



EXPLANATION

Approximate area underlain by material of low permeability in the upper part of the upper Pleistocene deposits

Water-table contour
Shows altitude of water table in main body of glacial outwash sand and gravel. Dashed where uncertain or questionable. Contour interval 5 feet. Datum is mean sea level

Ground-water divide

Approximate boundary of area contributing ground water to stream above the indicated point

Well
s indicates Suffolk County and numbers were assigned by New York State Water Power and Control Commission in chronological order. Wells are listed in a table with U.S. Geological Survey. Not all wells within the boundaries of Brookhaven National Laboratory are shown. See plates 3 and 4 for all wells within the Brookhaven National Laboratory boundaries

Observation point
c indicates Carmans River and p indicates Peconic River. The code numbers indicate surface water stages listed in table with U.S. Geological Survey

Note: sections A-A', B-B', C-C', D-D', and E-E' shown on figure 8

APPROXIMATE MEAN
DECLINATION, 1960

MAP SHOWING WATER-TABLE CONTOURS, AUGUST 29-31, 1951, DURING A PERIOD
OF AVERAGE WATER LEVELS, UPTON AREA, SUFFOLK COUNTY, NEW YORK

SCALE 1:48 000

