HYDROGEOLOGY OF THE OUTWASH DEPOSITS IN LINCOLN COUNTY, MINNESOTA

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—"C" denotes chemical sample.

AQUIFER—TEST WELL—Number denotes transmissivity, in feet squared per day.

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 (SO₄²⁻). The larger the area of the pattern the greater the dissolved-solids concentration.

GEOLOGIC SECTIONS

Test holes are shown as vertical lines with location numbers.

VERTICAL SCALE GREATLY EXAGGERATED

ALTITUDE, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929