

EXPLANATION

- TEST HOLE
- ▲ BEDROCK OUTCROP—Number is altitude of bedrock surface. Datum is mean sea level
- BEDROCK CONTOURS—Shows altitude of bedrock surface. Interval 50 feet (15 m). Datum is mean sea level
- DEPRESSION CONTOURS

BASE PREPARED FROM NORTH DAKOTA STATE HIGHWAY DEPARTMENT COUNTY HIGHWAY MAPS

Geology modified from Carlson and Frens (1975)



PLATE 1.—MAP SHOWING BEDROCK TOPOGRAPHY OF BENSON AND PIERCE COUNTIES, NORTH DAKOTA

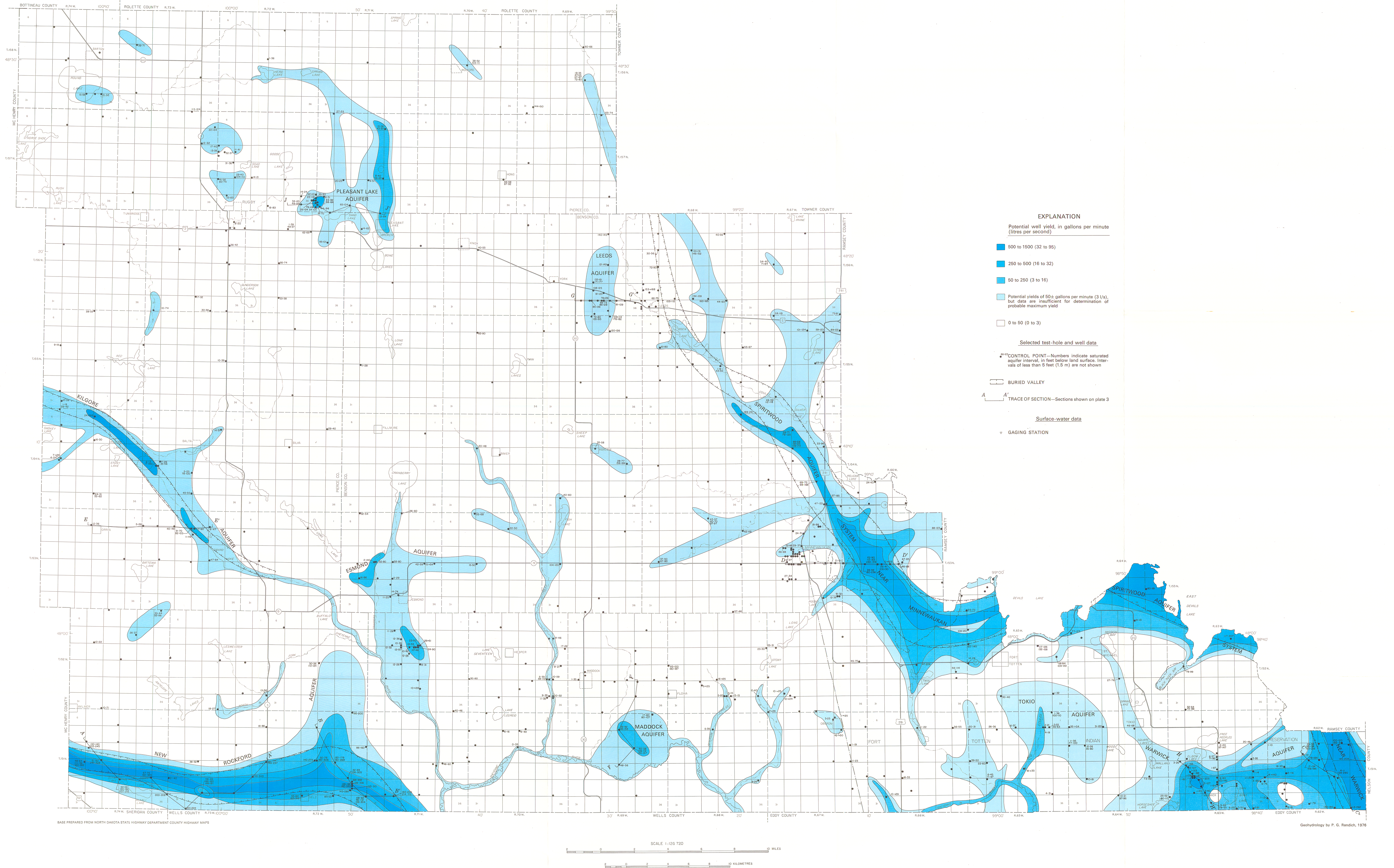
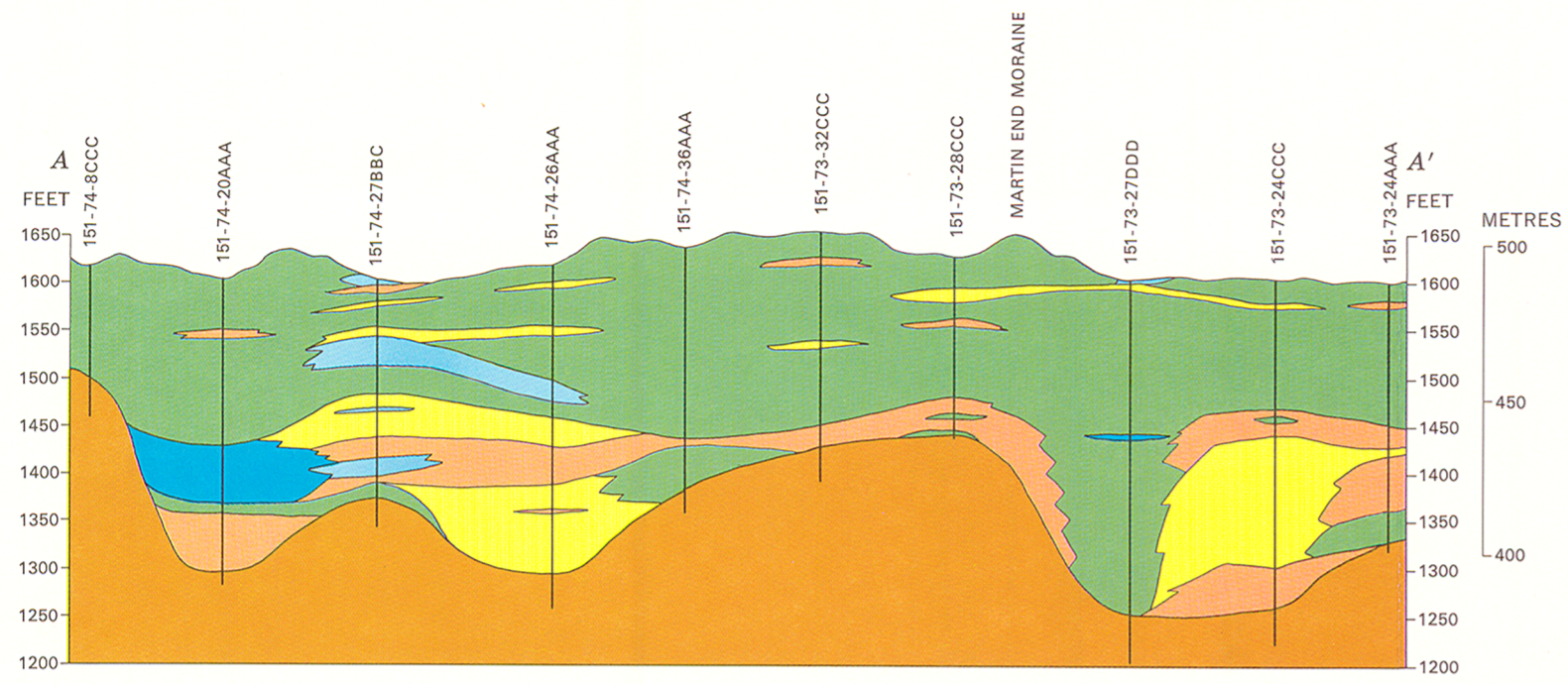
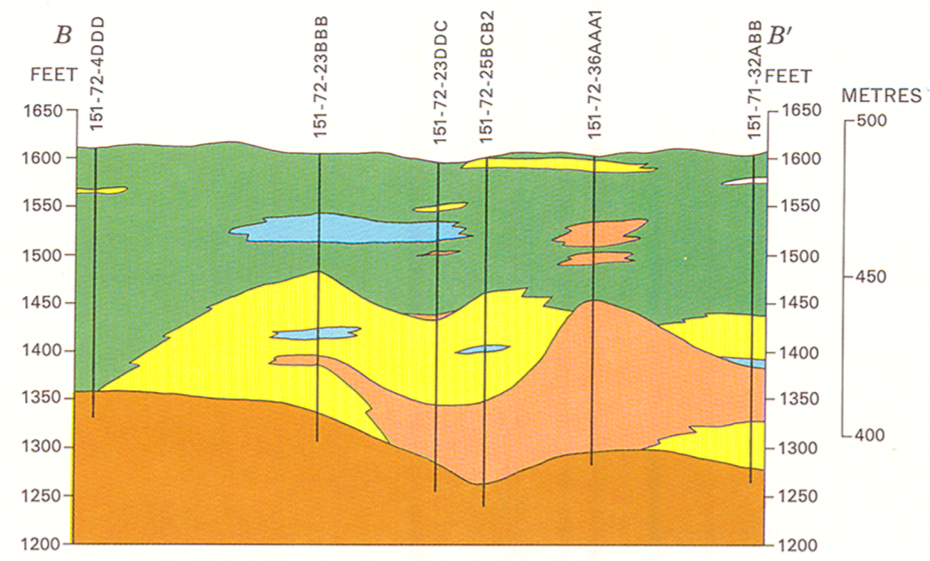


