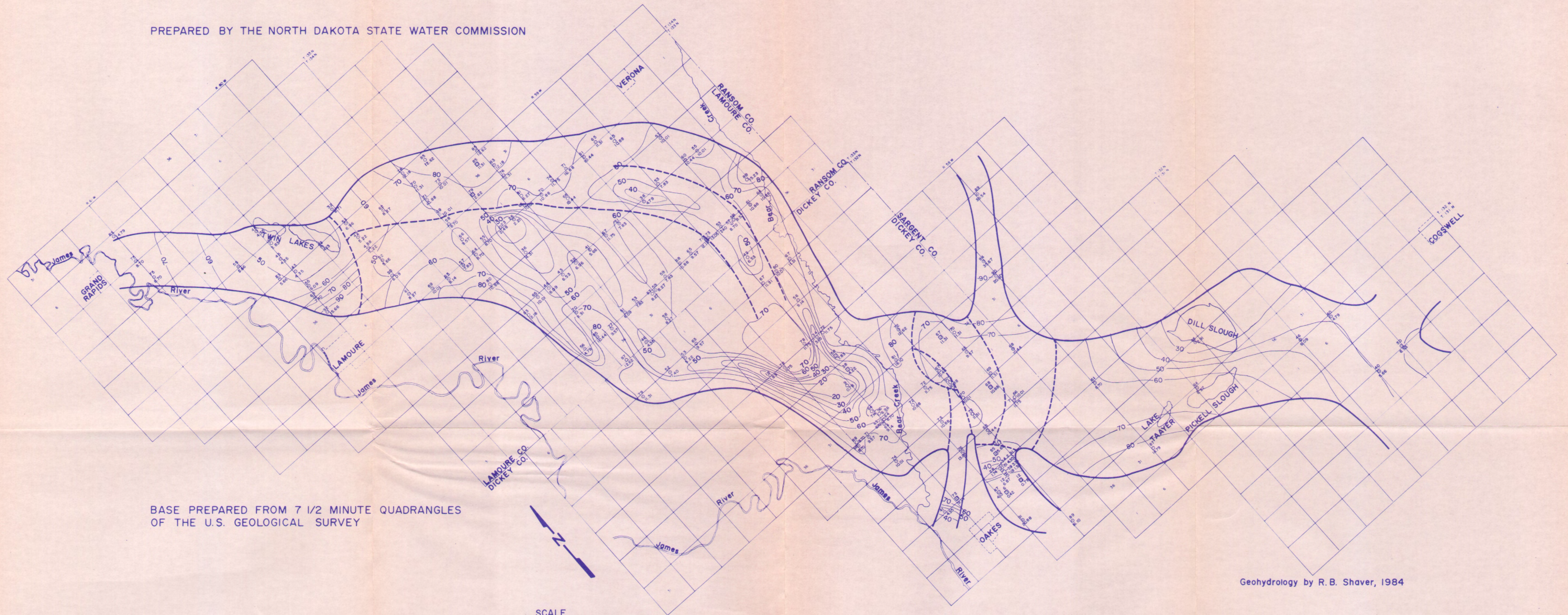
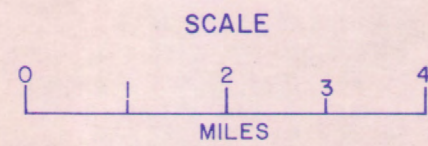


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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



Geohydrology by R. B. Shaver, 1984

EXPLANATION

- 59 PERCENT SODIUM
- STATE WATER COMMISSION OBSERVATION WELL
- 7.83 SODIUM CONCENTRATION IN E.P.M.
- DOMESTIC OR STOCK WELL
- ⊠ IRRIGATION WELL
- 10- LINE OF EQUAL PERCENT SODIUM CONCENTRATION
Contour Interval = 10 Percent
- AQUIFER BOUNDARY
- - - - LOW TRANSMISSIVITY BARRIER

PLATE 16.-MAP SHOWING AREAL DISTRIBUTION OF SODIUM IONS, IN PERCENTAGE OF TOTAL CATIONS, IN THE SPIRITWOOD AQUIFER