



EXPLANATION

- Extent of Saint Marys aquifer
- Incised area of aquifer
- Structural contour—Approximate altitude of top Saint Marys aquifer. Dashed where inferred. Contour interval is 25 feet. Datum is NGVD 29
- Line of hydrogeologic section
- Fault
- Borehole location and altitude of top of aquifer
- Borehole location with detailed cuttings descriptions and altitude of top of aquifer
- Borehole location with core and altitude of top of aquifer

Base from U.S. Geological Survey, 1973
State of Virginia, 1:500,000

TOP OF THE SAINT MARYS AQUIFER IN THE VIRGINIA COASTAL PLAIN

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Location of the Chesapeake Bay impact crater is from Powars and Bruce (1999).
Structural contours extrapolated northward beyond borehole locations are inferred
from Vroblesky and Fleck (1991), and eastward on the basis of dip offshore.

