EXPLANATION

- Alluvial deposits of Quaternary age
- Terrace deposits of Tertiary(?) age
- Diabase dikes and sills of Triassic age
- Shale, siltstone, and sandstone of Triassic age
- Phyllite of early Paleozoic age, with schistose and quartzose zones

FAULT
U Upthrown side
D Downthrown side
Dashed where approximately located

1 ½ 0 1 MILE
1000 0 1000 3000 5000 7000 FEET
SCALE

EXPLANATION

- 33 ● Sampled well, with number
- S2 ▲ Sampled stream, with number
- 7.0 pH at time of sampling
- 88h Hardness (mg/L as $CaCO_3$)

Geology modified from A.J.Froelich, 1975, and K.Y.Lee, 1977

39°15'
39°10'
39°05'
77°30'
77°25'
77°20'

Figure 18. — Distribution of hardness and pH of water in western Montgomery County.