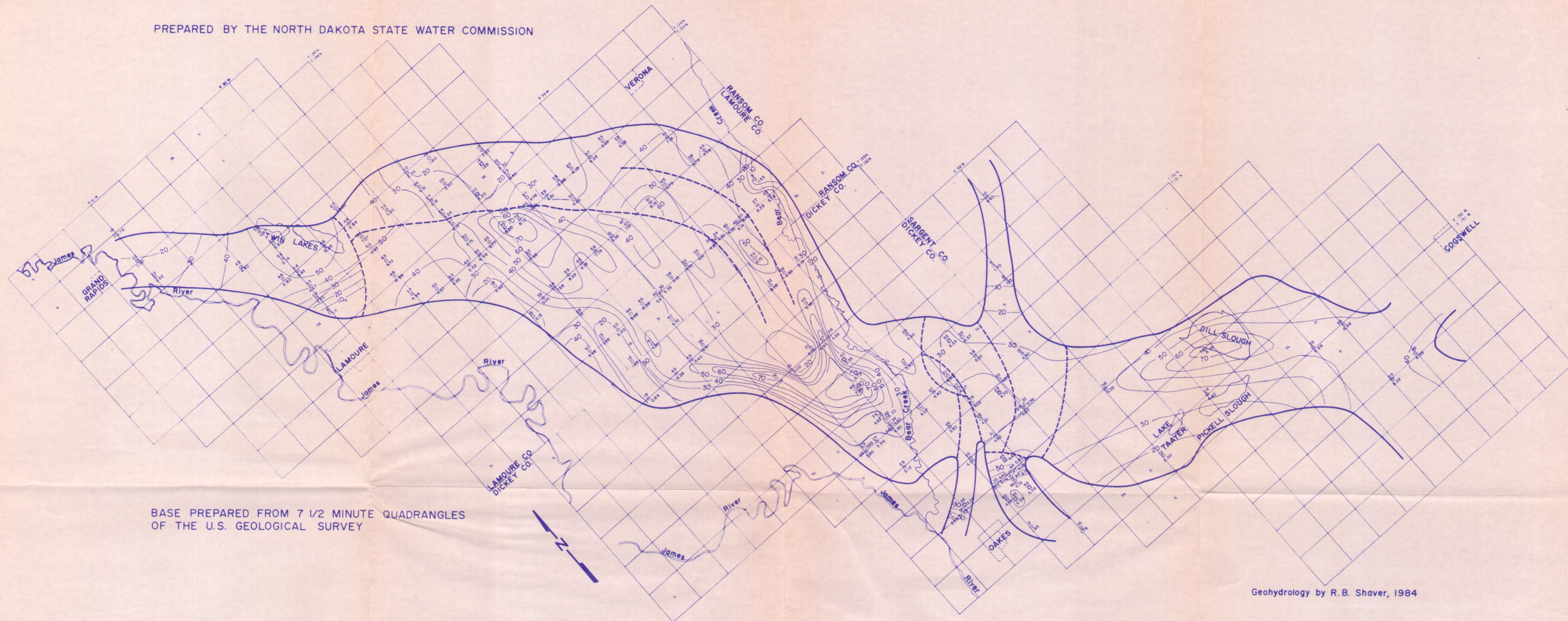
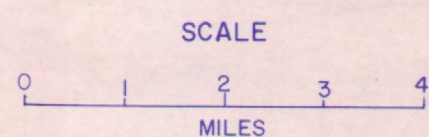


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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

Geohydrology by R. B. Shaver, 1984



EXPLANATION

- 45 - PERCENT CALCIUM + MAGNESIUM
- STATE WATER COMMISSION OBSERVATION WELL
- 6.79 - CALCIUM + MAGNESIUM CONCENTRATION IN E.P.M.
- DOMESTIC OR STOCK WELL
- ⊠ IRRIGATION WELL
- 10 — LINE OF EQUAL PERCENT CALCIUM + MAGNESIUM CONCENTRATION Contour Interval = 10 Percent
- AQUIFER BOUNDARY
- - - LOW TRANSMISSIVITY BARRIER

PLATE 15.-MAP SHOWING AREAL DISTRIBUTION OF CALCIUM + MAGNESIUM IONS, IN PERCENTAGE OF TOTAL CATIONS, IN THE SPIRITWOOD AQUIFER