STATE OF MINNESOTA DEPARTMENT OF NATURAL RESOURCES ECOLOGICAL AND WATER RESOURCES DIVISION

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COUNTY ATLAS SERIES BLUE EARTH COUNTY ATLAS C-26, PART B, PLATE 9 of 9 Hydrogeologic Cross Sections

Well was not sampled for tritium.

Symbols and labels

13.4 If shown, arsenic concentration equals or

15.8 If shown, chloride concentration equals

1.21 If shown, nitrate-nitrogen concentration equals or exceeds 1 part per million.

15,000 If shown, groundwater residence time in years, estimated by carbon-14 (¹⁴C) isotope analysis

or exceeds 5 parts per million.

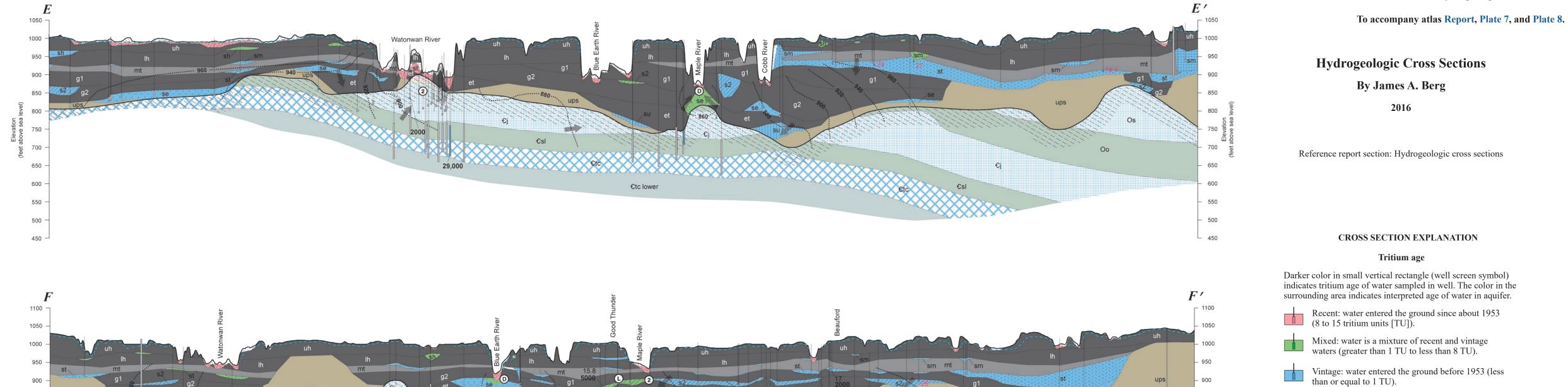
General groundwater flow direction

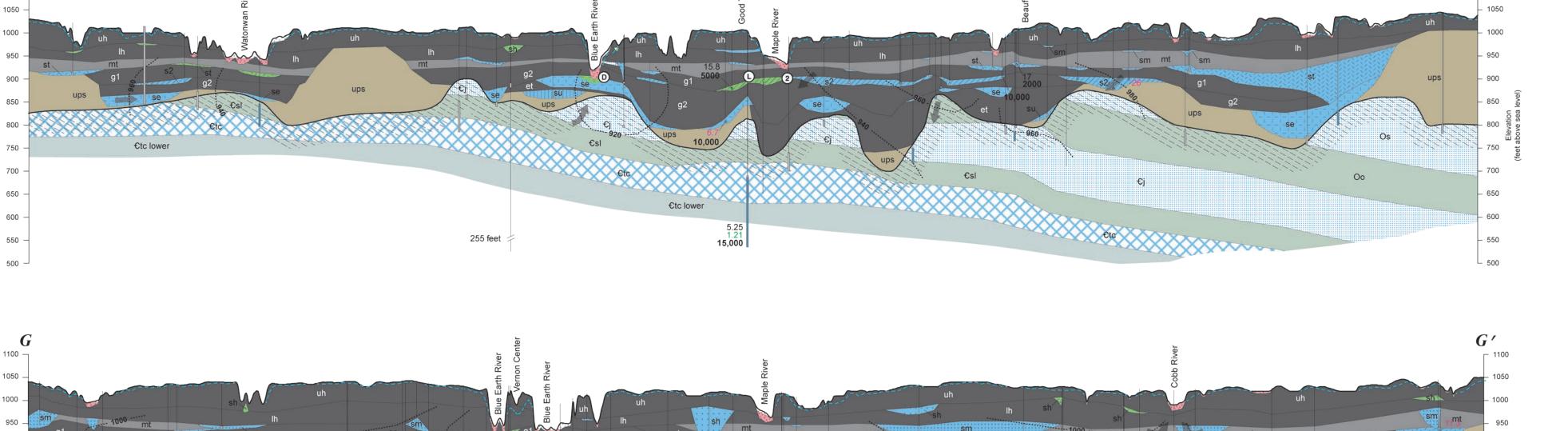
--- 900 ---- Approximate equipotential contour;

