

- EXPLANATION**
Note: Well symbols may be combined on map
- Well, drilled
 - Well, driven
 - Well, dug
 - Well, water-level observation
 - Well, chemical analysis available
 - Well, log available
 - Well, chemical analysis and log available
 - Well, radial collector
 - Test boring or sounding

| TYPE OF PUMP | YIELD |
|--------------|-----------|
| Hand | Estimated |
| Power | Reported |
| None | Measured |

- Aquifer, if bedrock of Devonian (Dv), Silurian (Sl) or Ordovician (Or) age. If water is from both bedrock and Quaternary alluvium (Qa), the Qa symbol is shown.
- Depth to water, in feet below land surface
- Month and year of water-level measurement
- Key number for specific capacity, transmissibility, and permeability given in table below
- Yield of well, in gallons per minute
- When yield is unknown, type of pump is given
- Depth of well, in feet below land surface
- Bedrock altitude, in feet above mean sea level

| Key number | Specific capacity of well (gpm/ft drawdown) | Duration of drawdown test (hrs) | Transmissibility (gpd/ft) | Permeability (gpd/sq ft) | Depth of permeability sample (ft) | Remarks |
|------------|---|---------------------------------|---------------------------|--------------------------|-----------------------------------|----------------------------|
| (1) | | | | 975 | 25-105 | Median of 16 samples |
| (2) | | | | 800 | 30-130 | Median of 17 samples |
| (3) | | | | 290 | 25-102 | Median of 16 samples |
| (4) | | | | 320 | 25-100 | Median of 14 samples |
| (5) | | | | 1,700 | 25-75 | Median of 10 samples |
| (6) | | | | 450 | 20-100 | Median of 16 samples |
| (7) | | | | 180 | 20-91.6 | Median of 14 samples |
| (8) | | | | 360 | 20-101 | Median of 17 samples |
| (9) | | | | 260 | 25-104.5 | Median of 16 samples |
| (10) | | | | 330 | 20-92.4 | Median of 16 samples |
| (11) | | | | | | Storage coefficient 0.0003 |
| (12) | | | | 250 | 25-98.5 | Median of 15 samples |
| (13) | | | | 320 | 30-85 | Median of 11 samples |
| (14) | | | | 120 | 30-94 | Median of 13 samples |
| (15) | | | | 300 | 20-85 | Median of 13 samples |
| (16) | | | | 700 | 25-90 | Median of 12 samples |
| (17) | | | | 625 | 45-105 | Median of 12 samples |
| (18) | | | | | | Specific yield 16 percent |
| (19) | | | | | | Specific yield 22 percent |
| (20) | | | | | | Specific yield 18 percent |
| (21) | | | | | | |
| (22) | | | | | | |
| (23) | | | | | | Rock well. At 230 gpm |
| (24) | | | | | | At 222 gpm |
| (25) | | | | | | At 505-510 gpm |

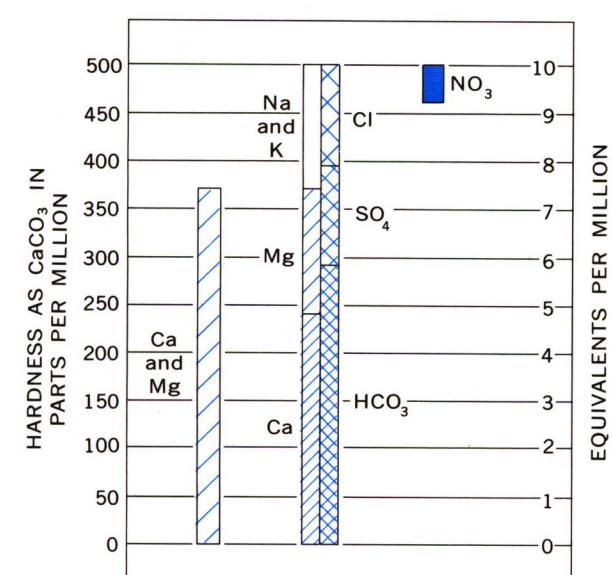
* Median of 65 other wells in the alluvium whose specific capacities range from 5 to 500 gpm/ft drawdown
* Median of 9 other wells in bedrock beneath the alluvium whose specific capacities range from 5 to 288 gpm/ft drawdown

MAP SYMBOLS

- Qao Quaternary alluvium of Ohio Valley
- Qat Quaternary alluvium of tributary valley
- DSr Bedrock of Devonian or Silurian age

- Geologic contact
- Dashed where approximate
- Contour on bedrock
- Dashed where approximate; contour interval 10 feet; datum is mean sea level

CHEMICAL ANALYSES



Hardness is read only to top of magnesium or sum of calcium and magnesium. When amount of nitrate is less than 10 parts per million (0.161 equivalents) it is reported as chloride