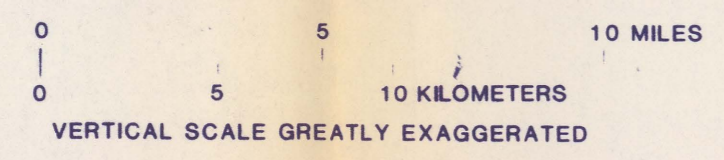


EXPLANATION

- WELL SECTION AND LOG TRACE**
- Well number
- Well section and lithologic interpretation
- Resistance curve, (R)
- GR denotes gamma-ray trace in this position
- Spontaneous potential curve (SP)
- 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; E, chloride estimate from specific conductance
- LITHOLOGIC INTERPRETATION**
- DL denotes interpretation from driller's log
- Relatively impermeable 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
- SECTION LOCATED ON PLATE 1**



HYDROGEOLOGIC SECTION C-C' FROM LOBELIA, MOORE COUNTY TO GARLAND, SAMPSON COUNTY