

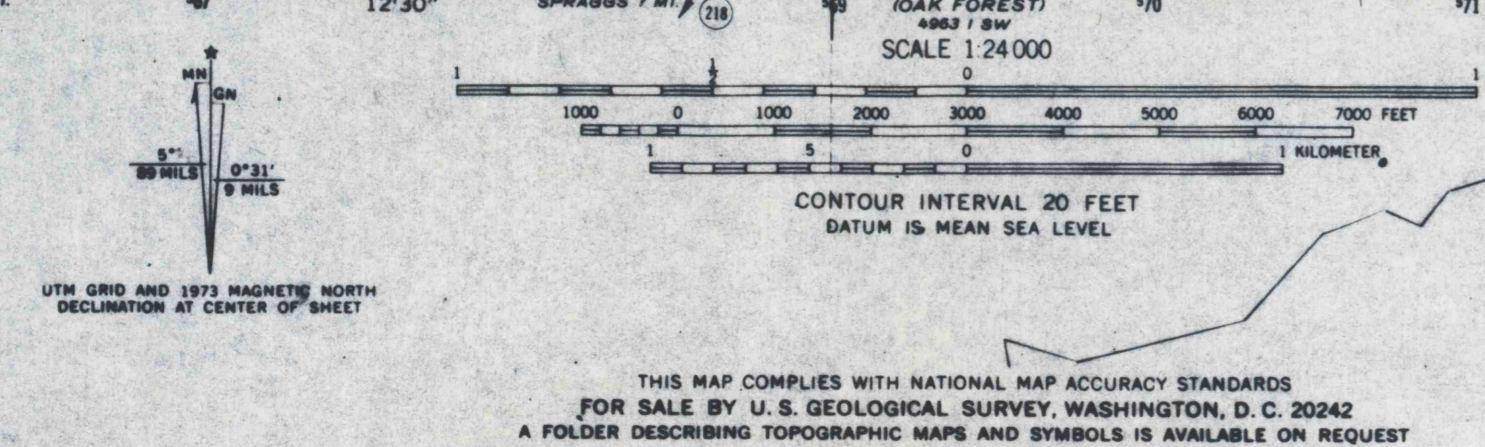


**JTB**  
John T. Boyd Company  
Mining and Geological Engineers  
400 Oliver Building  
Pittsburgh, PA 15222

*Russell P. Moran*  
5/20/15

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				

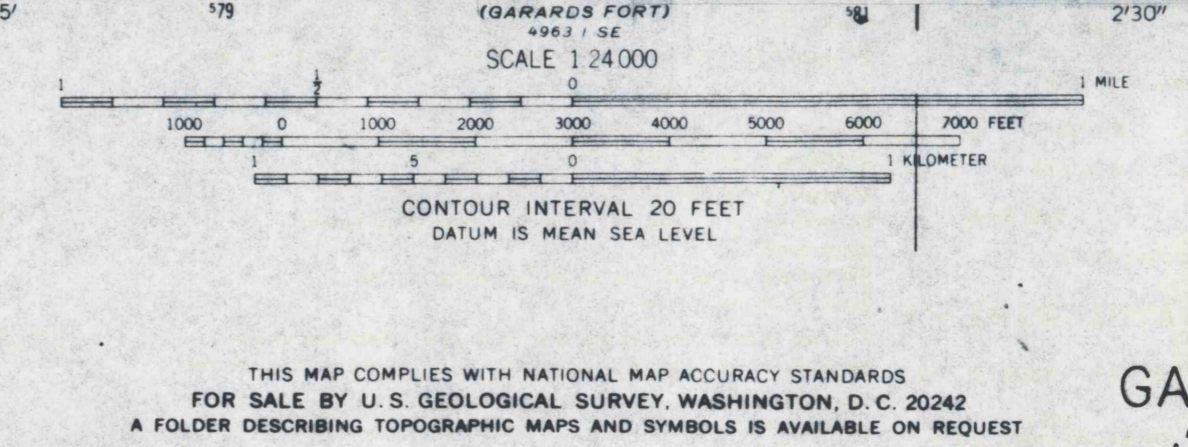
Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1958. Field checked 1961.  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system,  
south zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Red tint indicates area in which only landmark buildings are shown



**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  
1961  
PHOTOREVISED 1973  
AMS 4963 1 NW - SERIES 1981

Mapped, 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.  
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 where  
generally visible on aerial photographs. This information is unchecked  
Revisions shown in purple compiled in cooperation with  
State of Pennsylvania agencies from aerial photographs  
taken 1973. This information not field checked



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

**MATHER, PA.**  
N 3952.5 - W 8007.5 / 7.5  
1961  
PHOTOREVISED 1973  
AMS 4963 1 NE - SERIES 1981