

**PORTER TOWNSHIP
JEFFERSON COUNTY
PERMIT NUMBER - 221-1
"D" - OR LOWER FREEPORT SEAM**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PENNSYLVANIA
SMICKSBURG QUADRANGLE

DOVERSPIKE BROTHERS COAL COMPANY, INC.
"DORA No. 4 MINE"
PORTER TOWNSHIP, JEFFERSON COUNTY
submitted by: J. M. Douglas, R. S.



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
Miles
Kilometers

Contour interval 20 feet.
Datum is mean sea level.

Polyconic projection, North American datum.

PA
SMICKSBURG

ROUTES USUALLY TRAVELED
HARD IMPROVED SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE 1949
STATE ROUTE

N 4045-W7900/5
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

FIELD COPY