UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES INVESTIGATIONS 83-4093
PLATE 3

EXPLANATION

UPLIFT AREA--Madison Limestone of Mississippian age or older rocks exposed at land surface

WELLS

- Montana
- South Dakota
- Wyoming

Well number and value

— 10 — LINE OF EQUAL CLORIDE CONCENTRATIONS--Dashed where inferred. Interval, in miligrams per liter, is variable

MAP SHOWINING CHLORIDE CONCENTRATION OF WATER IN THE MADISON AQUIFER SYSTEM, EASTERN MONTANA, WESTERN SOUTH DAKOTA , AND NORTHEARTERN WYOMING