



LOCATION OF THE STUDY AREA IN VIRGINIA

EXPLANATION

- Extent of Potomac aquifer
- Incised area of aquifer
- 500 Structural contour—Approximate altitude of top of Potomac aquifer. Dashed where inferred. Contour interval is 50 feet. Datum is NGVD 29
- Line of hydrogeologic section
- 514 Borehole location and altitude of top of aquifer
- 676 Borehole location with detailed cuttings descriptions and altitude of top of aquifer
- 1,292 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 POTOMAC AQUIFER IN THE VIRGINIA COASTAL PLAIN

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2006

Location of the Chesapeake Bay impact crater is from Powars and Bruce (1999).
Structural contours extrapolated beyond borehole locations are inferred on the basis of radial symmetry about the impact crater and eastward dip offshore.

