Plate 11

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

POINT OF ROCKS QUADRANGLE
MARYLAND–VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5462 I NW (KEEDYSVILLE) · 5462 I NE (MIDDLETOWN) · 5462 IV NW (FREDERICK)

77°37'30" · 39°22'30" · 77°30' · 39°15' · 20' · 17'30"

2 250 000 FEET (VA.) · 650 000 FEET (MD.) · 560 000 FEET (MD.) · 620 000 FEET (VA.) · 520 000 FEET (MD.) · 580 000 FEET (VA.)

276000m E. · 277 35' · 279 · 280 · 32'30" · 282 · 284 · 4361000m N. · 4360 · 4359 · 4358 · 4357 · 4356 · 4355 · 4354 · 4353 · 4352 · 4351 · 4350 · 4349 · 4348 · 4348000m N.

MIDDLETOWN 6 MI. · FREDERICK 6 MI. · CHARLES TOWN, W. VA. 13 MI. · HARPERS FERRY, W. VA. 7 MI. · 5462 I SW (HARPERS FERRY) · 5462 IV SW (BUCKEYSTOWN) · TUSCARORA 2 MI · ROCKVILLE 27 MI · (PURCELLVILLE) 5462 II NW · (POOLESVILLE) 5562 III NW · (WATERFORD) 5462 II NE

Lewis Mill · Jefferson · Slabtown · Petersville · Rosemont · Bells Mill · Olive · Brunswick · Lander · Point of Rocks · Mountville · Taylorstown · Furnace Mountain · Pine Rock · Rock Hall · Washington Junction · Roadside Park · Sewage Disposal · Valley Sch · High Sch · St Marys Ch · Union Bethel Ch · Bethel Ch · Sunnyside Ch · Cem · Water Tank · Radio Tower (WTRI) · Campground · Campsite · Tunnel · Gaging Sta · Substation · Ferry · Lock No 29 · Lock No 28 · Paint Rocks · Mar Lu Ridge Conference and Educational Center

Catoctin Creek · Little Catoctin Creek · Horine Run · Cattail Branch · Potomac River · Patton Island · Heaters Island · Furnace Mtn · Catoctin Mtn · Mountville Mtn

Lees Lane · Broad Ford Road · St Marys Church Road · Kepler Road · Olive School Road · Hemp Road · Horine Road · Spigler Road · Cornland Road · Pofferberger Road · Old Middletown Road · Hoffman Road · Derr Road · Mountville Road · Bradford Road · Ballenger Creek Pike · Boss Arnold Road · Ford Road · Lander Road · Old Railroad Grade · Baltimore and Ohio Railroad · Chesapeake and Ohio Canal · Frederick Co · Loudoun Co

Qmw · Qal · Qoi · Trbl · Trbb · Pre-R · Trp · QTq

SCALE 1:24 000

1 MILE · 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET · 1 5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

MN · GN · 7° 124 MILS · 1°37' 29 MILS
UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MARYLAND
QUADRANGLE LOCATION

LEESBURG 10 MI. · 22 MI. TO U.S. 50

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972

Geology by K. Y. Lee, 1976

Geology of the Culpeper Basin in Point Of Rocks Quadrangle, Loudoun Co., Va. - Frederick Co., Md.

By

K. Y. Lee

1979

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This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.