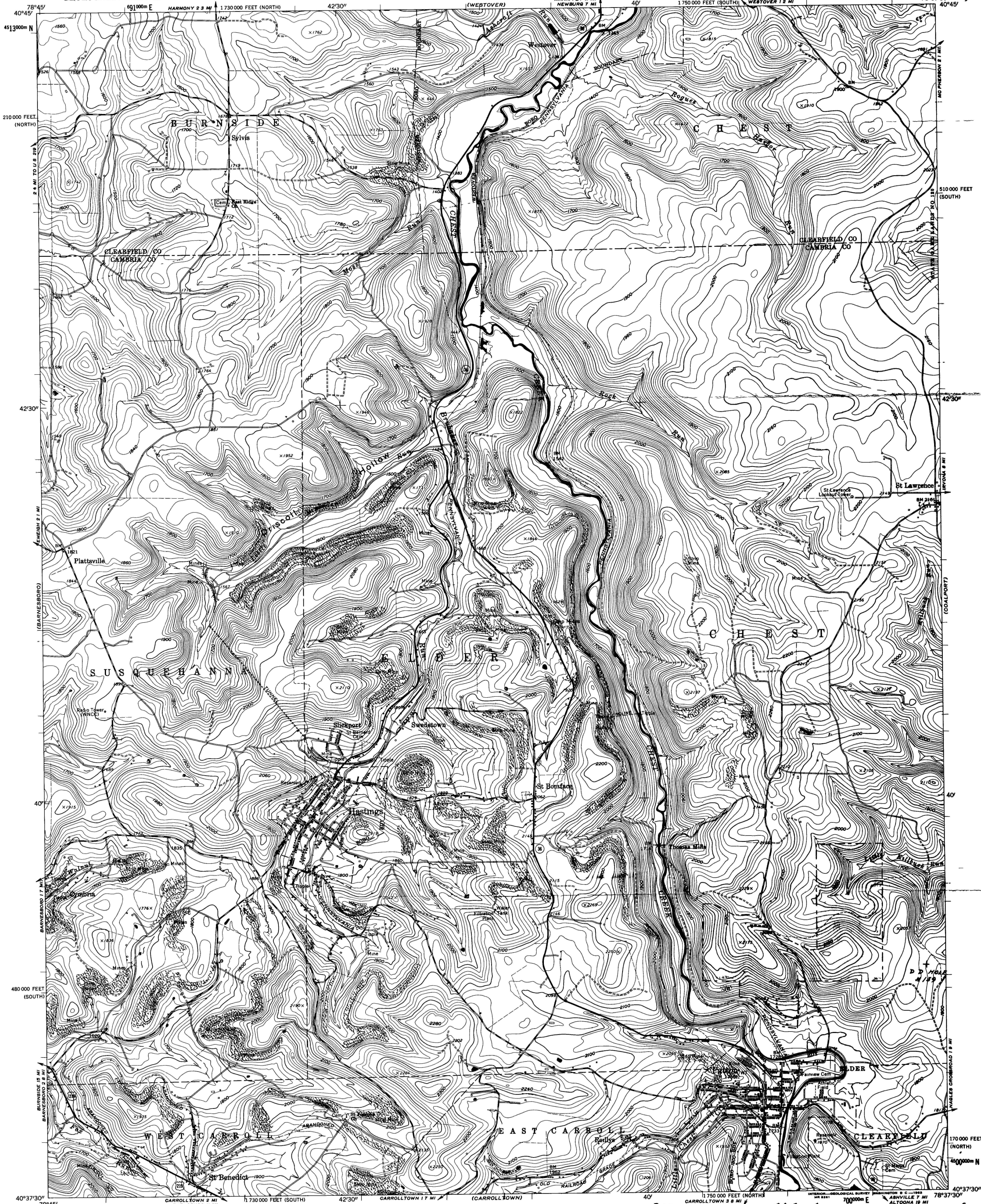


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

HASTINGS QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW 1/4 PATTON 15' QUADRANGLE



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

Topography by photogrammetric methods from aerial
photographs taken 1958 Field checked 1961

Polyconic projection 1927 North American datum
10 000 foot grids based on Pennsylvania coordinate system
south and north zones
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 unchecked

64°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION 1961

SCALE 1:24 000
1 000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

PERMIT NUMBER - 114-1
C-PRIME-OR UPPER KITTANNING SEAM
FIELD COPY

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U S GEOLOGICAL SURVEY WASHINGTON 25 D C
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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HASTINGS, PA
NW 1/4 PATTON 15' QUADRANGLE
N4037 5-W7837 5/7 5
1961