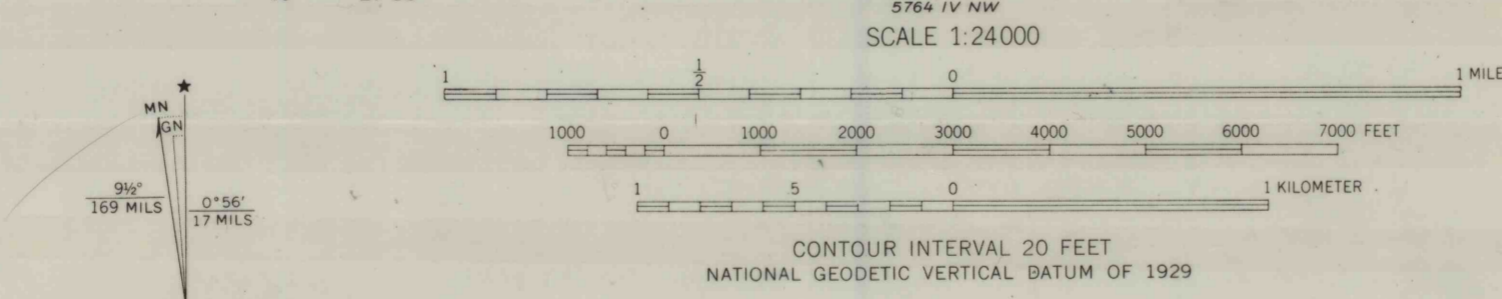


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1944
Culture revised 1954
Polyconic projection, 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue
Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1969 and 1977. This information not field checked



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

U.S. Route State Route
 Interstate Route

PINE GROVE, PA.
SW/4 PINE GROVE 15' QUADRANGLE
N 40°30' - W 76°22' 30"
1954
PHOTOREVISED 1969 AND 1977
AMS 5765 III SW-SERIES V831

OVERLAY LEGEND

- ABANDONED MINED LAND PROBLEMS**
- Abandoned Strip Mine (Dry)
 - Abandoned Strip Mine (Flooded)
 - Subsidence Prone Area
 - Open Shaft or Entry (Vertical or Steeply Sloping)
 - Capped Shaft or Entry (Vertical or Steeply Sloping)
 - Open Shaft or Entry (Horizontal or Gently Sloping)
 - Sealed Shaft or Entry (Horizontal or Gently Sloping)
 - Abandoned Refuse Pile (Burning)
 - Abandoned Spoil Pile
 - Underground Mine Fire
 - Abandoned Coal Processing Settling Basin (Dry)
 - Abandoned Coal Processing Settling Basin (Flooded)
 - Abandoned Structure
 - Erosion Prone Area (Due to AML)
 - Slide Prone Area (Due to AML)
 - Reported AMD Discharge and Seep Area
 - Abandoned Refuse Pile (Non-Burning)
 - Bond Forfeiture Feature

- HEALTH, SAFETY, AND WELFARE KEYWORDS**
- VO Vertical Opening
 - P Portal
 - SB Surface Burning
 - GUB Gases from Underground Burning
 - GHE Venting of Hazardous or Explosive Gases
 - DPE Dangerous Pile or Embankment
 - DI Dangerous Impoundment (Structural or Design Deficiencies)
 - DS Dangerous Slide
 - DH Dangerous Highwall
 - PWAI Polluted Agricultural/Industrial Water Resource
 - PWHC Polluted Drinking Water Resource or Polluted Recreational Waters Used for Swimming
 - S Subsidence Prone Areas
 - CS Clogged Stream
 - HEF Hazardous Abandoned Mining Equipment or Facilities
 - IRW Unauthorized and Dangerous Disposal of Industrial or Residential Waste
 - HWB Unauthorized and Dangerous Use of a Water Body for Recreational Purposes

- 1,2,3 Abandoned Mine Land (AML) Feature Numbers
- PA2011 Problem Area
- PU-2 EAGLE Planning Unit Boundary
- WCU 02050305 Water Cataloging Unit Boundary

REVISED
February 5, 1990