STATE OF MARYLAND

MARYLAND GEOLOGICAL SURVEY
KENNETH N. WEAVER, DIRECTOR

TOPOGRAPHIC MAP OF

PRINCE GEORGES COUNTY

COMPILED FROM 7.5 MINUTE TOPOGRAPHIC QUADRANGLES OF THE
U.S. GEOLOGICAL SURVEY
1961 (TOPOGRAPHIC BASE)
1969 (REVISED CULTURE)

REVISED BY EMERY T. CLEAVES AND
JONATHAN EDWARDS, JR.

Scale

Miles

Kilometers

Contour interval 20 feet
Maryland State Grid Coordinates in Thousands of Feet
The last three digits of the grid numbers are omitted
Datum is mean sea level

AQUIFER ABSENT

NO AVAILABLE DATA

IRON
(milligrams per litre)
Greater than 1.0

HARDNESS
(milligrams per litre)
0 - 60
61 - 120
121 - 180

APPROXIMATE BOUNDARY OF PATAPSCO AQUIFER

SANDS IN THE

-100
-200
-300
-400
-500

Aa 1
60 | 8
188 | 8

Aa 2
30 | 6
165

Cd 9

Cd 22
60 | 6
343 | 10

Dd 17
720 | 8-7½
214

Dd 22
75 | 8-6
448 | 8

Ce 14
70 | 20-8
316

Ce 39
75 | 8-
548 | 10

Ce 31
74 | 8
312 | 15

Ce 25
60 | 6
398 | 6

Ce 32
1,290 | 25-16-12
700 | 15

Ce 46
160 | 4-2
248 | 10

Dc 11
60 | 8
557 | 10

Dc 4
30 | 8-6
475 | 15

Ed 34
138 | 8
793 | 20

Ed 32
80 | 8-6
769 | 38

Ed 33
30 | 8-6
766 | 9

Ec 41
320 | 6
261 | 20

Eb 23
150 | 6
320 | 10

Eb 19
210 | 6
351 | 20

Ec 43
65 | 6-6¾
560 | 12

Ec 28

Ec 31
70 | 6-4
573 | 4

Eb 6
50 | 8
343 | 14

Eb 20
350 | 6
372 | 40

Ec 45
300 | 10
390 | 15

Fb 2
40 | 6
244 | 6

Fb 36
80 | 8
284 | 8

Ec 20
50 | 6-4-3¾
486 | 12

Fb 11
137 | 8
280 | -

Fb 47
60 | 8-6
540 | 7

Fc 19
100 | 8?
544 | 22

Fc 29
150 | 8
576 | 26

Fb 38
80 | 6
366 | 12

Fb 53
50 | 4-2
508 | 9

Fb 41
48 | 6-4-5
377 | 28

Fc 33

Fc 31
120 | 8-2
710 | 15

Fb 21
45 | 8-6
612 | 8

Gb 2
60 | 6⅛-5¼
316 | 15

EXPLANATION

Ec 45 — 300 | 10 / 390 | 15 = WELL NUMBER; YIELD (GAL/MIN); DIAMETER (IN); DEPTH TO BOTTOM OF WELL (FT); LENGTH OF SCREEN (FT)

— —300— — STRUCTURE CONTOUR SHOWING ALTITUDE OF TOP OF PATAPSCO AQUIFER, IN FEET, ABOVE (+) OR BELOW (-) SEA LEVEL (DASHED WHERE INFERRED)

INDEX OF MARYLAND COUNTIES

Maryland (Prince George's Co.). Ground Water. 1:62,500. 1976 sheet 2 of 4.

AVAILABILITY, IRON CONCENTRATION, AND HARDNESS OF GROUND WATER IN THE PATAPSCO AQUIFER