

BROOKVILLE 13 MI.
KNOXDALE 7.6 MI.
REYNOLDSVILLE 9 MI.
PANIG (UNCL. PA. 952) 3 MI.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

DU BOIS 10 MI.
SYKESVILLE 4 MI.

LUTHERSBURG (UNCL. U.S. 219 & 322) 7 MI.
TROUTVILLE 2.7 MI.

**BELL TOWNSHIP
CLEARFIELD COUNTY
PERMIT NUMBER - 354-1**

PUNXSUTAWNEY QUADRANGLE
15-MINUTE SERIES 1720000 FEET SOUTH

2 MI. TO PA. 410

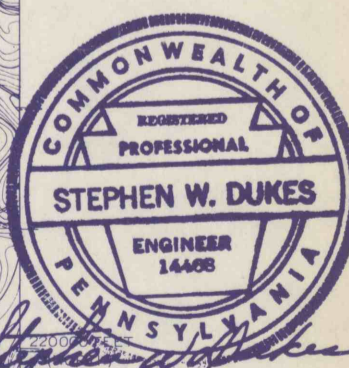


**"D" - OR LOWER
FREEPORT SEAM**

THESE 2 HOUSES
ARE TORN DOWN
COAL IS STRIPPED

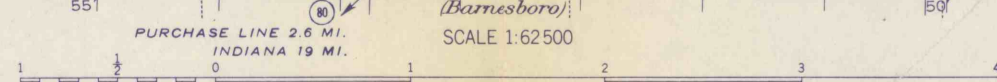
COAL CROPS OUT AT
2100' ELEVATION
THESE 2 HOUSES
ARE BELOW COAL
SEAM.
NO. 1 IS AT 1900'
NO. 2 IS AT 1860'

MAHAFFEY 1 MI.
NEWBURG 5.4 MI.



Plan Prepared by Engineering Department
GWIN ENGINEERS, INC.
Consulting Engineers
Altoona, Penna. 16602

Topography by A.C. Roberts
Surveyed in 1902-1904
Partial revision in 1939 by R.F. Hamke
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue



660000m E. Polyconic projection, North American datum
CHERRY TREE 2 MI.; 5000 yard grid based on U.S. zone system, B
BARNESBORO 7.4 MI. 10000 foot grids based on Pennsylvania (North)
and Pennsylvania (South) rectangular coordinate systems

ROAD CLASSIFICATION
Heavy duty _____
Medium duty _____
Unimproved dirt _____
U.S. Route _____
State Route _____

Contour interval 20-feet
Datum is mean sea level

WILLOWBROOK COAL MINING CO. INC.
BELL TWP., CLEARFIELD CO., PA.

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

JANUARY 31, 1968

68-1-7

