



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial photographs taken 1962. 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 fences and field lines where generally visible on aerial photographs. This information is unchecked
 Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

1 MILE
 1 KILOMETER

CONTOUR INTERVAL 20 FEET
 DATUM IS MEAN SEA LEVEL

FIELD COPY
 OHIO STREET COAL CO.
 MINE No. 1- NOV. 11, 1966
 Warren H. Hinks, R.P.E.

ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Medium-duty ——— Unimproved dirt - - - - -
 State Route ○

LORAIN BOROUGH
CAMBRIA COUNTY
PERMIT NUMBER - 223-1
UPPER FREEPORT SEAM

UPPER FREEPORT

JOHNSTOWN, PA.
 JOHNSTOWN 15' QUADRANGLE
 N015-W7852.5/7.5

1964
 U.S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST