



Violet Bachelier Coal Co.  
Raymond Bachelier (Agent)  
Grampian, Pa.

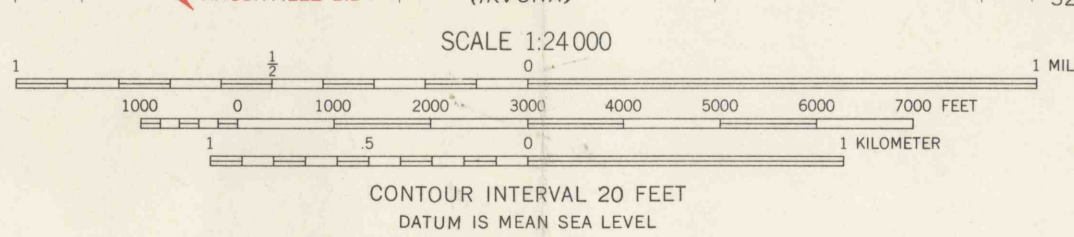
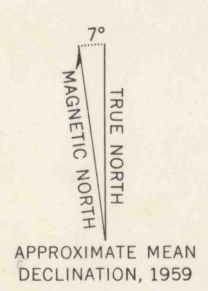
Location Of  
Mine & Coal Land

Clearfield, Pa.  
Oct 22, 1966

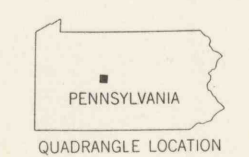
Roy G. Kindig  
Reg. Engr.

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  
"0"-OR LOWER FREEPORT SEAM**



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	Slate Route

CURWENSVILLE, PA.  
NE 1/4 CURWENSVILLE 15' QUADRANGLE  
N4052.5—W7830.7.5  
1959