Plate III Location of Fall Hill and Hazel Run Faults and Brooke monocline in Fredericksburg Area, Virginia

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF VIRGINIA
DIVISION OF MINERAL RESOURCES
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FREDERICKSBURG QUADRANGLE
VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

Brooke monocline

X shows outcrop of reverse fault

Fall Hill Fault

Hazel Run Fault location

Fault approximate

shows outcrop of fault

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1966
Supersedes Army Map Service map dated 1943

Selected hydrographic data compiled from USC&GS Chart 605-SC (1966)
This information is not intended for navigational purposes

Polyconic projection. 1927 North American datum
10,000 foot grid based on Virginia coordinate system, north zone
1000 meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

SCALE 1:24000

1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.8 FEET

MN
GN
6½°
115 MILS
1°31'
27 MILS

UTM GRID AND 1971 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

ROAD CLASSIFICATION
Heavy duty — Light duty
Medium duty — Unimproved dirt
Interstate Route — U.S. Route — State Route

VIRGINIA
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA 22903
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

FREDERICKSBURG, VA.
N3815—W7722.5/7.5

1966

AMS 5560 IV SW—SERIES V834