

EXPLANATION

50% CLAY — 50% SAND
 65% CLAY — 25% NOT PENETRATED — 10% SAND
 DRILL HOLE

PERCENT OF SAND (+GRAVEL) OR CLAY (+SILT) IN 100 FOOT INTERVAL AS INDICATED BY LOG OF DRILL HOLE. PARTIAL CIRCLE INDICATES HOLE PENETRATED LESS THAN 100 FOOT INTERVAL.

50% SAND — 50% CLAY
 100% SAND IN PARTIAL SECTION
 OUTCROP

PERCENT OF SAND (+GRAVEL) OR CLAY (+SILT) IN OUTCROP OF 100 FOOT INTERVAL (AFTER FORCE, 1975). SMALLER BOXES INDICATE PARTIAL SECTION EXPOSED (NOT TO SCALE)

AVERAGE DIP AZIMUTH OF CROSS BEDDING IN SAND OUTCROPS (AFTER WEIR, 1976)

CONTOURS SHOWING TOP (100) AND BOTTOM (0) OF THE LOWER 100 FOOT INTERVAL OF POTOMAC GROUP

SURFACE AND PRESUMED SUB-SURFACE EXTENT OF MAJOR CHANNEL-FILL SANDS. FORM IMPORTANT AQUIFERS LOCALLY

U.S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.



LITHOFACIES MAP FOR THE LOWER 100 FEET OF THE POTOMAC GROUP IN FAIRFAX COUNTY, VIRGINIA
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