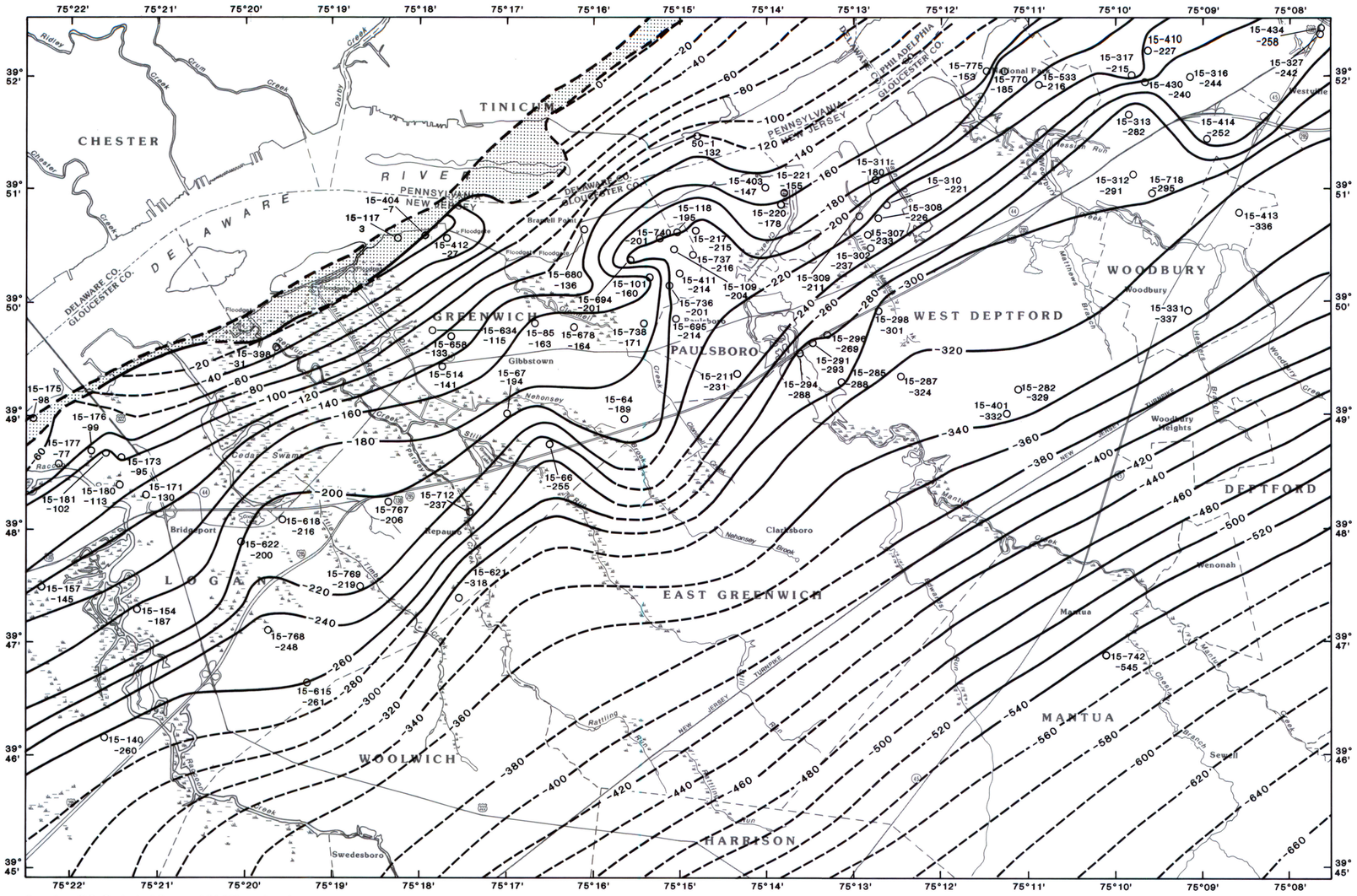
Prepared in cooperation with
GREENWICH TOWNSHIP, NEW JERSEY, and the
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



EXPLANATION

SUBCROP OR OUTCROP OF THE LOWER AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM-- Contact is dashed where extent is approximate

CONTACT BETWEEN HYDROGEOLOGIC UNITS--Contacts are dashed where approximate. Contacts that cross the Delaware River are speculative

-80 TOP-OF-AQUIFER CONTOUR--Shows altitude of the top surface of the lower aquifer of the Potomac-Raritan-Magothy aquifer system. Contour is dashed where inferred. Contour interval is 20 feet. Datum is sea level

