**Hydrogeologic Cross Sections**

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2016

Reference report section: Hydrogeologic cross sections

**CROSS SECTION EXPLANATION**

**Tritium age**

Darker color in small vertical rectangle (well screen symbol) indicates tritium age of water sampled in well. The color in the surrounding area indicates interpreted age of water in aquifer.

- Recent: water entered the ground since about 1953 (less than 15 tritium units [TU])
- Vintage: water entered the ground before 1953 (less than or equal to 15 TU)
- Well was not sampled for tritium.

**Symbols and Labels**

- If shown, remote concentration equals or exceeds 5 parts per billion.
- If shown, chloride concentration equals or exceeds 5 parts per million.
- If shown, uranium-234 concentration equals or exceeds 1 part per million.

**Groundwater flow direction**

- General groundwater flow direction (water flows from left to right)

**Aquitards and aquifers grouped by stratigraphy**

- Surficial and ancient deposits
- Bedrock

**Geologic unit code**

- GH: Galena Group
- H: Happ Group
- Jet: Jenora Formation
- P: Potsdam Sandstone
- O: Oneota Dolomite

**Quaternary aquifers**

- Groundwater exists in these aquifers (includes surficial aquifers)

**Groundwater condition**

- Groundwater enters from an existing surficial aquifer to a buried aquifer
- Groundwater discharges from a buried aquifer to surface water
- Groundwater flows laterally
- Groundwater flowpath in unknown (groundwater with recent or mixed tritium age)

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The information is available in alternative formats on request.

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**COUNTY ATLAS SERIES**

**BLUE EARTH COUNTY**

**ATLAS C-26, PART B, PLATE 9 OF**

**HYDROGEOLOGIC CROSS SECTIONS**

**GEOLOGIC ATLAS OF BLUE EARTH COUNTY, MINNESOTA**