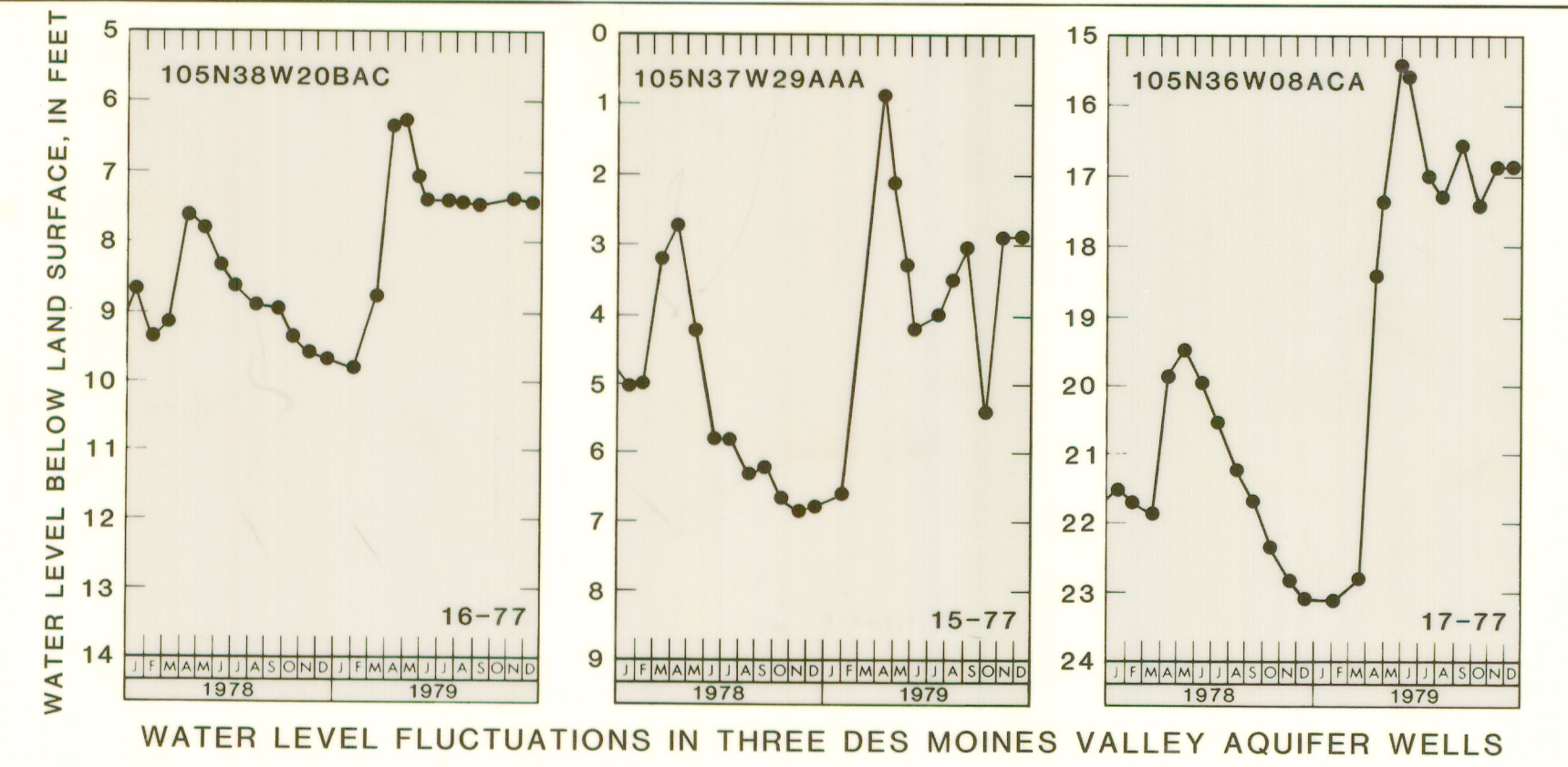


Base from Minnesota Department of Highways
General Highway Map of Cottonwood County, 1980

