

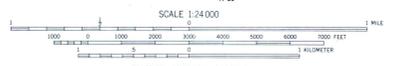
CORRELATION OF MAP UNITS

Qal	Alluvium	} Holocene	} QUATERNARY
Qt	Terrace		
UNCONFORMITY			
Ty	Yorktown Formation	} Pliocene	} TERTIARY
UNCONFORMITY			
Tsm	"Virginia St. Marys Formation"	} Miocene	} TERTIARY
UNCONFORMITY			
Tn	Nanjemoy Formation	} Eocene	} TERTIARY
UNCONFORMITY			
Ta	Aquia Formation	} Paleocene	} TERTIARY
UNCONFORMITY			
Kp	Potomac Formation	} Lower Cretaceous	} CRETACEOUS
UNCONFORMITY			

EXPLANATION OF MAP SYMBOLS

- Contact—Approximately located; solid triangle indicates representative exposure. Only one exposure (H-17) is numbered.
 - Fault—Approximately located; dashed where inferred. U, upthrown side; D, downthrown side. In cross sections, paired arrows indicate relative movement.
 - Scarp related to terrace development — Teeth on higher (older) terrace.
 - Terrace—Designated I through V, lowest (youngest) to highest (oldest).
 - Auger hole and number. See cross section of Trench I and of D-D' for location of holes 15, 16, 18-22, 25, and 26.
- Areas of artificial fill on map are not differentiated from the unit or units immediately surrounding or underlying them.*

Base from U.S. Geological Survey
Custer, Deane, Bluff, Rowley,
and Westover, 1974; Dutch Gap
and Hopewell, 1980.
Selected hydrographic data compiled
from USGS Chart 531 (1969).
This information is not intended
for navigational purposes.



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWS APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.6 FEET

GEOLOGIC MAP OF HOPEWELL, VIRGINIA, AND VICINITY

Geology mapped
in 1978-79

