



40°30' 79°15' 649 650 1 590 000 FEET 651 12°30' 652 653 (BOLIVAR) 5164 1 NW SCALE 1:24 000 JOSEPHINE 2.1 MI. GREENSBURG 27 MI. 655 10' 656 657000m

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography by photogrammetric methods from aerial
photographs taken 1961. Field checked 1963
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
Dashed lines indicate selected fence and field lines where

6 1/2° 116 MILS 1°11' 21 MILS

1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

PENNSYLVANIA

IMAPS # 09550