

Exploration Services
Division
Authorization
290-00-015

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14-35' below B seam

LEGEND

DOMINANT GRAIN SIZE OF ROOF ROCK

- CLAY
- SILT
- SAND

DRILL HOLE NO. DRILL HOLE LOCATION

OVERBURDEN SEAM HEIGHT

COAL ELEV. ROCK TO 5' ABOVE COAL

IMMEDIATE ROOF IN SEAM SULFUR

IN SEAM ASH

UPPER FREEPORT UNCONTROLLED AREA

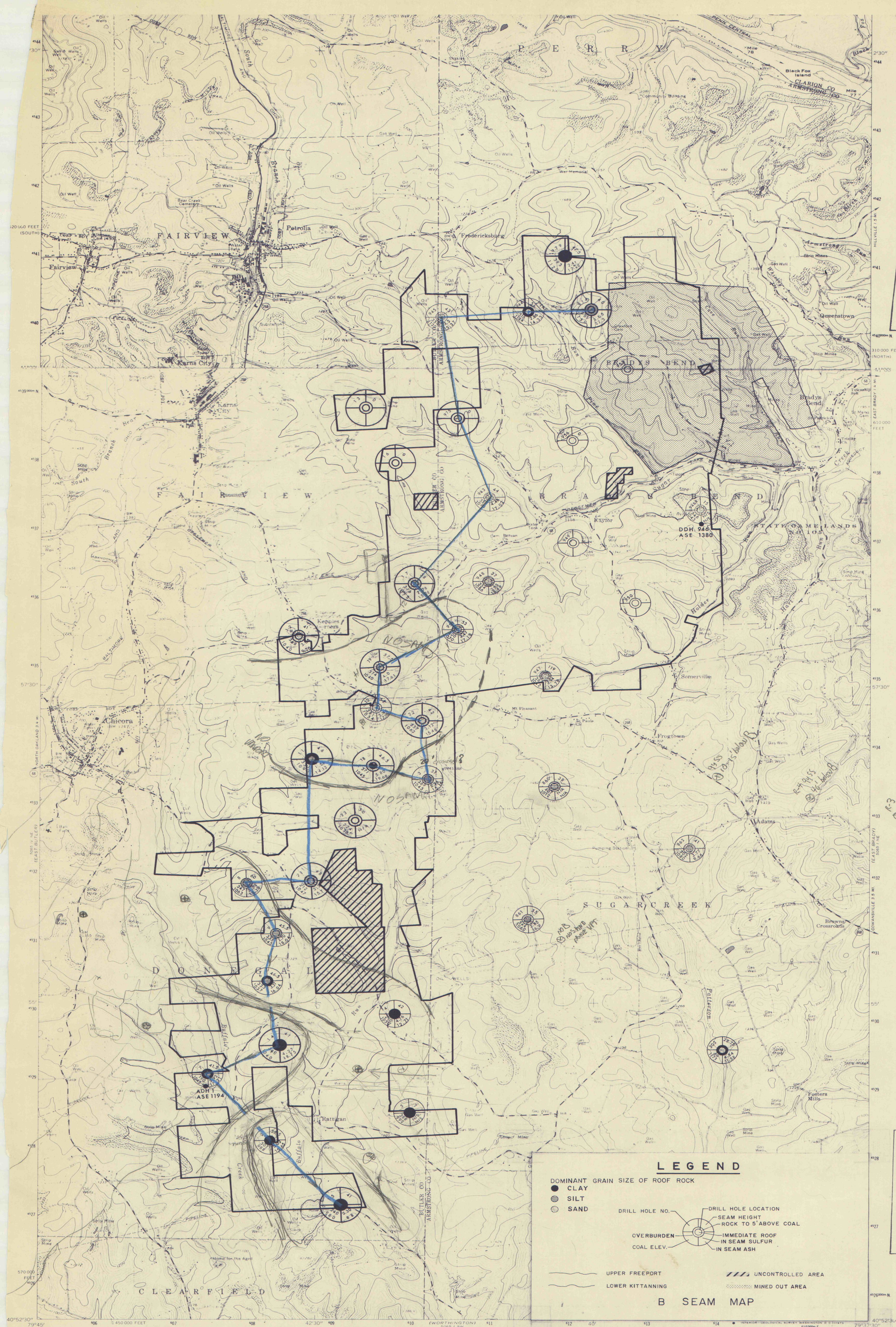
LOWER KITTANNING MINED OUT AREA

B SEAM MAP

ROAD CLASSIFICATION

- Heavy duty
- Medium duty
- Light duty
- Unimproved dirt
- State Route

IMAPS # 12021



Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS and USCE
Topography by photogrammetric methods from aerial
photographs taken 1962. Field checked 1964
Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Revisions shown in purple compiled in cooperation with
State of Pennsylvania agencies from aerial photographs
taken 1972. This information not field checked

UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

10° 52' 30" N
107° 15' 15" W

SCALE 1:24,000

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, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PENNSYLVANIA
QUADRANGLE LOCATION

CHICORA, PA.
N4052.5-W7937.5/7
1964
PHOTOREVISED 1972