UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MONONGAHELA QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 BROWNSVILLE 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field check 1954

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

Red tint indicates areas in which only landmark buildings are shown

Broken contours in strip mine areas indicate mining since photography

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1969
This information not field checked

Purple tint indicates extension of urban areas

IMAPS # 19688

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

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

QUADRANGLE LOCATION

MONONGAHELA, PA.
NW/4 BROWNSVILLE 15' QUADRANGLE
N4007.5—W7952.5/7.5

1954
PHOTOREVISED 1969
AMS 5064 III NW—SERIES V831

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970