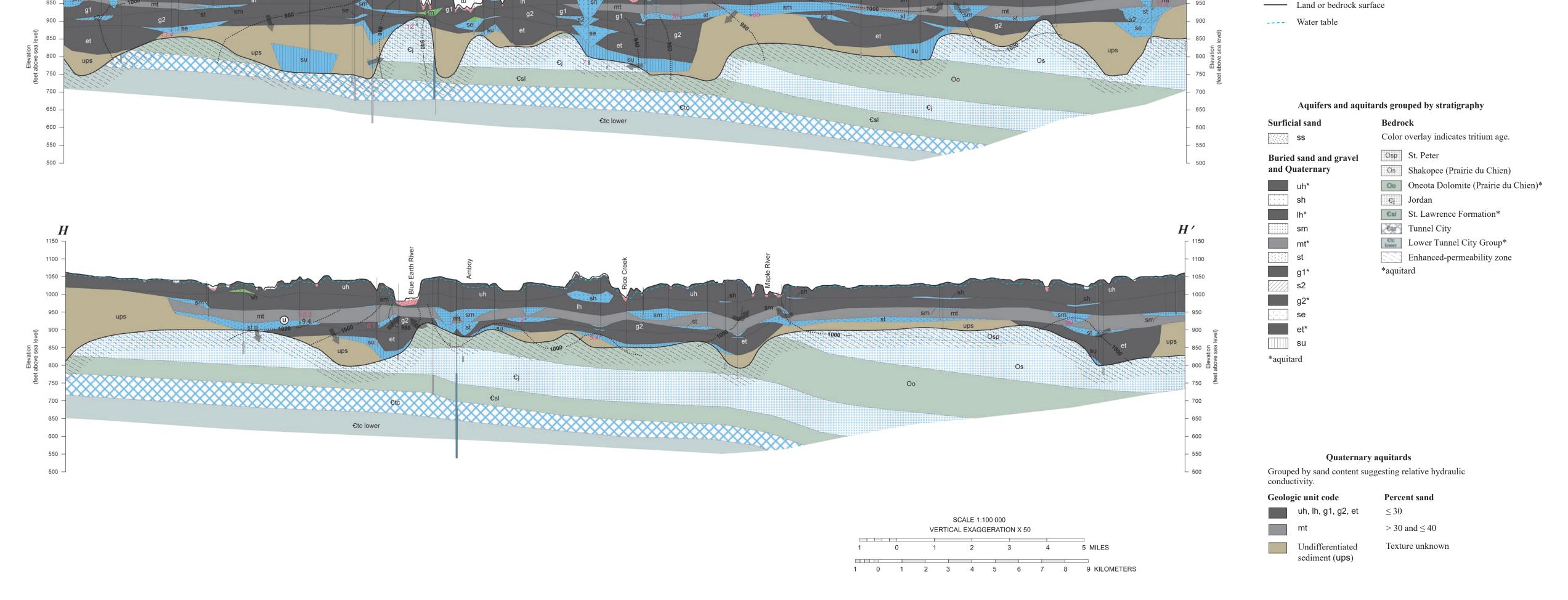
contour interval 20 feet

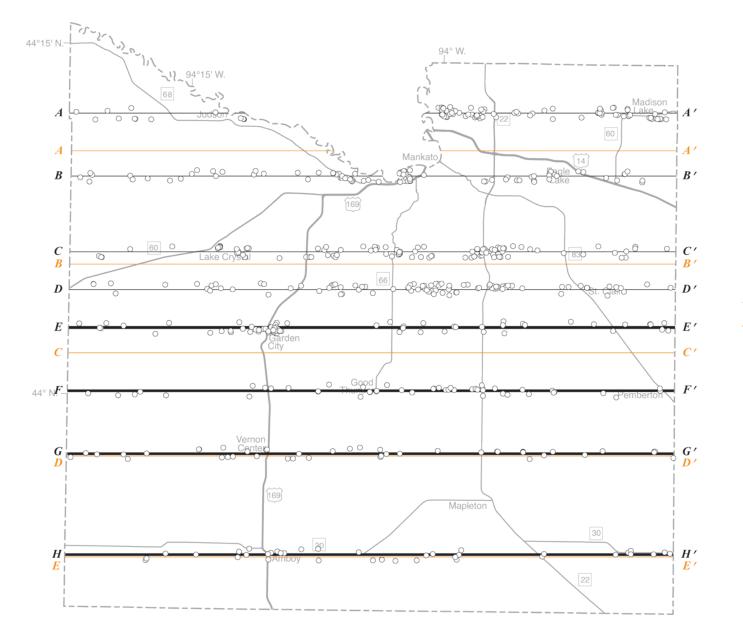
— Geologic contact

exceeds 5 parts per billion.









SCALE 1:300 000

1 0 1 2 3 4 5 MILES

10123456789 KILOMETERS

Symbols

Well used to generate cross section

Groundwater conditions

(Some conditions shown are interpreted and do not correspond to tritium data locations.)

- ② Groundwater moves from an overlying surficial aquifer to a buried aquifer
- **(D)** Groundwater discharge from a buried aquifer to surface water
- Groundwater flows laterally
- (D) Groundwater flowpath is unknown (deep groundwater with recent or mixed tritium age)

F——F' Part B line of cross section shown on this plate F——F' Part B line of cross section not shown on this plate

 $F \longrightarrow F'$ Part A line of cross section



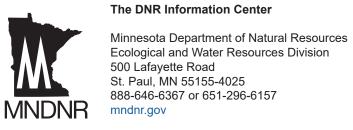
This map was compiled and generated in a
geographic information system (GIS).the M
MinDigital data products, including chemistry
and geophysical data, are available from
the DNR Ecological and Water Resources
Division page (mndnr.gov/groundwater-
mapping).Reso
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This map was prepared from publicly available information only. Every reasonable effort has been made to ensure the accuracy of the factual data on which this map interpretation is based. However, the Department of Natural Resources 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 Minnesota Department of Natural Resources. 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 of improvements.

Base modified from Minnesota Geological Survey, Blue Earth County Geologic Atlas, Part A, 2012.

Universal Transverse Mercator projection, zone 15N, North American Datum of 1983. Vertical datum is mean sea level. GIS and cartography by James A. Berg, Shana Pascal, and Holly Johnson. Edited by Carrie Jennings and Ruth MacDonald.



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This information is available in alternative format on request.

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GEOLOGIC ATLAS OF BLUE EARTH COUNTY, MINNESOTA