



Violet Bacheler Coal Co.
Raymond Bacheler (Agent)
Gramplan, Pa.

Location Of
Mine & Coal Land

Clearfield, Pa.
Oct 22, 1966

Roy C. Kindy
Reg. Engr.

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1957. Field check 1959
Polyconic projection, 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines
visible on aerial photographs. This information is unchecked

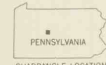
**FERGUSON TOWNSHIP
CLEARFIELD COUNTY
PERMIT NUMBER-105-2
"D"-OR LOWER FREEPORT SEAM**

APPROXIMATE MEAN
DECLINATION, 1959

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

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

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



CURWENSVILLE, PA.
NE 1/4 CURWENSVILLE 15' QUADRANGLE
N 4052.5—W 7830/7.5

1959