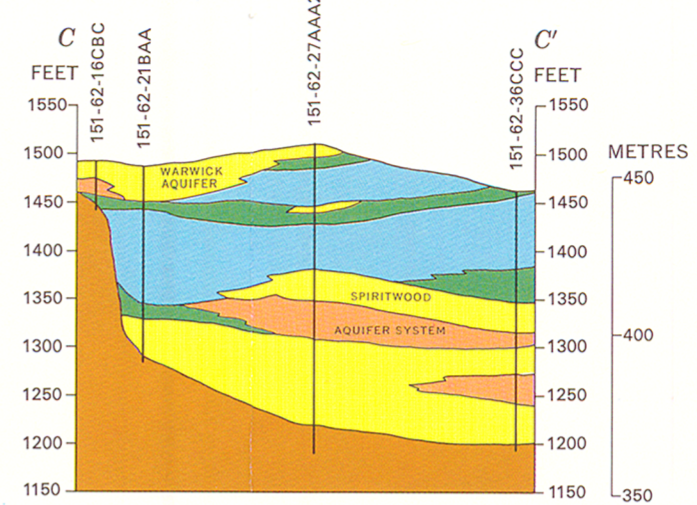
PLATE 2.—MAP SHOWING AVAILABILITY OF GROUND WATER FROM MAJOR GLACIAL-DRIFT AQUIFERS IN BENSON AND PIERCE COUNTIES, NORTH DAKOTA



