First Occurrence of Aquifer Materials in the Sioux Falls, South Dakota, Metropolitan Growth Area

State of South Dakota
M. Michael Rounds, Governor

T. 101 N.

Lincoln County

R. 51 W.

0 0.5 1 1.5 2 Kilometers

R. 50 W.

T. 102 N.

South Dakota Geological Survey Derric L. Iles, State Geologist

R. 48 W.

Minnehaha County

Lincoln County

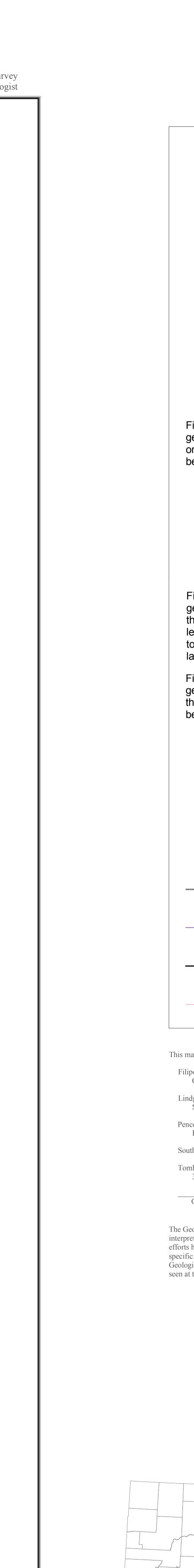
T. 102 N.

R. 48 W.

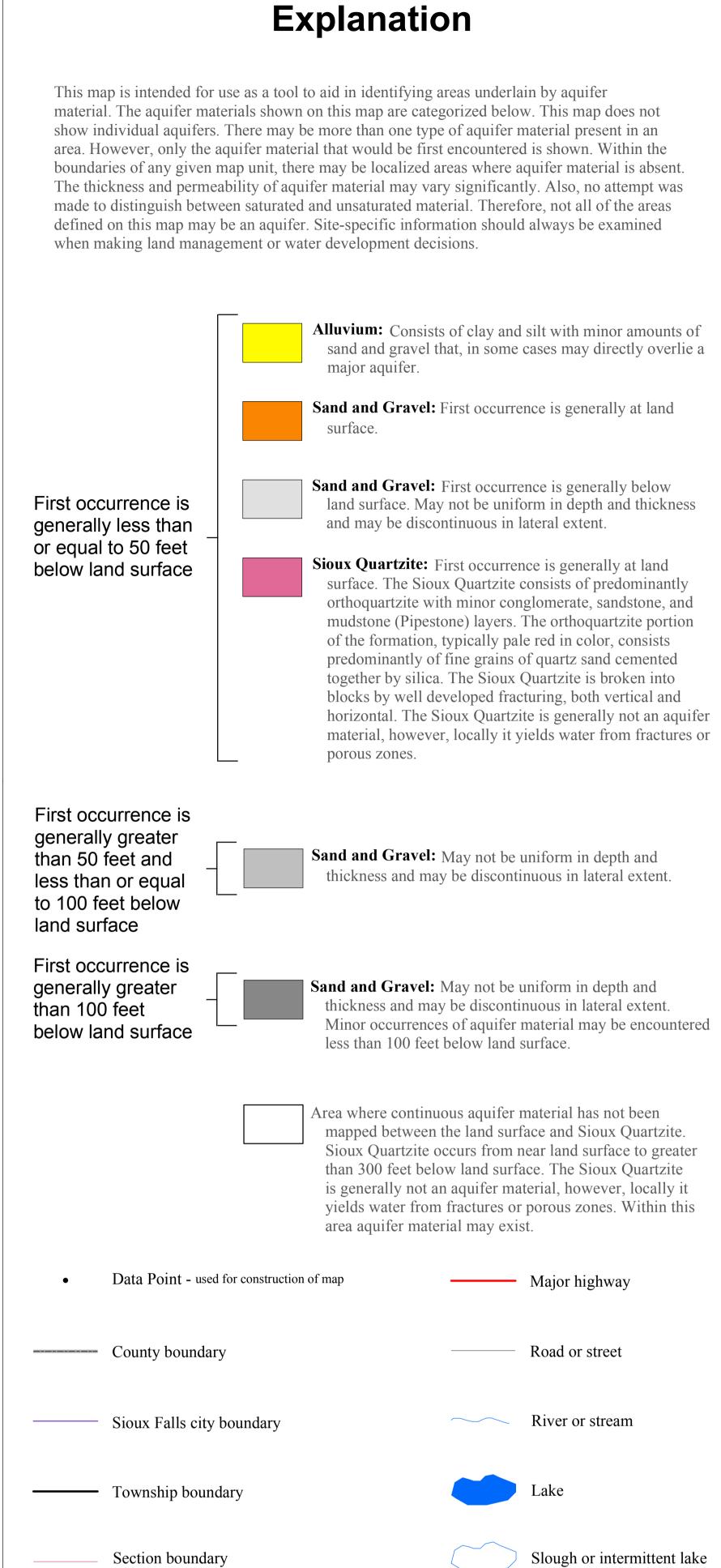
T. 101 N.

Minnehaha County, SD

Lyon County, IA



Department of Environment and Natural Resources Division of Financial and Technical Assistance Geological Survey Aquifer Materials Map 23 Dennis W. Tomhave, 2006



This map was developed from lithologic logs and published reports. The major sources of information were:

Filipovic, D., and Pence, S.F., 2001, *The Wall Lake aquifer study:* South Dakota Geological Survey Open-File Report 88-UR, 69 p.

Lindgren, R., and Niehus, C.A., 1992, *Water resources of Minnehaha County, South Dakota:* U.S. Geological Survey Water Resources Investigations Report 91-4101, 80 p.

Pence, S.F., 1997, Summary of the Split Rock Creek aquifer study: South Dakota Geological Survey Open-File Report 87-UR, 169 p.

South Dakota Geological Survey, Lithologic logs database.

Tomhave, D.W., 1994, *Geology of Minnehaha County, South Dakota:* South Dakota Geological Survey Bulletin 37, 53 p.

____2001, First occurence of aquifer materials in Minnehaha County, South Dakota: South Dakota Geological Survey Aquifer Materials Map 9, scale 1:100,000.

The Geological Survey, Department of Environment and Natural Resources, engages in an ongoing data collection and interpretation process. An outcome of that process is to reflect those interpretations on maps such as this one. Reasonable efforts have been made to ensure that this map accurately reflects the source data used in its preparation. This map is date specific. As additional data become available, geologic interpretations may be revised and the map may be updated by the Geological Survey. This map should not be enlarged or otherwise used in an attempt to interpret more detail than can be seen at the 1:24,000 scale.

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