

## **Potentiometric Surface Base Map for Scott County, Indiana**

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Scott County is located in southeastern Indiana, and is bounded by the counties of Jackson, Jennings, Jefferson, Clark, and Washington to the northwest, northeast, east, south and west, respectively. The majority of the county lies within the East Fork White River Basin, with portions of the southeast, south-central and southwest situated in the Ohio River Basin.

Scott County has very limited groundwater resources as the bedrock is generally composed of unproductive shales and siltstones. In small areas of the county, limestone of limited productivity is exposed at the surface. The unconsolidated deposits in the county are typically thin, generally consisting of clay or silt. The thickness of the permeable sand and/or gravel zones (where present) are typically less than five feet. There are few options for groundwater supply in Scott County and most domestic users get water from public water utilities (where available), cisterns, ponds or have water hauled to the site.

In Scott County there are currently only thirteen water wells with static water-levels on file for the county. Nine of the wells are bedrock and are widely spaced and isolated from one another. The four unconsolidated wells with static water-levels are tightly clustered and concentrated in and around Scottsburg. Therefore, the bedrock and unconsolidated potentiometric surface maps could not be reliably produced due to insufficient quantity and/or spatial distribution of the water well data.