E

FORT MEADE JUNCTION
AA-Bb 21
ALT. = 180
LITHOLOGIC LOG
PLEISTOCENE
T.D. 160

KINGS HEIGHTS
AA-Cc 78
ALT. = 178
LITHO-ELECTRIC LOG
(NO ELECTRIC LOG ABOVE 260 FEET)
T.D. 915

CROWNSVILLE
AA-Cd 43
ALT. = 130
LITHO-ELECTRIC LOG
300 Ω SCALE
3,000 Ω SCALE
SHIFT
(NO ELECTRIC LOG BELOW 390 FEET)
T.D. 491

ANNAPOLIS WELL FIELD
AA-De 92
ALT. = 120
LITHO-ELECTRIC LOG
T.D. 1054

U. S. NAVAL ACADEMY
AA-De 91
ALT. = 70
LITHO-ELECTRIC LOG
T.D. 229

AA-Df 79
ALT. = 5
LITHO-ELECTRIC LOG
T.D. 710

CHESAPEAKE BAY

WADES POINT
Tal-Cb 89
ALT. = 13
LITHO-ELECTRIC LOG
T.D. 1520

EASTON
Tal-Ce 62
ALT. = 55
LITHO-ELECTRIC LOG
T.D. 1099

HAMBLETON
Tal-De 18
ALT. = 37
LITHO-ELECTRIC LOG
T.D. 1492

Tal-De 16
ALT. = 45
GAMMA RAY LOG
LITHO-ELECTRIC LOG
T.D. 1523

CAMBRIDGE
Dor-Ce 77
ALT. = 20
GAMMA RAY LOG
LITHO-ELECTRIC LOG
T.D. 1488

E'

ALTITUDE, IN FEET
+200 +150 +100 +50 SEA LEVEL -50 -100 -150 -200 -250 -300 -350 -400 -450 -500 -550 -600 -650 -700 -750 -800 -850 -900 -950 -1000 -1050 -1100 -1150 -1200 -1250 -1300 -1350 -1400 -1450 -1500 -1550 -1600

ARUNDEL FORMATION
PATUXENT FORMATION
MAGOTHY FORMATION
AQUIA GREENSAND
RARITAN(P)AND PATAPSCO FORMATIONS (UNDIVIDED)
BRIGHTSEAT, MONMOUTH, AND MATAWAN FORMATIONS (UNDIVIDED)
HOLOCENE AND PLEISTOCENE SEDIMENTS
BREAK IN CROSS-SECTION
HOLOCENE AND PLEISTOCENE
CHOPTANK FORMATION
CALVERT FORMATION
PINEY POINT FORMATION
NANJEMOY (P) FORMATION
AQUIA GREENSAND
BRIGHTSEAT, MONMOUTH, AND MATAWAN FORMATIONS (UNDIVIDED)
MAGOTHY FORMATION
RARITAN(P)AND PATAPSCO FORMATIONS (UNDIVIDED)
PLEISTOCENE
INCREASING RADIOACTIVITY
SHIFT
AQUIA (P)

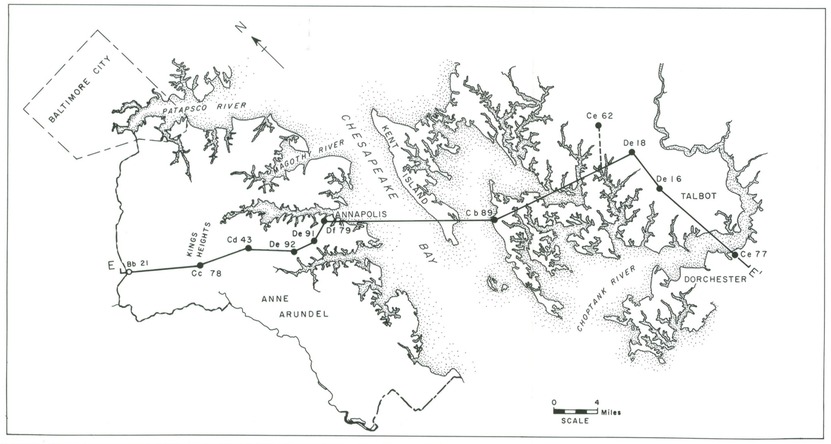
SCREEN	PUMP TEST
224-229 (2")	35 GAL/MIN 5 HOURS SP.CAP.=0.4 11/19/60

SCREEN	PUMP TEST
300-320 (6")	318 GAL/MIN 24 HOURS SP.CAP.=3.6 3/60
572-592 (6")	300 GAL/MIN 24 HOURS SP.CAP.=5.0 3/60
675-695 (6")	214 GAL/MIN 24 HOURS SP.CAP.=2.0 3/60

SCREEN	PUMP TEST
460-560 (6")	203 GAL/MIN 48 HOURS SP.CAP.=14.5 3/30/65
904-914, 950-960, 980-990, 1000-1030 (6")	203 GAL/MIN 48 HOURS SP.CAP.=13.5 3/20/65

SCREEN	PUMP TEST
915-980 (4")	FLOWED AT 12 GAL/MIN 7' ABOVE LAND SURFACE 8/53
1351-1420 (4")	FLOWED AT 8.5 GAL/MIN 7' ABOVE LAND SURFACE 8/53

SEE PLATE 2 OR 14 FOR EXPLANATION OF SYMBOLS



FORMATION	SERIES	GROUP	SYSTEM
CHOPTANK AND ST. MARYS	CALVERT	MIOCENE	CHESAPEAKE	QUATERNARY
PINEY POINT				TERTIARY
NANJEMOY (P)	EOCENE		PAMUNKEY	
MATAWAN, MONMOUTH (UNDIVIDED)	PALEOCENE			
PATAPSCO AND RARITAN (?) (UNDIVIDED)	UPPER CRETACEOUS		POTOMAC	CRETACEOUS
LOWER CRETACEOUS TO UPPER (?) CRETACEOUS				

NOTE: CORRELATION OF WELLS Tal-De 16, Tal-De 18, AND Dor-Ce 77 IS PRELIMINARY PENDING MICROPALEONTOLGICAL STUDY

Plate 6. Stratigraphic cross section E-E′ extending from Fort Meade Junction to Cambridge