



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography from aerial photographs by photogrammetric methods
 Aerial photographs taken 1952. Field check 1958
 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 visible on aerial photographs. This information is unchecked
 tint indicates areas in which only
 mark buildings are shown
 strip mine areas from 1952 photography
 are shown in brown

SCALE 1:24,000
 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
 1 MILE
 1 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 METERS
 CONTOUR INTERVAL 20 FEET
 DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
 Heavy-duty _____ Light-duty _____
 Medium-duty _____ Unimproved dirt _____
 U.S. Route _____ State Route _____

KITTANNING, PA.
 SE/4 KITTANNING 15' QUADRANGLE
 N4045-W7930/7.5
 1958