

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

WAYNESBURG QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
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MATHER QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)



John T. Boyd Company
Mining and Geological Engineers
400 Oliver Building
Pittsburgh, PA 15222

RUSSELL P. MORAN
Professional Engineer
No. 33390-E
Date: 5/20/93

REV.	DATE	DESCRIPTION	DRW BY	APP BY
1	5/20/93	PERMIT AREA DELETION	JFG	RPM
DES BY		PROJECT NO. 2025.6	SCALE: 1" = 2000'	
DRW BY		PROJECT:	Permit No. 30841321	
CHK BY			Gateway Mine, Pittsburgh Seam	
APP BY			Greene County, Pennsylvania	
CHK BY			SHEET TITLE: 1" = 400' Map Index - Gateway Mine	
GATEWAY COAL COMPANY			SHEET 1 OF 1	
1015 Belleville Turnpike			DRAWING NO.	
Kearny, NJ 07032				

Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1958. Field checked 1961.

Polygonic 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 where
generally visible on aerial photographs. This information is unchecked

Red tint indicates area in which only landmark buildings are shown

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

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

WAYNESBURG, PA.
N 3952.5 - W 8007.5 / 7.5

PHOTOREVISED 1973
AMS 4963 1 NW-SERIES 7831

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE

Topography by photogrammetric methods from aerial
photographs taken 1958. Field checked 1961.

Polygonic 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 where
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Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1973. This information not field checked

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GATEWAY COAL CO.
1" = 400' MINE MAP INDEX
9-84

MATHER, PA.
N 3952.5 - W 8007.5

PHOTOREVISED 1973
AMS 4963 1 NE-SERIES 7831

GCA-371