## UNCONSOLIDATED AQUIFER SYSTEMS OF JENNINGS COUNTY, INDIANA

Five unconsolidated aquifer systems have been mapped in Jennings County: the Dissected Till and Residuum; Alluvial, Lacustrine, and Backwater Deposits; the Buried Valley; the New Castle / Muscatatuck Plateau / Scottsburg Lowland Till Aquifer Subsystem; and the White River and Tributaries Outwash. The first system includes relatively thin deposits left by continental ice sheets as well as eroded residuum (a product of bedrock weathering). The next four systems comprise sediments deposited by, or resulting from, glaciers, glacial meltwaters, and post-glacial precipitation events. Boundaries of these aquifer systems are commonly gradational and individual aquifers may extend across aquifer system boundaries.



county. Unconsolidated materials of this aquifer system predominantly consist of thin, eroded bedrock residuum and pre-Wisconsin tills. Some Wisconsin age tills are also present in the relatively thin deposits of alluvium and colluvium. Total thickness of this system in the county



Aquifer Systems Map 15-A

T. 9 N.

R. 9 E. R. 10 E

T. 9 N.

T. 8 N.









