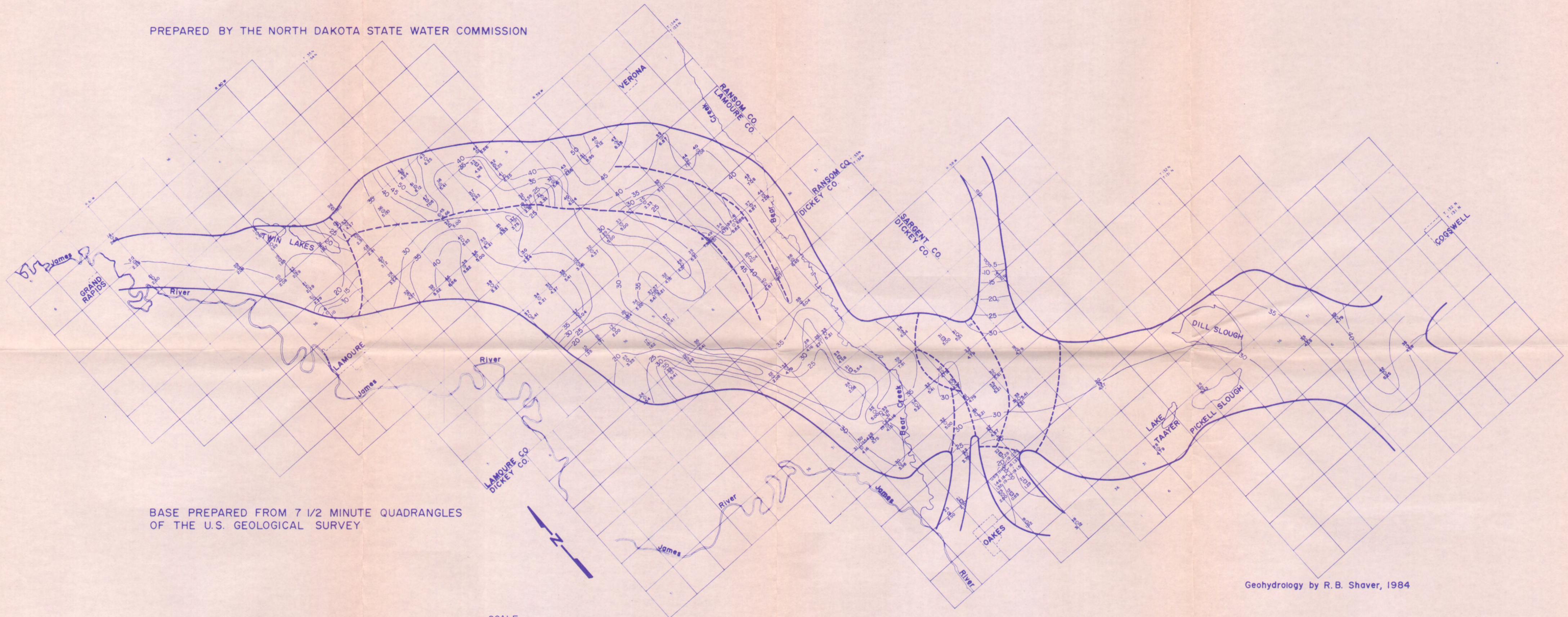
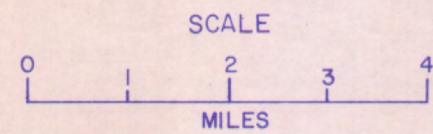


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



BASE PREPARED FROM 7 1/2 MINUTE QUADRANGLES OF THE U.S. GEOLOGICAL SURVEY

Geohydrology by R. B. Shaver, 1984



EXPLANATION

- | | | | |
|------|---|-------|----------------------------|
| 23 | PERCENT SULFATE | — | AQUIFER BOUNDARY |
| ○ | STATE WATER COMMISSION OBSERVATION WELL | - - - | LOW TRANSMISSIVITY BARRIER |
| 2.50 | PERCENT SULFATE IN E.P.M. | | |
| ○ | DOMESTIC OR STOCK WELL | | |
| ⊠ | IRRIGATION WELL | | |
| ~25~ | LINE OF EQUAL PERCENT SULFATE | | |
| | Contour Interval = 10 Percent | | |

PLATE 18.-MAP SHOWING AREAL DISTRIBUTION OF SULFATE IONS, IN PERCENTAGE OF TOTAL ANIONS, IN THE SPIRITWOOD AQUIFER