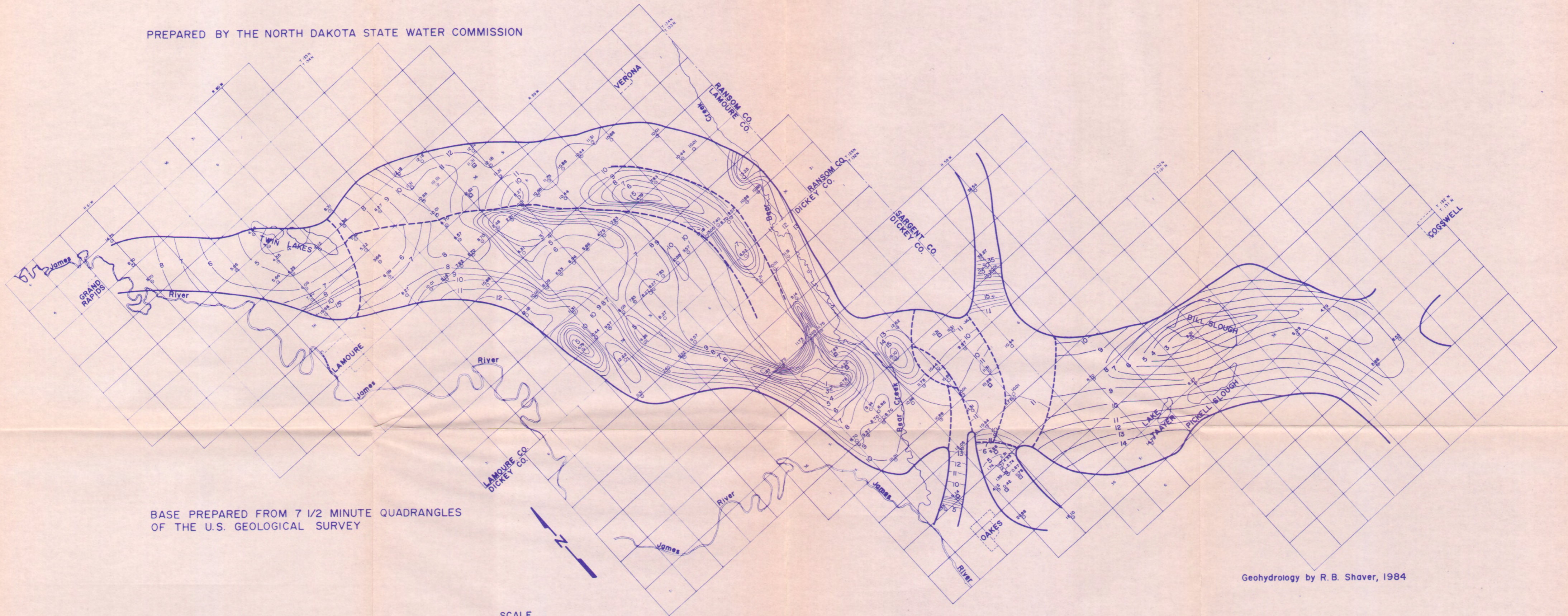
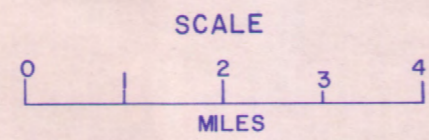
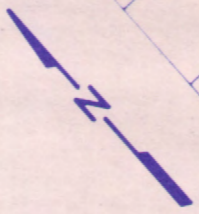


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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



Geohydrology by R. B. Shaver, 1984

EXPLANATION

- 6.53 SODIUM CONCENTRATION IN E.P.M.
- ⊙ STATE WATER COMMISSION OBSERVATION WELL
- DOMESTIC OR STOCK WELL
- ⊠ IRRIGATION WELL
- 5— LINE OF EQUAL SODIUM CONCENTRATION Contour Interval = 1 E.P.M.
- AQUIFER BOUNDARY
- - - - - LOW TRANSMISSIVITY BARRIER

E.P.M.	PPM
1	23
5	115
10	230
15	345
20	460
25	575

PLATE II.-MAP SHOWING AREAL DISTRIBUTION OF SODIUM IN THE SPIRITWOOD AQUIFER