



EXPLANATION

- 47 Test hole
- 96 Private well
- Numbers indicate the amount of dissolved sulfate in water samples in milligrams per liter
- Area of the Dakota aquifer

- 1000 — Contour line
- Line of equal dissolved solids in water from the Dakota aquifer.
- Interval 500 milligrams per liter

SCALE 1:500,000



National Geodetic Vertical Datum of 1929

**DISTRIBUTION OF DISSOLVED SULFATE IN
WATER FROM THE DAKOTA AQUIFER IN NORTHWEST IOWA**