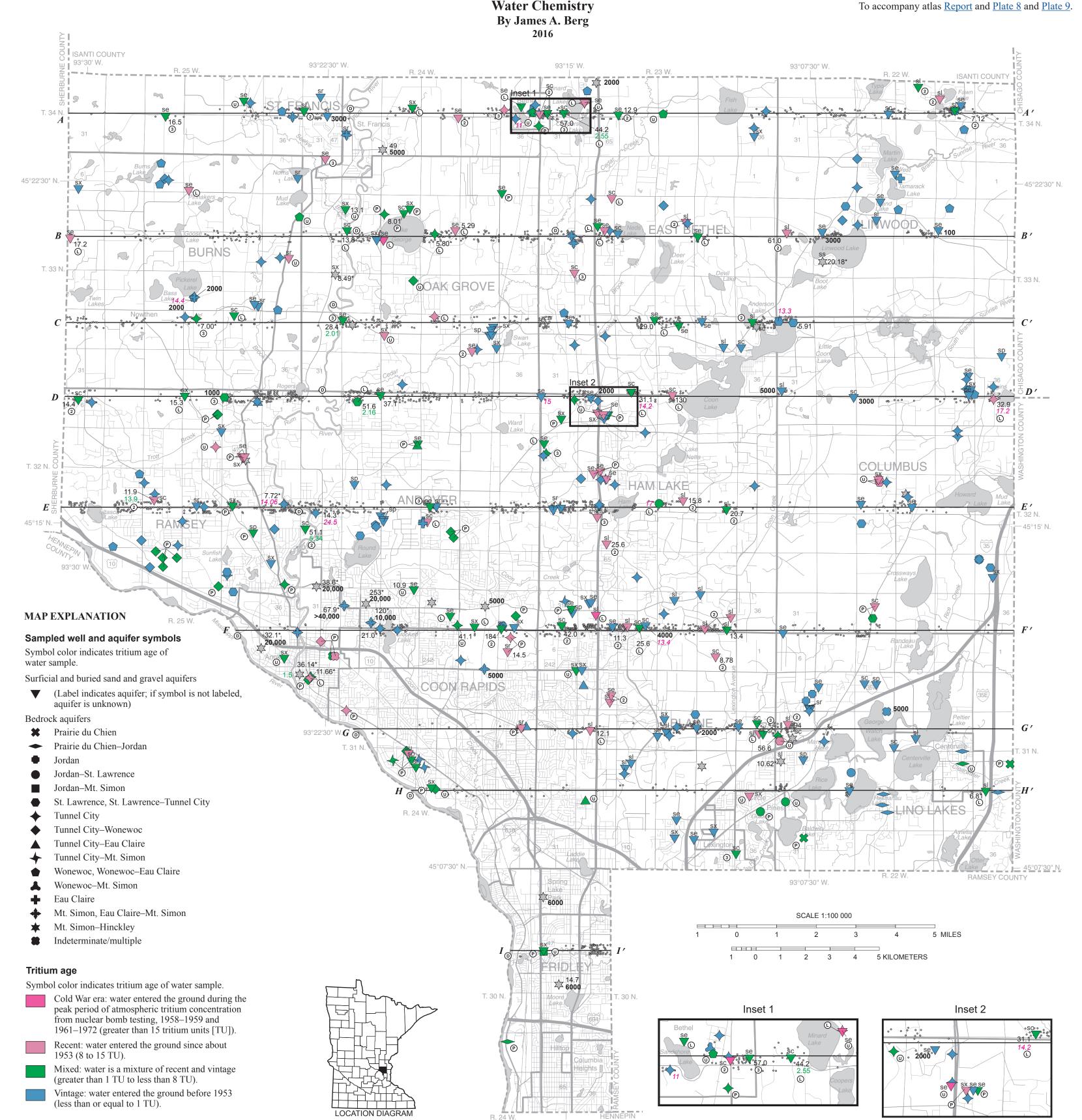
To accompany atlas Report and Plate 8 and Plate 9.



# **Groundwater conditions**

- Groundwater moves from an overlying surficial aquifer to a buried aquifer.
- Groundwater moves from an overlying buried aquifer to an underlying buried aquifer.
- Groundwater flows laterally. Tritium concentrations may be artificially P
- elevated by high capacity pumping.
- Groundwater flowpath is unknown.

# Symbols and labels

- Well used to generate cross section
- 6.4 If shown, chloride concentration equals or exceeds 5 parts per million. (\* indicates naturally elevated values)
- 13.4 If shown, arsenic concentration equals or exceeds 10 parts per billion.
- 6.1 If shown, nitrate-nitrogen concentration equals or exceeds 1 part per million.
- 8000 If shown, groundwater residence time in years as

estimated by carbon-14 (14C) isotope analysis.

**B—B'** Line of cross section

Body of water

## Maps were compiled and generated in a geographic information system (GIS). Digital data products, including chemistry data, are available from the Minnesota Department of Natural Resources (DNR), Ecological and Water Resources Division (mndnr.gov/groundwatermapping).

This map was prepared from publicly available information. Every reasonable effort has been made to ensure the accuracy of the factual data on which this map interpretation is based. However, the DNR does not warrant the accuracy, completeness, or any implied uses of these data. Users may wish to verify critical information; sources include both the references in the report and information on file in the offices of the Minnesota Geological Survey and the DNR. Every effort has been made to ensure the interpretation shown conforms to sound geologic and cartographic principles. This map should not be used to establish legal title, boundaries, or locations

Base modified from Minnesota Geological Survey, Anoka County Geologic Atlas, Part A, 2013. Universal Transverse Mercator projection, zone 15N, North American Datum of 1983. North American Vertical Datum of 1988.

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