

Map Explanation

Water sample and aquifer symbols

Symbol color indicates tritium age of water sample.
See Figure 2 in the report for geologic unit correlation.

Surficial sand

- ns
- hsi
- ◆ is
- Buried sand
- ▲ hsa1
- ◆ hsa2
- ▲ brs1
- ◆ brs1_3
- ✖ brs2
- brs3
- scs
- ◆ mls
- ✚ ebs
- ◆ usw
- ◆ uns
- ◆ unknown

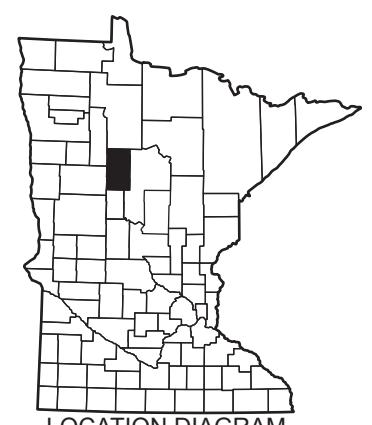
Tritium age

- Modern: water entered the ground since about 1953.
- Mixed: water is a mixture of modern and premodern.
- Mostly premodern: water entered the ground before 1953 but may contain a small amount of modern water.
- Not sampled for tritium.

Symbols and labels

- 27.5 Chloride: if shown, concentration is ≥5 ppm.
(*naturally elevated, 'source unknown; italicized labels indicate source was adjusted)
- 4.16 Arsenic: if shown, concentration is ≥1 ppb.
- 188 Manganese: if shown, concentration is ≥100 ppb.
- 7.57 Nitrate: if shown, concentration is >1 ppm.
- 7500 Carbon-14 (^{14}C): estimated groundwater residence time in years.
- E Groundwater sample with evaporative signature
- Surface-water sample
- A—A' Line of cross section (Part B)
- Body of water

SCALE 1:100 000
1 0 1 2 3 4 5 MILES
1 0 1 2 3 4 5 KILOMETERS



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Base modified from Minnesota Geological Survey, Geologic Atlas of Wadena County, 2016.
Universal Transverse Mercator projection, Zone 15N, North American Datum of 1983. North American Vertical Datum of 1988.

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