



EXPLANATION

Yield in gallons per minute

500 to 1,000

Aquifer consists of well-sorted medium to coarse sand in Sheyenne delta. Depth less than 100 feet. Dissolved solids generally less than 500 ppm

250 to 500

Aquifers consist of well-sorted fine to medium sand in Sheyenne delta and Lake Agassiz beach deposits (Hankinson aquifer), and sand and gravel in surficial outwash deposits (Milnor channel and Brightwood aquifers). Depths generally less than 100 feet. Dissolved solids in Sheyenne delta and Hankinson aquifers less than 500 ppm. Generally 500 to 1,000 ppm elsewhere

50 to 250

Aquifers consist of well-sorted very fine to fine sand in Sheyenne delta and Lake Agassiz beaches (Hankinson aquifer). Depths generally less than 100 feet. Dissolved solids generally less than 550 ppm

50 to 250

Aquifers consist of buried outwash sand and gravel (Fairmount and Colfax aquifers). Depths generally between 100 and 200 feet. Dissolved solids generally between 1,000 and 2,500 ppm

Less than 50

Aquifers consist of minor deposits of sand and gravel scattered throughout the glacial drift at depths ranging from near surface to about 500 feet. Wide range in quality

Area underlain by Dakota Sandstone

Aquifers consist of sand and (or) sandstone ranging in depth from about 200 feet in eastern part of the county to about 900 feet in southwestern part. Yields range from about 50 gpm in eastern part of county to as much as 500 gpm in southwestern part. Dissolved solids generally more than 2,500 ppm. Water is "soft" but high in chloride