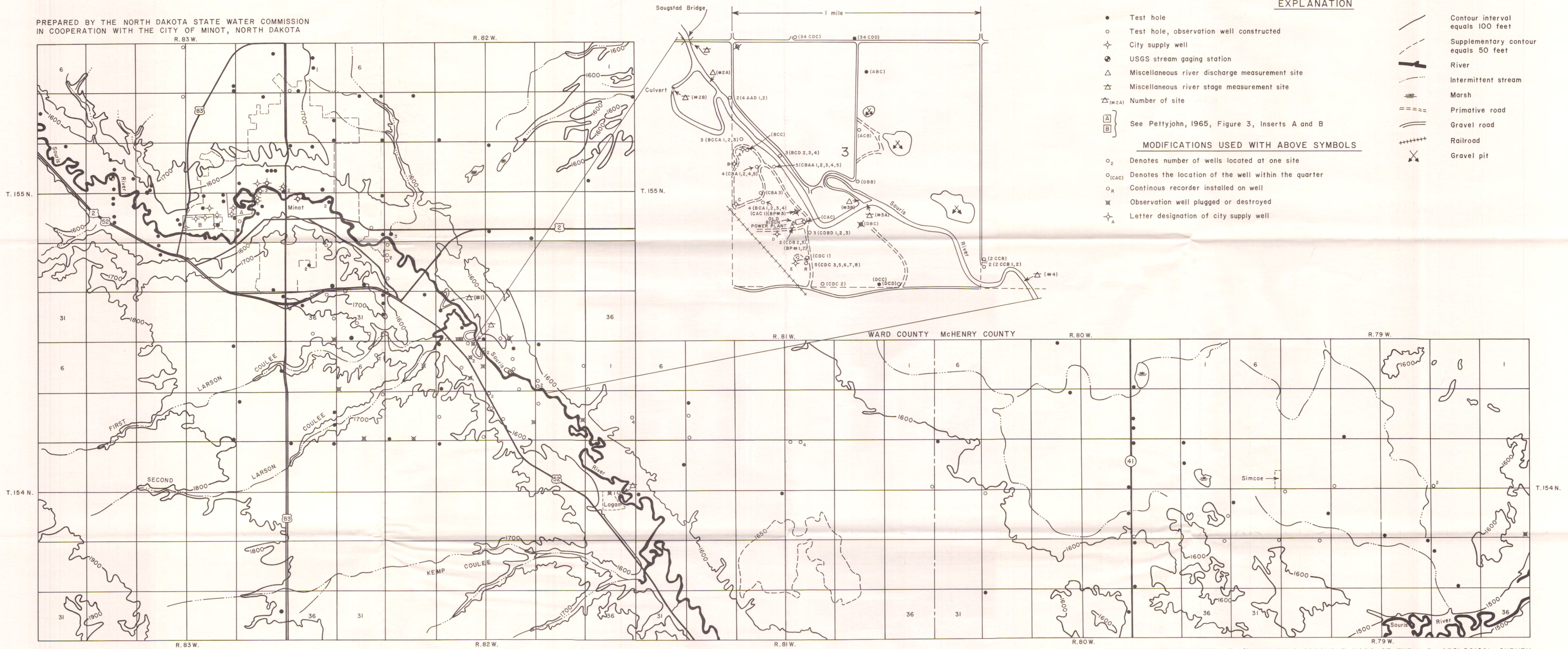


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION
IN COOPERATION WITH THE CITY OF MINOT, NORTH DAKOTA

EXPLANATION

- Test hole
 - Test hole, observation well constructed
 - ⊕ City supply well
 - ⊙ USGS stream gaging station
 - △ Miscellaneous river discharge measurement site
 - ⚡ Miscellaneous river stage measurement site
 - ⚡ (#2A) Number of site
 - [A] See Pettyjohn, 1965, Figure 3, Inserts A and B
 - [B]
- MODIFICATIONS USED WITH ABOVE SYMBOLS**
- ₂ Denotes number of wells located at one site
 - _(CAC) Denotes the location of the well within the quarter
 - _R Continuous recorder installed on well
 - ⊗ Observation well plugged or destroyed
 - ⊕_A Letter designation of city supply well
- Contour interval equals 100 feet
 - - - Supplementary contour equals 50 feet
 - River
 - · - Intermittent stream
 - ▨ Marsh
 - ≡≡≡ Primitive road
 - Gravel road
 - ++++ Railroad
 - ⊗ Gravel pit



BASE MAP PREPARED FROM 7 1/2 MINUTE QUADRANGLE MAPS OF THE U.S. GEOLOGICAL SURVEY

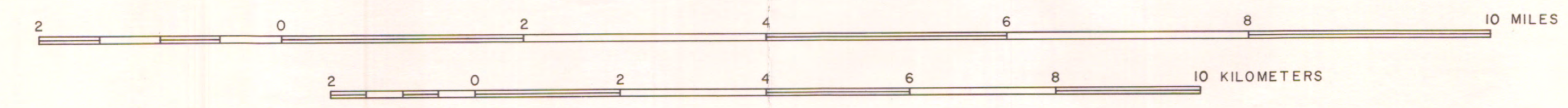


PLATE I. MAP SHOWING LAND SURFACE TOPOGRAPHY, LOCATION OF TEST HOLES, OBSERVATION WELLS, STREAM GAGING SITES AND RELATED FEATURES IN THE SUNDRE AQUIFER SYSTEM STUDY AREA
WARD AND McHENRY COUNTIES, NORTH DAKOTA