



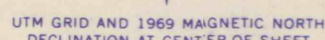
Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1952. Field check 1954

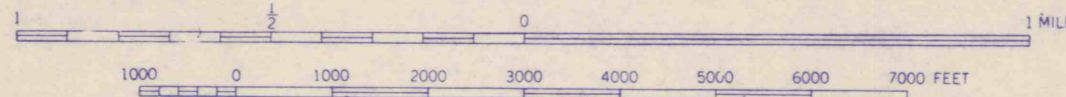
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Pennsylvania coordinate system, south zone  
1000-meter Universal Transverse Mercator grid ticks, zone 17,  
shown in blue

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

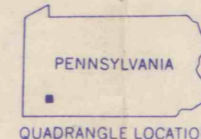
UTM GRID AND 1969 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET



SCALE 1:24,000



CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION

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

SMITHTON, PA.  
NW/4 CONNELLSVILLE 15' QUADRANGLE  
N4007.5-7937.5/7.5

1954  
PHOTOREVISED 1969  
AMS 5064 II NW-SERIES V831

**GeoMechanics, inc**  
Geotechnical Consultants  
1580 Broad Ave.  
Belle Vernon, Pa. 15012  
412/929-3341 - 462-8939

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  
**EXHIBIT 6.1 U.S.G.S. 7.5' TOPOGRAPHIC MAP**