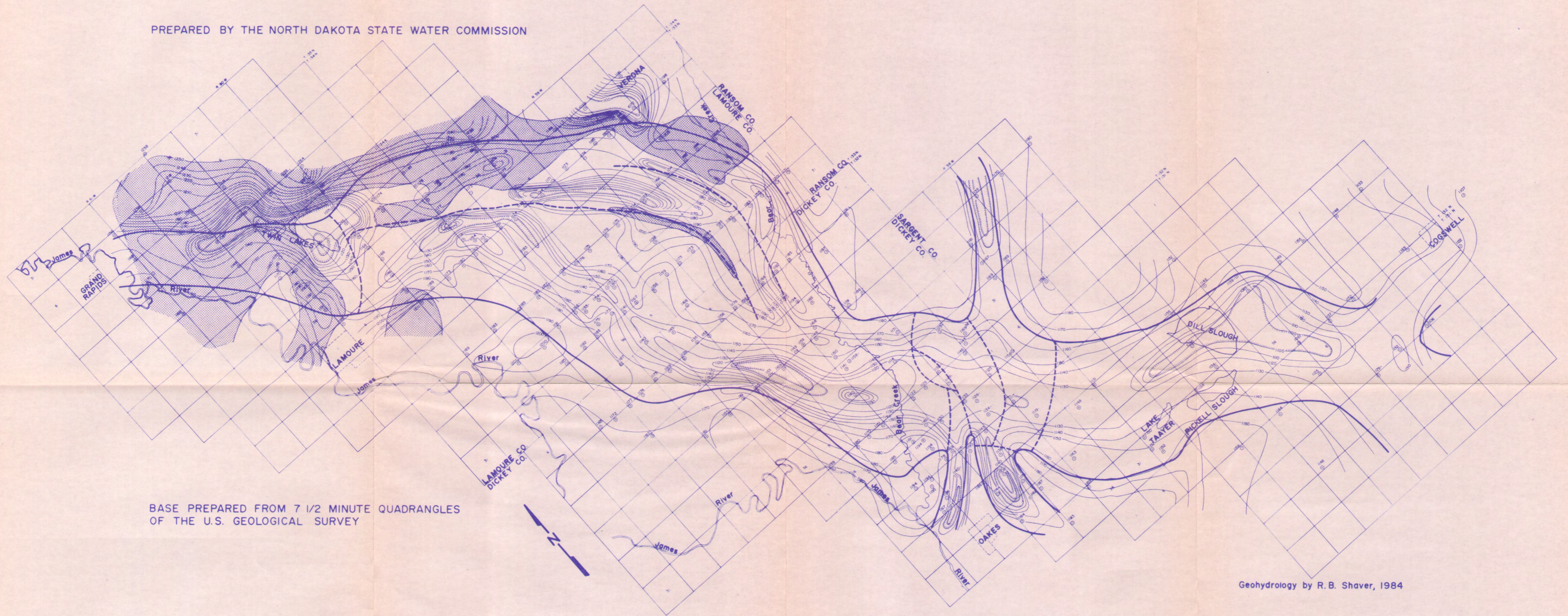


PREPARED BY THE NORTH DAKOTA STATE WATER COMMISSION



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

Geohydrology by R. B. Shaver, 1984

EXPLANATION

- 1140 TOP OF BEDROCK SURFACE IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929
- TEST HOLE
- ~1140~ LINE OF EQUAL ELEVATION OF TOP OF BEDROCK SURFACE
- PIERRE SHALE
- NIOBRARA SHALE
- AQUIFER BOUNDARY
- - - - - LOW TRANSMISSIVITY BARRIER

PLATE 2.-MAP SHOWING THE CONFIGURATION OF THE BEDROCK SURFACE