

DUANE E. SMITH MINE  
submitted by: J. M. DOUGLAS, R. S.  
2/20/67

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA  
REPRESENTED BY THE  
DEPARTMENT OF INTERNAL AFFAIRS  
TOPOGRAPHIC AND GEOLOGIC SURVEY  
(Brookville)

PORTER TOWNSHIP  
JEFFERSON COUNTY  
PERMIT NUMBER- 276-1  
B" OR LOWER KITTANNING SEAM

PENNSYLVANIA  
SMICKSBURG QUADRANGLE

FIELD COPY



*Handwritten signature: J.M. Douglas*

Frank Sutton, Geographer in charge.  
Topography by Wm.O. Tufts and R.H. Reineck.  
Control by A.H. Thompson, Geo. T. Hawkins, and Robt. D. Cummin.  
Surveyed in 1906-1907.  
Partial revision in 1938 by D.H. Watson and H.R. Kilmer

Scale 62500  
1 2 3 4 5 Miles  
1 2 3 4 5 Kilometers

Contour interval 20 feet.  
Datum is mean sea level.

ROUTES USUALLY TRAVELED  
HARD IMPERVIOUS SURFACES  
OTHER SURFACE IMPROVEMENTS  
U. S. ROUTE 1943 STATE ROUTE

PA.  
SMICKSBURG

N 4045-W 7900/15  
1938

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

POTTS DRUG STORE  
1100 N. 3rd ST. HARRISBURG, PA.  
AGENCY FOR U. S.  
GEOLOGICAL SURVEY MAPS