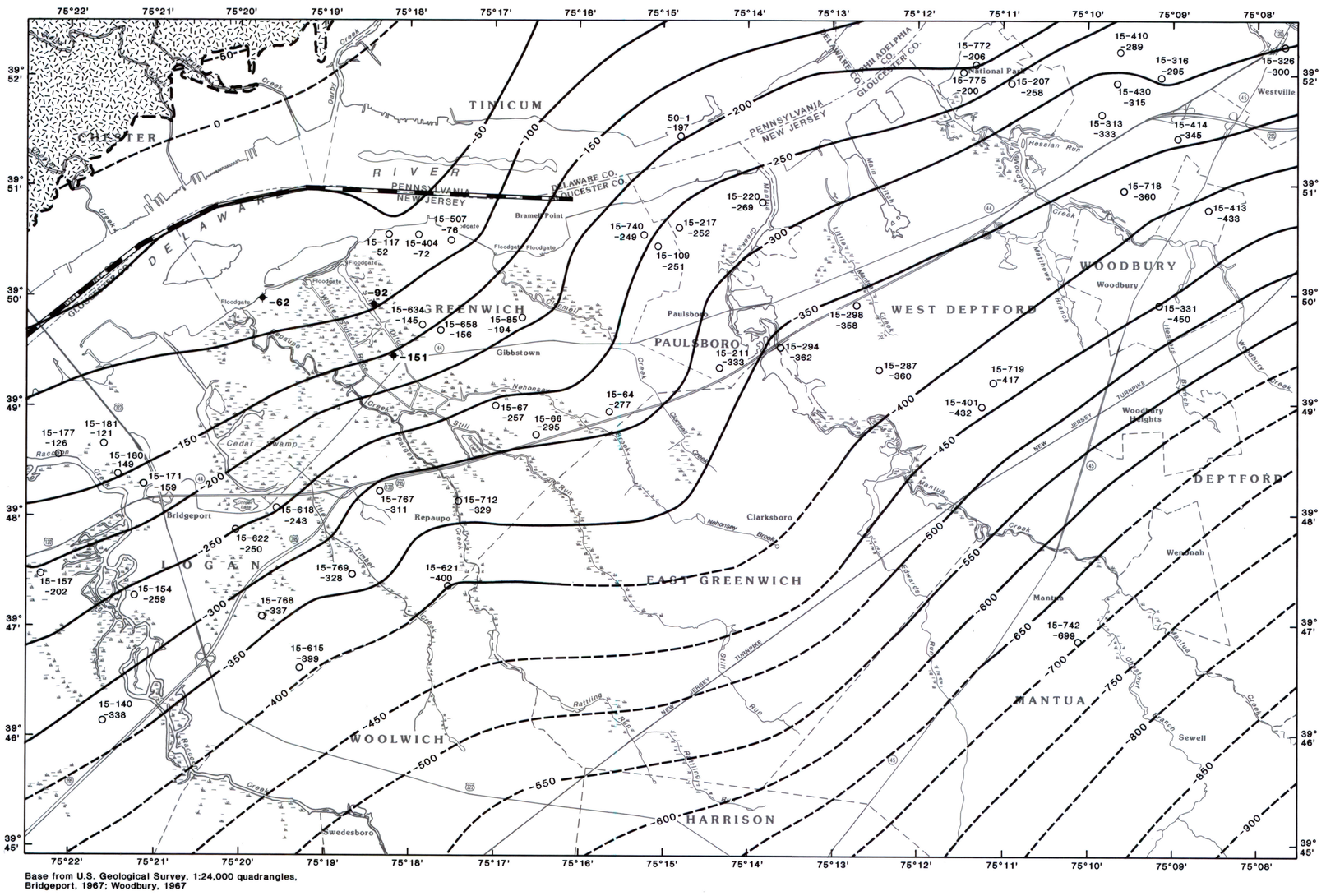
15-180 -113 WELL LOCATION--Upper number is U.S. Geological Survey well number (see table 3). Lower number is altitude of the top surface of the lower aquifer of the Potomac-Raritan-Magothy aquifer system, in feet above or below sea level (see table 2)

SCALE 1:48 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

7a.--ALTITUDE OF THE TOP OF THE LOWER AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM IN THE REGION OF GREENWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY.



EXPLANATION

SUBCROP OR OUTCROP OF LOWER PALEOZOIC AND PRECAMBRIAN METAMORPHIC AND IGNEOUS ROCKS (BEDROCK OF WISSAHICKON FORMATION)-- Contact is dashed where extent is approximate

CONTACT BETWEEN HYDROGEOLOGIC UNITS--Contacts are dashed where approximate. Contacts that cross the Delaware River are speculative

-100 STRUCTURE CONTOUR--Shows altitude of the top surface of the lower Paleozoic and Precambrian metamorphic and igneous rocks (bedrock). Contour is dashed where inferred. Contour interval is 50 feet. Datum is sea level

MARINE-SEISMIC-REFLECTION AND ELECTROMAGNETIC-CONDUCTIVITY DATA (Duran, 1986)

-62 LOCATION OF SEISMIC-REFRACTION LINE (P.B. Duran, U.S. Geological Survey, written commun., 1986)--Number is elevation of bedrock at midpoint along line

15-85 -194 WELL LOCATION--Upper number is U.S. Geological Survey well number (see table 3). Lower number is altitude of the top surface of the lower Paleozoic and Precambrian metamorphic and igneous rocks, in feet above or below sea level (see table 2)

SCALE 1:48 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

7b.--CONFIGURATION OF THE BEDROCK SURFACE IN THE REGION OF GREENWICH TOWNSHIP, GLOUCESTER COUNTY, NEW JERSEY.