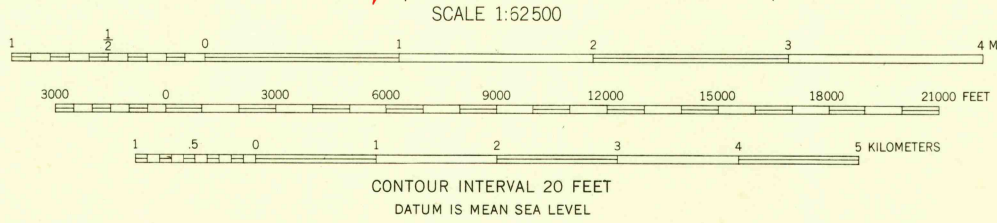
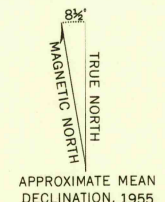
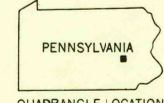




Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Compiled in 1957 from 1:24 000 scale maps of the Minersville,  
Tremont, Pine Grove, and Swatara Hill 7.5 minute quadrangles  
Topography from aerial photographs by multiplex methods and  
by planetable surveys. Aerial photographs taken 1942  
Field check 1944. Culture revised 1954 and 1955  
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



USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt

U.S. Route (solid line with shield)  
State Route (dashed line with shield)

This area also covered by 1:24 000 scale maps of  
Minersville, Tremont, Pine Grove, and Swatara Hill  
7.5 minute quadrangles, surveyed 1954 and 1955  
Adjoining areas also covered by 1:24 000 scale maps

PINE GROVE, PA.  
N4030-W7615/15

1955

FEB - 3 1958

2375