



- EXPLANATION**
- U.S. GEOLOGICAL SURVEY 7.5-MINUTE QUADRANGLE AND NAME
  - OUTCROP OF THE KIRKWOOD FORMATION (Modified from U.S. Geological Survey, 1967)
  - APPROXIMATE UPDIP LIMIT OF THE ATLANTIC CITY 800-FOOT SAND (From Zapetza, 1989)
  - POTENTIOMETRIC CONTOUR—Shows altitude at which water would have stood in a tightly cased well. Dashed where approximate. Contour interval 20 feet
  - 250-MILLIGRAM-PER-LITER ISOCHLOR—Dashed where approximate. (From S.D. McAuley, U.S. Geological Survey, written commun., 1991, and P.J. Lacombe, U.S. Geological Survey, written commun., 1993)
  - SIMULATED FRESHWATER-SALTWATER INTERFACE—10,000 milligram-per-liter isochlor (From A.D. Gordon, U.S. Geological Survey, written commun., 1993)
  - LOCATION OF OBSERVATION WELL WITH HYDROGRAPH—Upper number is well number; lower number is water-level altitude, in feet. Hydrographs shown in figures 5 and 6
  - LOCATION OF OBSERVATION WELL—Upper number is well number; lower number is water-level altitude, in feet
  - LOCATION OF PRODUCTION WELL—Upper number is well number; lower number is water-level altitude, in feet
- Only selected wells listed in table 4 are shown. Datum is sea level

Base modified from U.S. Geological Survey digital data, 1:100,000, 1982 Universal Transverse Mercator Projection, Zone 18

POTENTIOMETRIC SURFACE OF THE ATLANTIC CITY 800-FOOT SAND, 1988

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