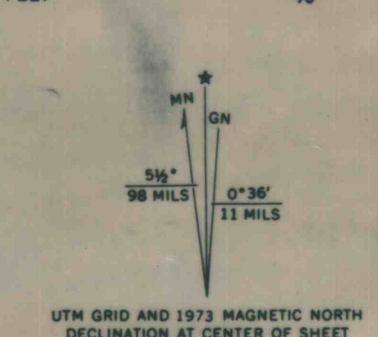




Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial
photographs taken 1965. Field checked 1961.
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter 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 uncheckd
Revisions shown in purple compiled in cooperation with State of
Pennsylvania agencies from aerial photographs taken 1977 and other
source data. This information not field checked. May edited 1979
Boundary lines shown in purple compiled from latest
information available from the controlling authority

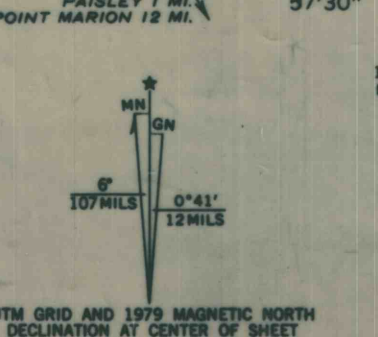


PLAN OF 1"-100' MINE TRACINGS AND 1"-300' MINE TRACINGS

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

MATHER, PA.
N 3952.5 - W 8000/7.5
1961
PHOTOREVISED 1973
AMS 4963 1 NE - SERIES V81

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial photographs
taken 1962 and 1963. Field checked 1964
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 uncheckd
Revisions shown in purple compiled in cooperation with State of
Pennsylvania agencies from aerial photographs taken 1977 and other
source data. This information not field checked. May edited 1979
Boundary lines shown in purple compiled from latest
information available from the controlling authority



PLAN OF 1"-100' MINE TRACINGS AND 1"-300' MINE TRACINGS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

CARMICHAELS, PA.
N 3952.5 - W 7952.5/7.5
1964
PHOTOREVISED 1979
AMS 4963 1 W - SERIES V81

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial photographs
taken 1962 and 1963. Field checked 1964
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 uncheckd
Revisions shown in purple compiled in cooperation with State of
Pennsylvania agencies from aerial photographs taken 1977 and other
source data. This information not field checked. May edited 1979
Boundary lines shown in purple compiled from latest
information available from the controlling authority