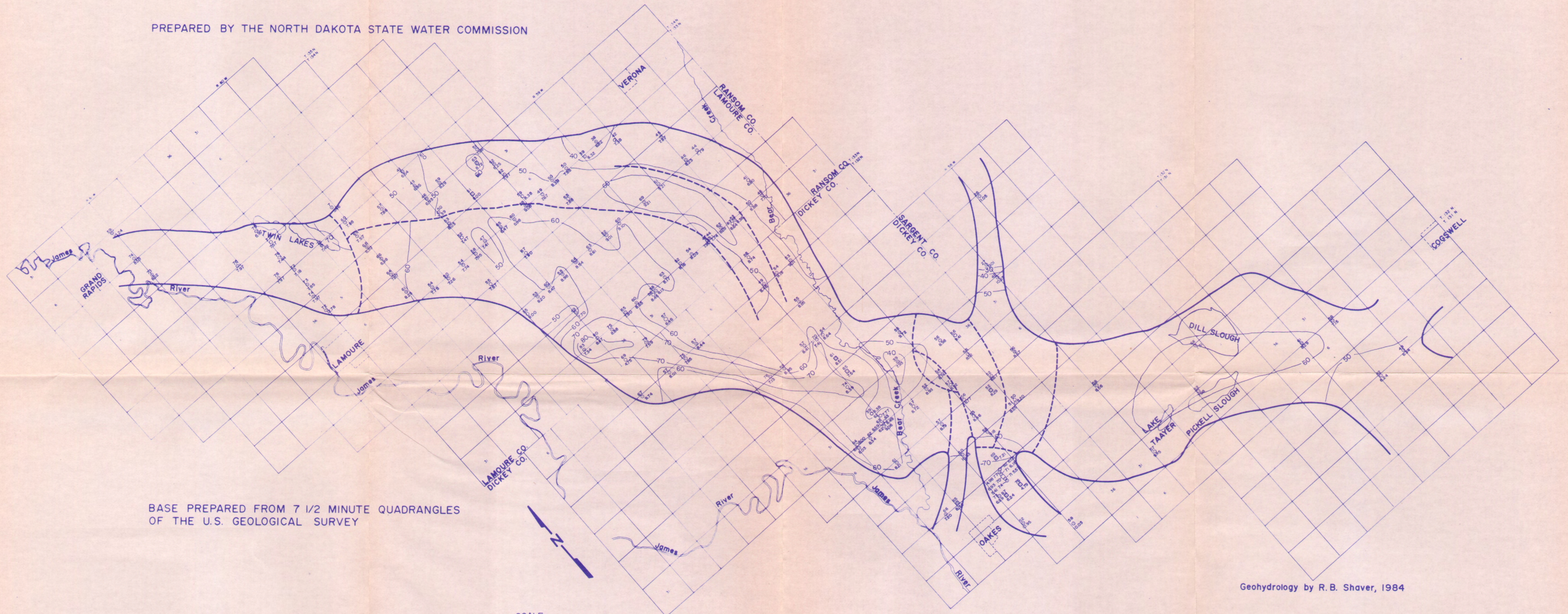
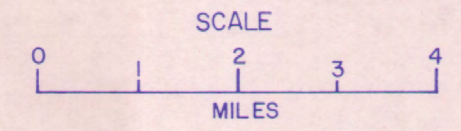


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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

Geohydrology by R. B. Shaver, 1984



EXPLANATION

- 63 PERCENT BICARBONATE + CARBONATE
- STATE WATER COMMISSION OBSERVATION WELL
- 8.21 PERCENT BICARBONATE + CARBONATE IN E.P.M.
- DOMESTIC OR STOCK WELL
- ⊠ IRRIGATION WELL
- ~60~ LINE OF EQUAL PERCENT BICARBONATE + CARBONATE
Contour Interval = 10 Percent
- AQUIFER BOUNDARY
- - - - - LOW TRANSMISSIVITY BARRIER

PLATE 17.-MAP SHOWING AREAL DISTRIBUTION OF BICARBONATE + CARBONATE IONS, IN PERCENTAGE OF TOTAL ANIONS, IN THE SPIRITWOOD AQUIFER