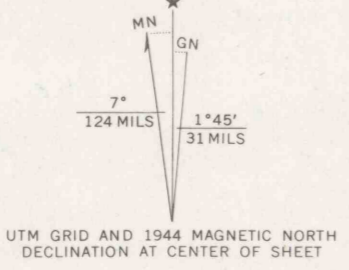


FIELD COPY



JOHN T. HARCHAK COAL CO.
ETHEL #1 MINE
RUSH TWP. CENTRE CO.
12-22-67 E. A. LOBB, P.S.

Mapped by the Geological Survey
1944



Contour interval 20 feet
Datum is mean sea level

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

ROAD CLASSIFICATION	
Heavy-duty	4 LANE 16 LANE Light duty
Medium-duty	4 LANE 16 LANE Unimproved dirt
U. S. Route	State Route

Polyconic projection, 1927 North American datum
5000 yard grid based on U. S. zone system, B
10000 foot grid based on Pennsylvania (North)
rectangular coordinate system
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

HOUTZDALE, PA.

N4045-W7815/7.5
1944
AMS 5365 IV SE-SERIES V831

**RUSH TOWNSHIP
CENTRE COUNTY
PERMIT NUMBER - 348-1
"B"-OR LOWER KITTANNING SEAM**