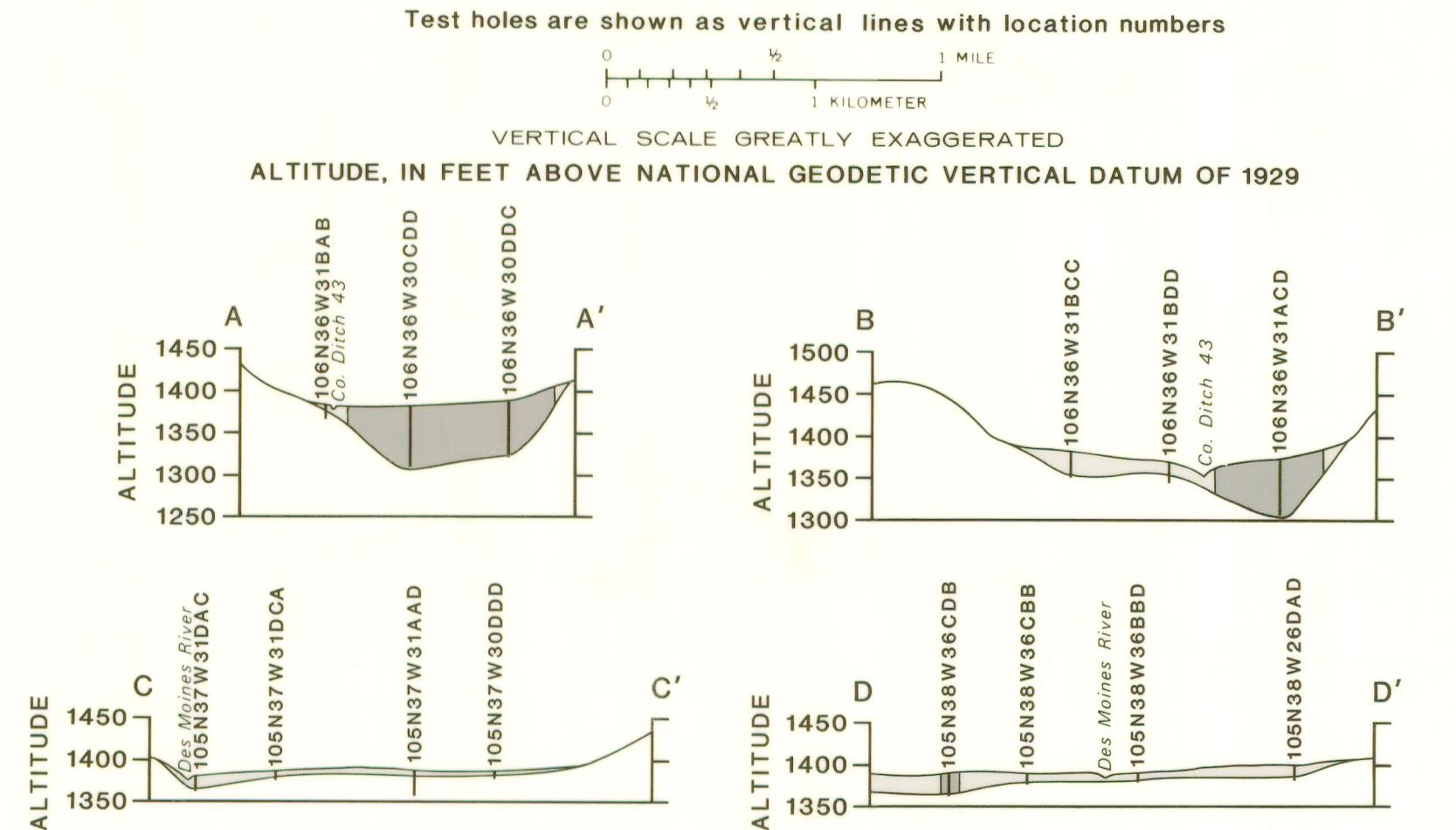


WATER LEVEL FLUCTUATIONS IN THREE DES MOINES VALLEY AQUIFER WELLS

EXPLANATION

- OUTWASH DEPOSITS—Dark gray areas have 20 or more feet of saturated sand and gravel; light gray areas have less than 20 feet of saturated sand and gravel
- BEDROCK AND GLACIAL TILL—Not differentiated on geologic map or geologic sections
- CONTACT
- TEST HOLE—"•" denotes observation well and is accompanied by the location number. "C" denotes chemical sample
- WATER-ANALYSIS PATTERN—Pattern is based on water analyses from indicated observation wells. Concentrations, in milliequivalents per liter, are plotted for calcium (Ca), sodium (Na), magnesium (Mg), bicarbonate (HCO₃), chloride (Cl), and sulfate (SO₄). The larger the area of the pattern the greater the dissolved-solids concentration

GEOLOGIC SECTIONS



DES MOINES VALLEY AQUIFER GEOLOGIC SECTIONS

HYDROGEOLOGY OF THE OUTWASH DEPOSITS IN COTTONWOOD COUNTY, MINNESOTA