



EXPLANATION

Public Supply or Industrial well
Identification and pumping rate given in table 1.

Observation well
Identification and water-level decline given in table 2.

Hypothetical well
Used in the simulation model to estimate the amount of water that could be withdrawn from the valley-fill aquifer.

Boundary of Pleistocene valley fills
dashed where inferred

COLUMNS

17 18

ROWS

29

30

Model grid

Shows location of well in row 29, column 18.

SCALE 1:24,000

0 1/2 1 MILE
0 0.5 1.0 1.5 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Base from U.S. Geological Survey, 1:24,000 quadrangle maps:
Caldwell, 1954, Chatham, 1955, Morristown, 1954 revised as of 1970, and Roselle, 1955.

Plate I.--Map of study area showing Pleistocene valley fills, wells, and model grid.