UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

KITTANNING QUADRANGLE
PENNSYLVANIA—ARMSTRONG CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 KITTANNING 15' QUADRANGLE

5065 I NW (CHICORA)
5065 I NE (EAST BRADY)
5165 IV (RURAL VALLEY) 1:62 500

79°37'30" 40°52'30" 79°30' 40°45'

1 510 000 FEET

560 000 FEET

530 000 FEET

1 490 000 FEET

4525 000m N. 4512 000m E.

COWANSVILLE (JUNC. PA. 268) 0.9 MI.
11 MI. TO PA. 68
COWANSVILLE 1.2 MI.
BUTLER 16 MI.
WORTHINGTON 0.4 MI.
FREEPORT 8.5 MI.
SLATE LICK 11 MI.
5065 I SW (WORTHINGTON)
MC VILLE 1.9 MI.
FREEPORT 8.3 MI.
SLABTOWN 7.4 MI.
NEW BETHLEHEM 17 MI.
RURAL VALLEY 1:62 500 5165 IV
WHITESBURG 7.6 MI.
INDIANA 26 MI.
SPRING CHURCH (JUNC. PA. 58) 7 MI.
SHAY 5 MI.
CHRISTY MANOR 0.9 MI.
LEECHBURG 12 MI.
(LEECHBURG) 5065 II NE
(FREEPORT) 5065 II NW
(WHITESBURG) 5165 II NW

EAST FRANKLIN
WEST FRANKLIN
NORTH BUFFALO
SOUTH BUFFALO
CADOGAN
RAYBURN
MANOR

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1952. Field check 1958

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

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

Red tint indicates areas in which only landmark buildings are shown

Contours in strip mine areas from 1952 photography

Unchecked elevations are shown in brown

MN GN
6° 107 MILS
0°56' 17 MILS
UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

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

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

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

PENNSYLVANIA
QUADRANGLE LOCATION

KITTANNING, PA.
SE/4 KITTANNING 15' QUADRANGLE
N4045—W7930/7.5

1958
PHOTOREVISED 1969
AMS 5065 I SE—SERIES V831

USGS
HISTORICAL FILE
TOPOGRAPHIC DIVISION

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