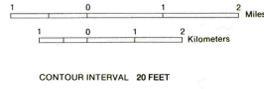


Ground-Water Resources of ADAMS COUNTY

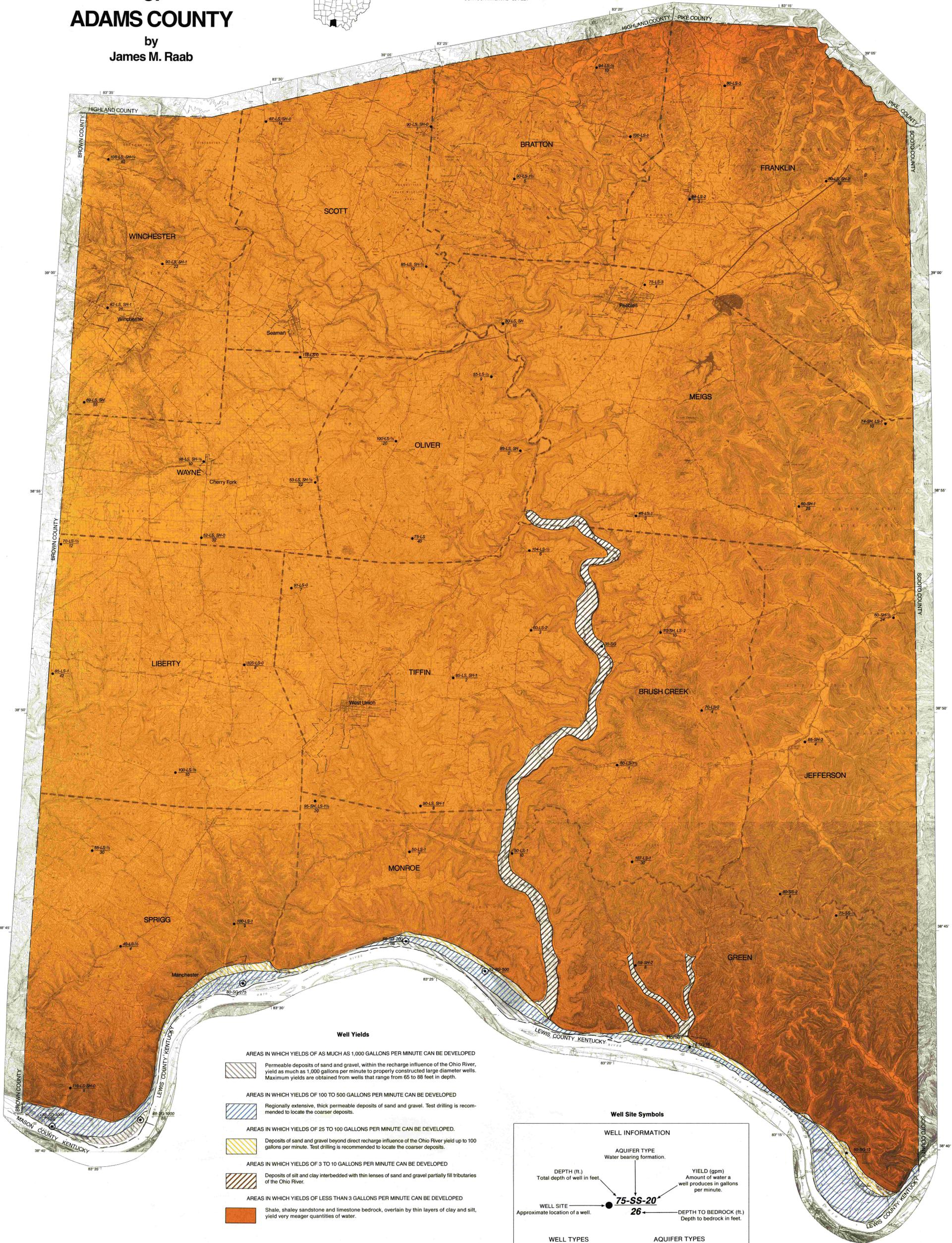
by James M. Raab



CONTOUR INTERVAL 20 FEET



- County Line
- - - Township Line
- Incorporated City Limit



Well Yields

- AREAS IN WHICH YIELDS OF AS MUCH AS 1,000 GALLONS PER MINUTE CAN BE DEVELOPED**
 - Permeable deposits of sand and gravel, within the recharge influence of the Ohio River, yield as much as 1,000 gallons per minute to properly constructed large diameter wells. Maximum yields are obtained from wells that range from 65 to 88 feet in depth.
- AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE CAN BE DEVELOPED**
 - Regionally extensive, thick permeable deposits of sand and gravel. Test drilling is recommended to locate the coarser deposits.
- AREAS IN WHICH YIELDS OF 25 TO 100 GALLONS PER MINUTE CAN BE DEVELOPED.**
 - Deposits of sand and gravel beyond direct recharge influence of the Ohio River yield up to 100 gallons per minute. Test drilling is recommended to locate the coarser deposits.
- AREAS IN WHICH YIELDS OF 3 TO 10 GALLONS PER MINUTE CAN BE DEVELOPED**
 - Deposits of silt and clay interbedded with thin lenses of sand and gravel partially fill tributaries of the Ohio River.
- AREAS IN WHICH YIELDS OF LESS THAN 3 GALLONS PER MINUTE CAN BE DEVELOPED**
 - Shale, shaly sandstone and limestone bedrock, overlain by thin layers of clay and silt, yield very meager quantities of water.

Note

The ground-water characteristics have been mapped regionally, based upon interpretations of water well records and the area's geology and hydrology. Well sites mapped were selected as typical for the areas shown. Information regarding specific sites may be obtained from the Division of Water.

Well Site Symbols