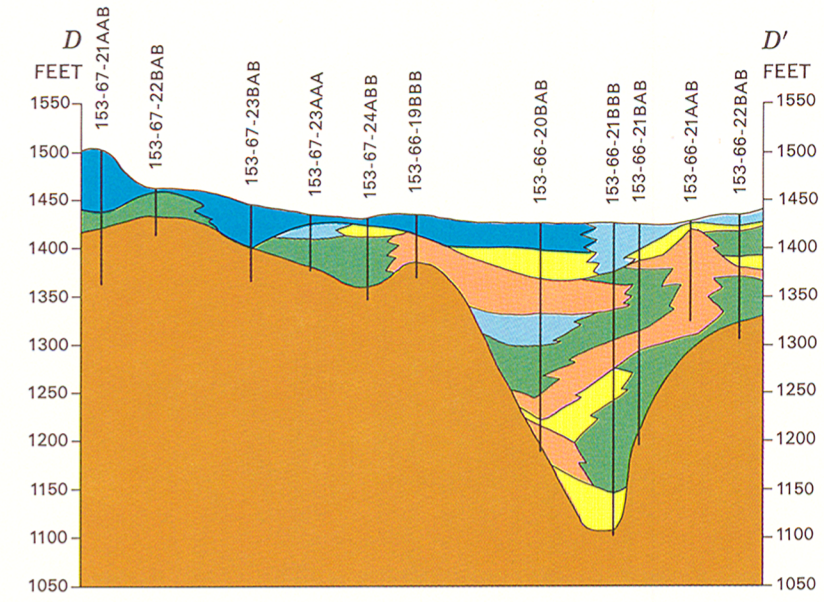
NEW ROCKFORD AQUIFER IN SOUTHWESTERN PIERCE COUNTY



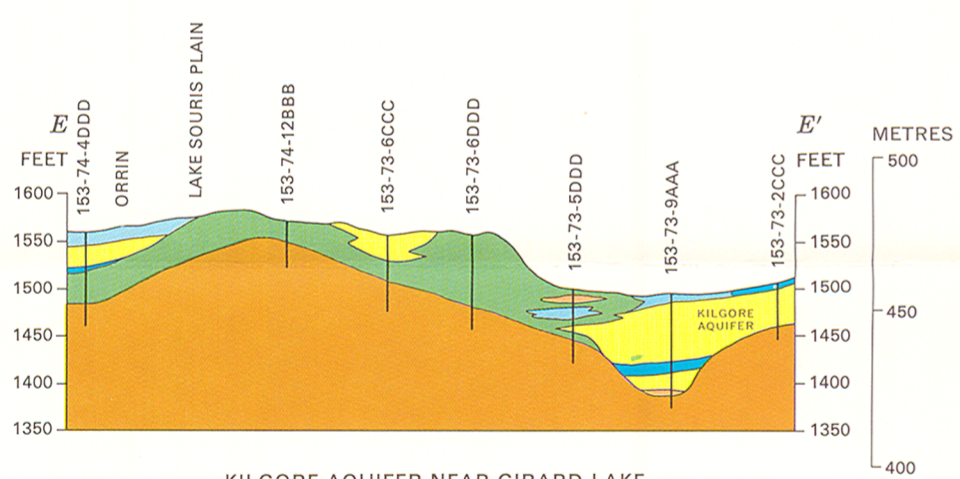
NEW ROCKFORD AQUIFER NEAR SELZ



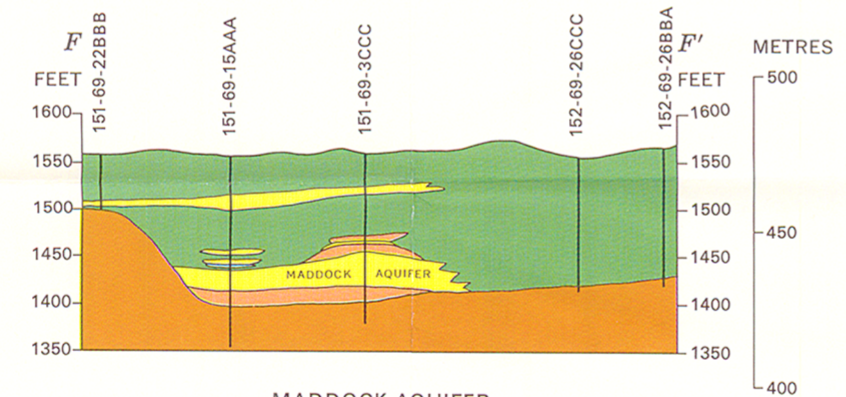
WARWICK AQUIFER OVERLYING THE SPIRITWOOD AQUIFER SYSTEM NEAR WARWICK



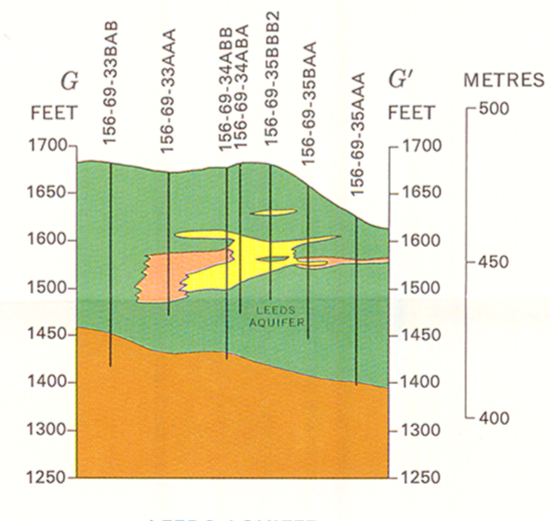
SPIRITWOOD AQUIFER SYSTEM NEAR MINNEWAUKAN AND GRAHAMS ISLAND



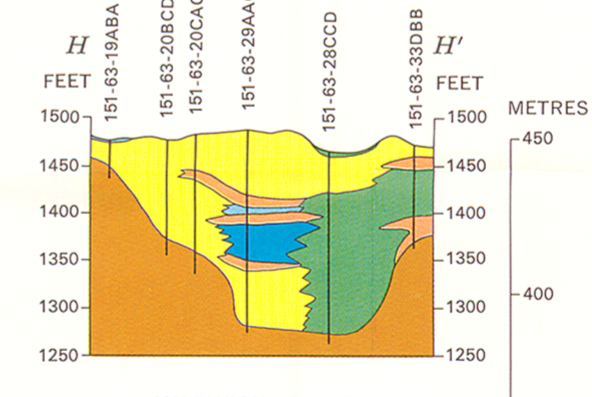
