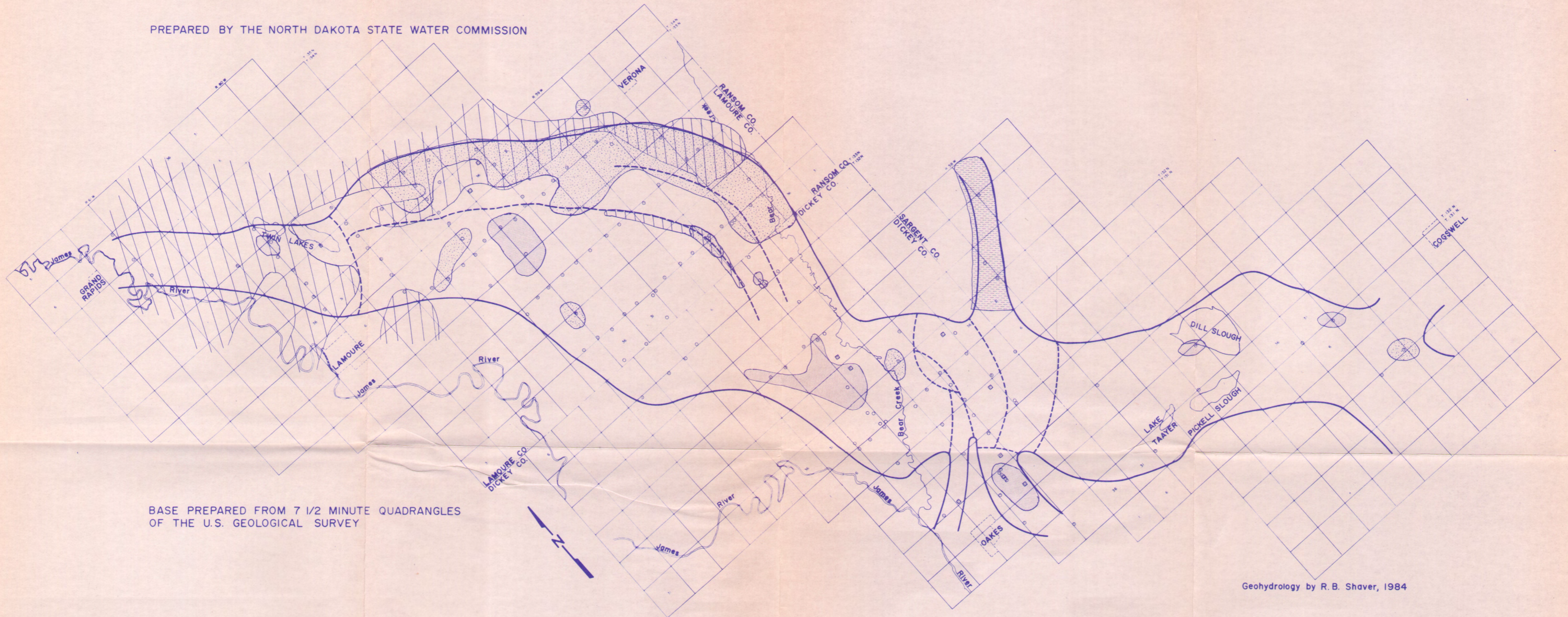
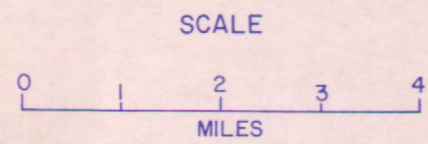


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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

Geohydrology by R. B. Shaver, 1984



- EXPLANATION
- STATE WATER COMMISSION OBSERVATION WELL
 - DOMESTIC OR STOCK WELL
 - IRRIGATION WELL
 - ▨ SUBCROP OF PIERRE FORMATION
 - ▩ CATEGORY 1, GROUP 2
 - CATEGORY 2
 - ▤ CATEGORY 3, GROUPS 1 & 2
 - ▥ CATEGORY 4, GROUP 2
 - AQUIFER BOUNDARY
 - - - LOW TRANSMISSIVITY BARRIER

PLATE 8.-MAP SHOWING AREAL DISTRIBUTION OF CHEMICAL FACIES IN THE SPIRITWOOD AQUIFER