PLATE 1

# MAP OF THE PIEDMONT AREA OF BALTIMORE COUNTY

## SHOWING WELLS WHOSE REPORTED YIELDS ARE

## 17 GPM OR GREATER AND 2 GPM OR LESS

SCALE

1/2 0 1/2 1 2 3 4 Miles

1/2 0 1/2 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Numbered ticks indicate the 10,000 foot Maryland State Grid
The last three digits of the grid numbers are omitted
*Datum is mean sea level*

SHERWOOD AREA
46 percent of wells yield less than 2 gpm

AREA NORTH OF GREEN SPRING VALLEY
38 percent of wells yield less than 2 gpm

GREEN SPRING VALLEY
6 percent of wells yield less than 2 gpm
34 percent of wells yield more than 16 gpm

GLENARM VALLEY
6 percent of wells yield less than 2 gpm
30 percent of wells yield more than 16 gpm

AREA UNDERLAIN BY GABBRO
41 percent of wells yield less than 2 gpm
5 percent of wells yield more than 16 gpm

## EXPLANATION

### GEOLOGY

- Outcrop area of Cockeysville Marble
- Outcrop and subcrop area of Baltimore Gabbro (patches of alluvium and Coastal Plain deposits not shown)

### GROUND—WATER AVAILABILITY

- Well yielding 2 gpm or less (at least 1 standard deviation below the mean of 9 gpm
- Well yielding 17 gpm or more (at least 1 standard deviation above the mean of 9 gpm
- Areas having a high concentration of wells yielding 17 gpm or more
- Areas having a high concentration of wells yielding 2 gpm or less

Base map from Maryland Geological Survey

(890 000 FEET EAST)

(480 000 FEET NORTH)

Williams & Heintz Map Corporation, Washington 27, D.C.