KILGORE AQUIFER NEAR GIRARD LAKE



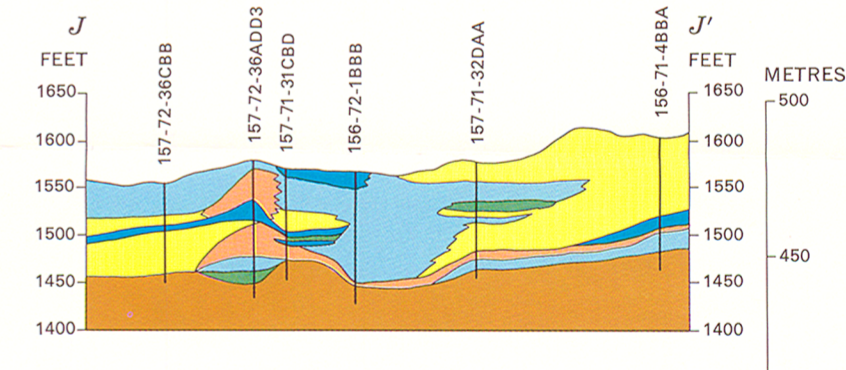
MADDOCK AQUIFER



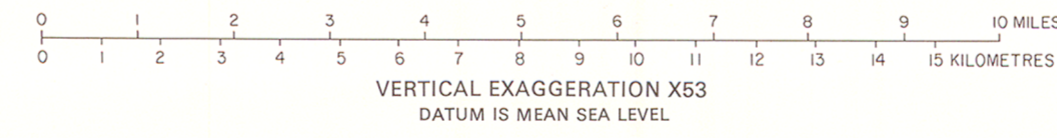
LEEDS AQUIFER



WARWICK AQUIFER



PLEASANT LAKE AQUIFER BETWEEN RUGBY AND PLEASANT LAKE



EXPLANATION

- Sand
- Gravel
- Till
- Clay
- Silt
- Consolidated rock

PLATE 3.—GEOLOGIC SECTIONS OF MAJOR GLACIAL-DRIFT AQUIFERS IN BENSON AND PIERCE COUNTIES, NORTH DAKOTA
(LOCATION OF SECTIONS SHOWN ON PLATE 2.)