

EXPLANATION

50% SAND
CLAY

25% NOT PENETRATED
65% CLAY - 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

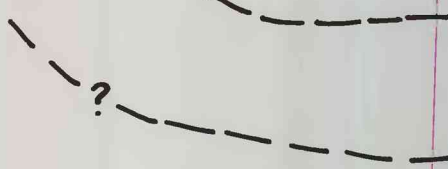
PERCENT OF SAND (+ GRAVEL) OR CLAY (+ SILT) IN OUTCROP OF 100 FOOT INTERVAL (AFTER FORCE, 1975). SMALLER BOXES INDICATE PARTIAL SECTION EXPOSED (NOT TO SCALE)



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

200 300

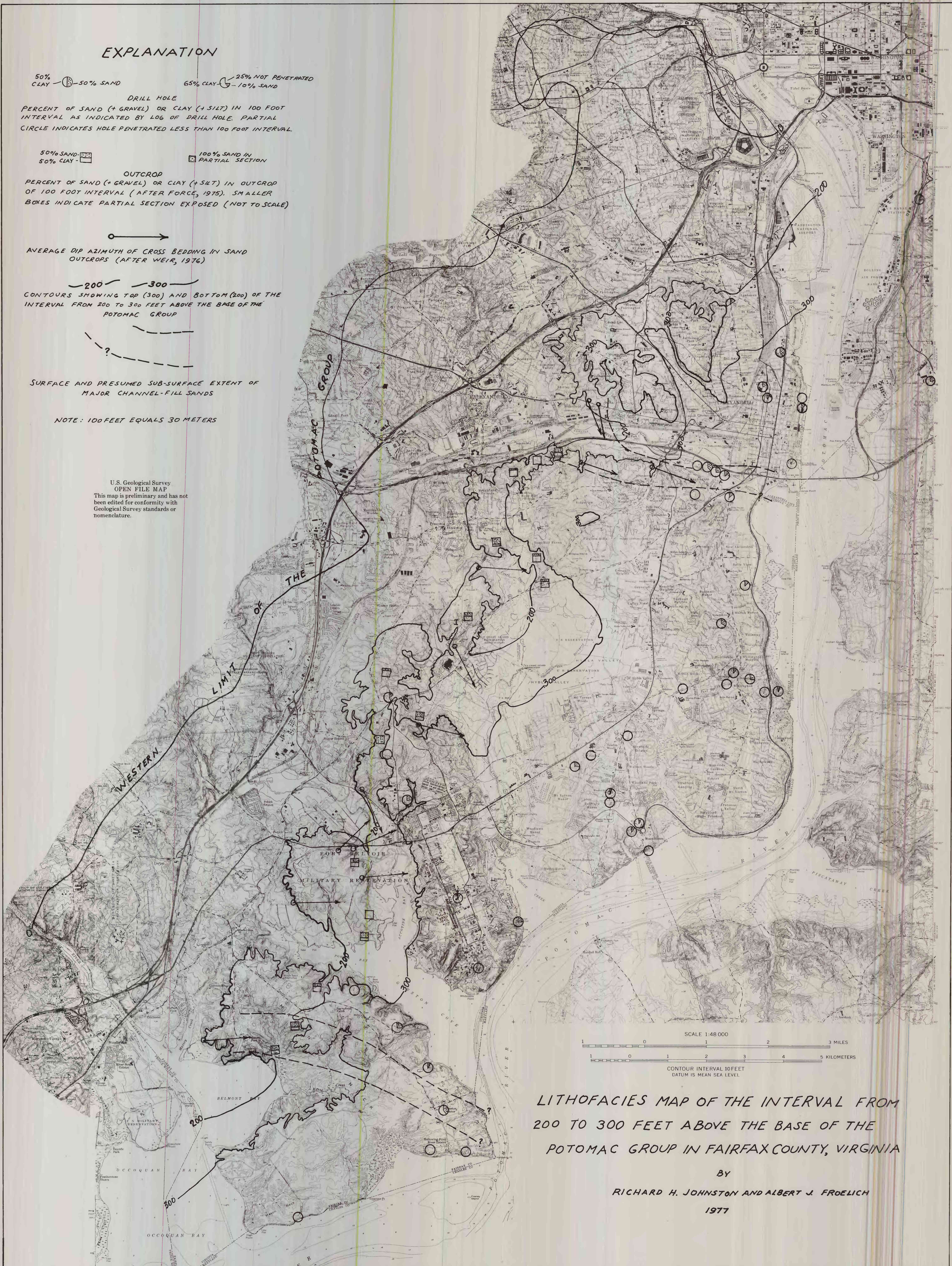
CONTOURS SHOWING TOP (300) AND BOTTOM (200) OF THE INTERVAL FROM 200 TO 300 FEET ABOVE THE BASE OF THE POTOMAC GROUP



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
1 2 3 MILES
1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

LITHOFACIES MAP OF THE INTERVAL FROM 200 TO 300 FEET ABOVE THE BASE OF THE POTOMAC GROUP IN FAIRFAX COUNTY, VIRGINIA

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