

### 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)

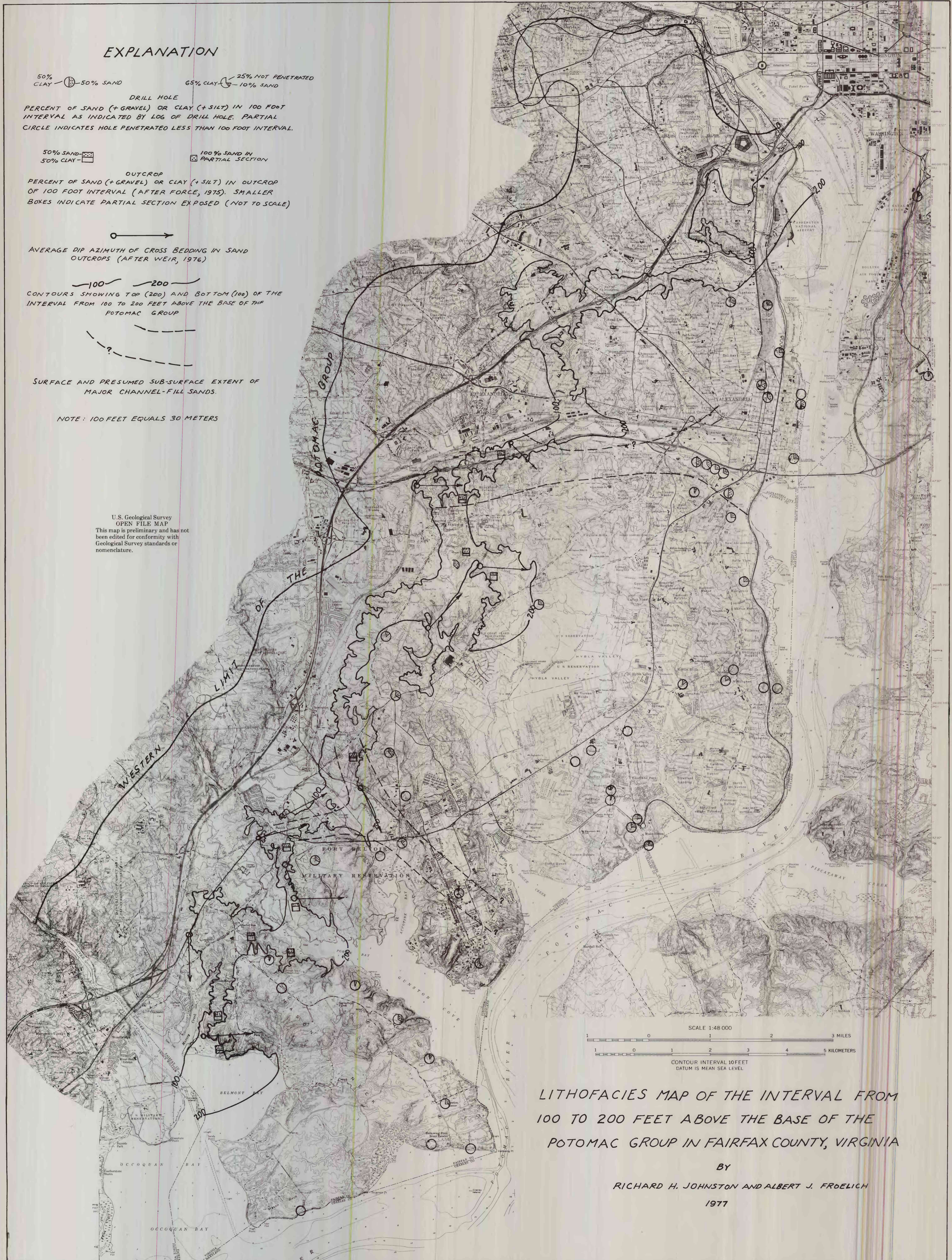
AVERAGE DIP AZIMUTH OF CROSS BEDDING IN SAND OUTCROPS (AFTER WEIR, 1976)

CONTOURS SHOWING TOP (200) AND BOTTOM (100) OF THE INTERVAL FROM 100 TO 200 FEET ABOVE THE BASE OF THE POTOMAC GROUP

SURFACE AND PRESUMED SUB-SURFACE EXTENT OF MAJOR CHANNEL-FILL SANDS.

NOTE: 100 FEET EQUALS 30 METERS

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



SCALE 1:48 000  
 0 1 2 3 MILES  
 0 1 2 3 4 5 KILOMETERS  
 CONTOUR INTERVAL 10 FEET  
 DATUM IS MEAN SEA LEVEL

LITHOFACIES MAP OF THE INTERVAL FROM 100 TO 200 FEET ABOVE THE BASE OF THE POTOMAC GROUP IN FAIRFAX COUNTY, VIRGINIA  
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