UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION,
DIVISION OF WATER RESOURCES

WATER-RESOURCES INVESTIGATIONS REPORT 86-4028
PLATE 1

EXPLANATION

OUTCROP AREA OF THE RARITAN FORMATION AND POTOMAC GROUP, UNDIVIDED-- Contact dashed where approximate. (Modified from U.S. Geological Survey, 1967)

APPROXIMATE UPDIP LIMIT OF THE LOWER AQUIFER-- (Adapted from Zapecza, 1984)

-20 POTENTIOMETRIC CONTOUR--Shows altitude at which water would have stood in tightly cased wells. Dashed where approximate. Contour interval 10 feet. National Geodetic Vertical Datum of 1929

5-262 OBSERVATION WELL-- Corresponding number shown in table 2 and figure 3. Hydrograph shown in figure 3

7-337 DATA POINT-- Corresponding number shown in table 2

SCALE 1:250,000
8 6 4 2 0 8 MILES
8 6 4 2 0 8 KILOMETERS

Base from U.S. Department of Agriculture,
Soil Conservation Service, scale 1:250,000

POTENTIOMETRIC SURFACE OF THE LOWER AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM, 1983