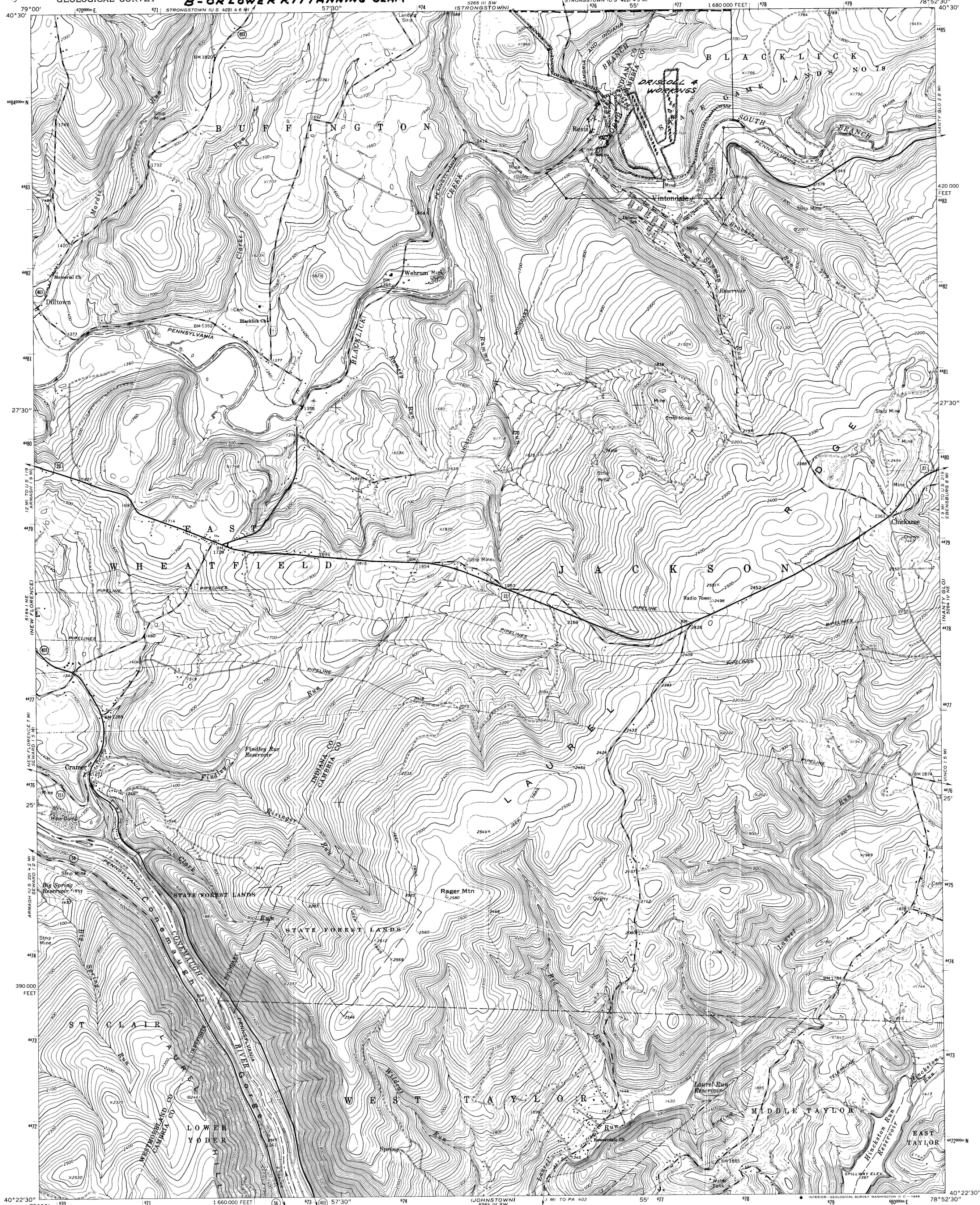


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

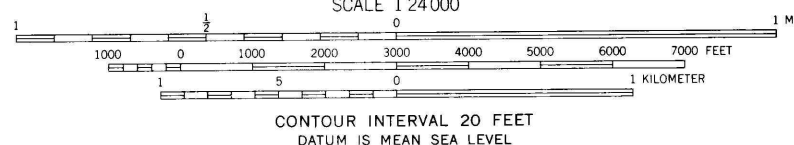
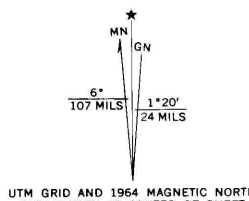
BLACKLICK TOWNSHIP
CAMBRIA COUNTY &
BUFFINGTON TOWNSHIP
INDIANA COUNTY
PERMIT NUMBER - 203-1
"B" OR LOWER KITTANNING SEAM

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY

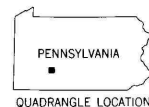
VINTONDALE QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW 1/4 JOHNSTOWN 15' QUADRANGLE



Maped, 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 fence and field lines where
generally visible on aerial photographs. This information is unchecked



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



VINTONDALE, PA.
NW 1/4 JOHNSTOWN 15' QUADRANGLE
N4022.5—W7852.5/7.5

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

DRISCOLL MINING COMPANY
DRISCOLL NO. 4 MINE
RICH HILL COAL MINING CORP.

1964
AMS 5264 IV NW—SERIES V831

Benjamin R. Auld