UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF WEST VIRGINIA
REPRESENTED BY THE
STATE OF WEST VIRGINIA GEOLOGICAL SURVEY
AND OTHER STATE AGENCIES

PANTHER QUADRANGLE
WEST VIRGINIA-VIRGINIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 IAEGER 15' QUADRANGLE

4559 II SE (MAJESTIC)
4559 III SW (WHARNCLIFFE)
4559 III SE (GILBERT)
4559 I NE (HURLEY)
4658 IV NE (IAEGER)
(GRUNDY) 4658 I SE
(BRADSHAW) 4658 IV SE
(PATTERSON) 4658 IV SW

82°00′ 37°30′ 81°52′30″ 27′30″ 55′ 57′30″ 25′ 22′30″

412000m E. 413 414 415 416 418 419000m E. 420 422

990 000 FEET (VA.)
1 740 000 FEET (W.VA.)
1 720 000 FEET (W.VA.)
1 010 000 FEET (VA.)

4150000m N. 4149 4148 4147 4146 4145 4144 4143 4142 4141 4140 4139 4138 4137000m N.

440 000 FEET (VA.)
180 000 FEET (W.VA.)
400 000 FEET (VA.)
140 000 FEET (W.VA.)

MOHAWK 0.4 MI.
HURLEY 3.5 MI.
STACY (VA. 83) 5 MI.
6 MI. TO VA 83
2.4 MI. TO VA 643
IAEGER (U.S. 52) 6 MI.

Strip Mine
Long Branch
Rough Br
Sullivan Cem
Bailey Cem
Mollett Cem
Bee Branch Sch
Gas Well
Bull Creek
Strip Mines
Longpole Ct
Elbow Hollow
BM 939
BM 942
Bee Branch
Bailey Cem
Depot Hollow
Strip Mine
BUCHANAN CO
MC DOWELL CO
Isom Fork
Cem
Franks Br
Bull Creek
Bailey Cem
Stacy Cem
Lester Cem
Zecks Branch
TUG
Panther
BM 949
BM 940
WESTERN MINES FORK
Shortpole Branch
Tippies
Briar Branch
Hurley Cem
Bull Creek Sch
Hurley Cem
Lester Cem
Cem
Creek
Bull Fork
Ford
Panther Fork
STATE LINE
Allen Cem
Dane Br
McKinley Sch
Lick Br
Left Fork
Greenbrier Fork Ch
Lockhart Cem
BM 1335
Little Zion Ch
BM 1255
Estep Cem
Haggy Cem
Lockhart Cem
Justice Cem
Lowe Cem
Sheep Knob
Trap Fork Cem
Mines
Collins Cem
BM 1208
Mines
Blankenship Cem
Green River
Meredith Fork
Robertson Cem
Mines
Cline Cem
Road Fork
Trap Fork
Creek
Ford
Mine
BM 1049
RIDGE
Matney Cem
Trail
Mullins Cem
Stacy Cem
Bailey Cem
Pink Hol
Sycamore Fork
Laurel Fork
Rife Cem
BM 1589
Lester Cem
Trace Fork Sch
Left Fork
Stacy Branch
Jeep Trail Br
Lick
Coleman Cem
Little Dove Ch
BM 1198
Cem
Justice Cem
Cem
Left Fork
Mines
Trace Fork
Deerskin Branch
Lookout Tower
Lower Guess Fk Sch
BM 1111
Guess Cr
Mines
WEST VIRGINIA
VIRGINIA
STATE LINE
Lefford Br
House Br
Fork
Lick Branch
North Fork
Oldhouse Br
Wkeetstone Br
Hollow
Blackwine Br
Burke Cem
Justice Cem
Upper Guess Fork Sch
Guess Cr
Wildcat Hollow
Fork
Laurel Fork
Cem
Mine
Mine
North Fk
Right Fork
RIDGE
Tantrough Br
White Oak
Pigeonroost Br
PANTHER STATE FOREST
Panther Creek
Meathouse Fk
Ball Br
Mines
Thimble Hollow
Lick Branch
Jeep Trail
Long Bottom Branch
Hoover Cem
Knarr
Cem
Blankenship Cem
Cem
BM 1089
Mine
Blackey
Creek
Jeep Trail
Bailey Cem
Johns Branch
Mill Branch
Fork
Middle Fork
Elias Lower Twin Branch
Upper Twin Branch
Slaunch Toms Br
Jeep Trail
Toms Br
Mine
Rit
Bigtel Fork
Stonecoal Br
Jeep Trail
BUCHANAN CO
MCDOWELL CO
Ester Ridge
Cem
Bolton Cem
BM 1390
BM 1287
BM 1258
BM 1230
Mine
Mines

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grids based on West Virginia coordinate system, south zone, and Virginia coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

MN
GN
2½° 45 MILS
0°34′ 10 MILS
UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000
1 0 ½ 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
AND VIRGINIA DIVISION OF MINERAL RESOURCES, CHARLOTTESVILLE, VIRGINIA
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

W. VA.
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Medium-duty
Light-duty
Unimproved dirt
State Route

PANTHER, W. VA.—VA.
NW/4 IAEGER 15' QUADRANGLE
N3722.5—W8152.5/7.5

1963

AMS 4658 IV NW—SERIES V854

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1965

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