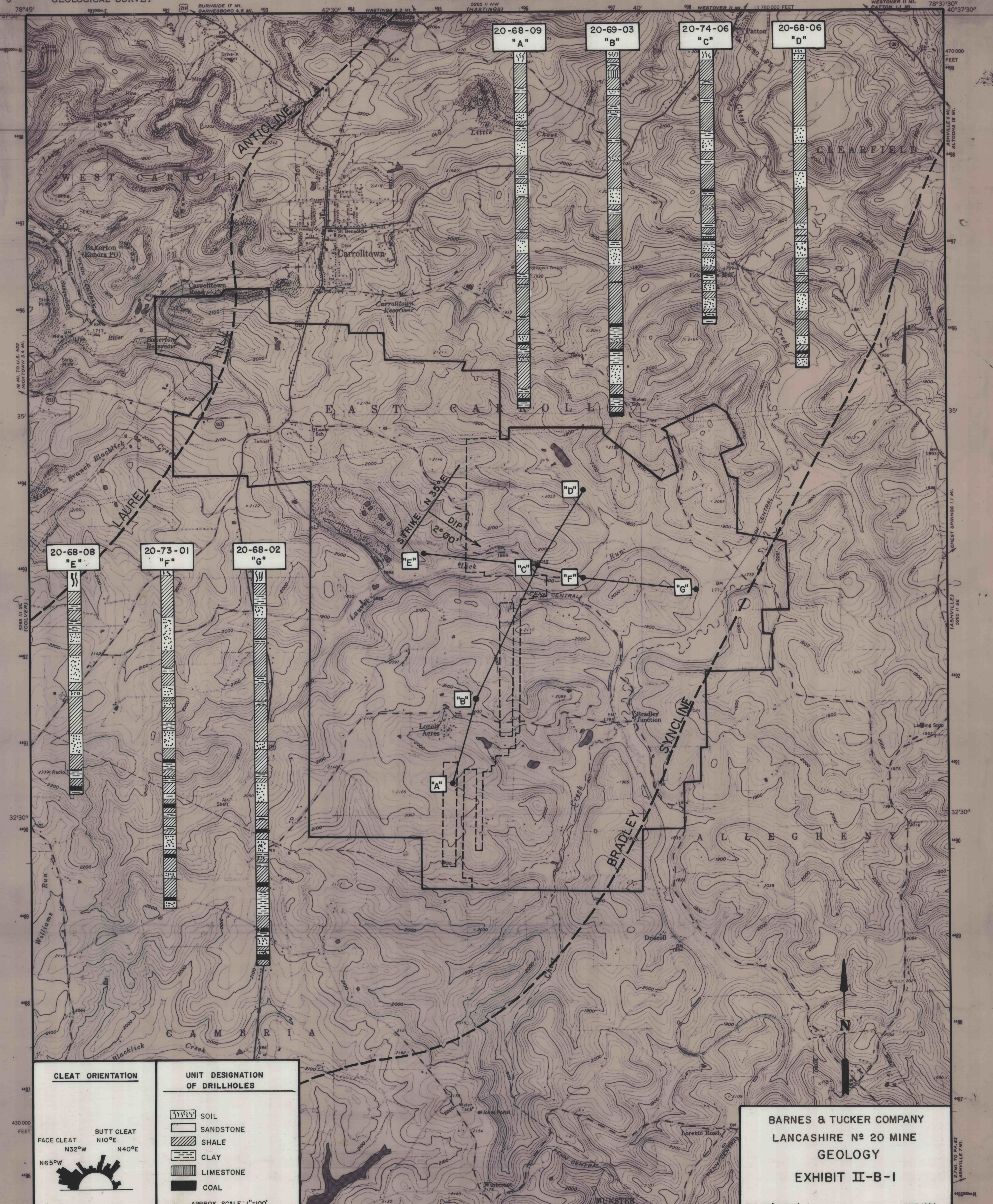


Handwritten initials/signature

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
TOPOGRAPHIC AND GEOLOGIC SURVEY

CARROLLTOWN QUADRANGLE
PENNSYLVANIA-CAMBRIA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



CLEAT ORIENTATION		UNIT DESIGNATION OF DRILLHOLES	
FACE CLEAT N32°W	BUTT CLEAT N10°E	SOIL	SANDSTONE
		SHALE	CLAY
		LIMESTONE	COAL

APPROX. SCALE: 1"=100'

BARNES & TUCKER COMPANY
LANCASHIRE No 20 MINE
GEOLOGY
EXHIBIT II-B-1

SCALE: 1"=2,000'

JUNE, 1984

Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961
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

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

PENNSYLVANIA
QUADRANGLE LOCATION

CARROLLTOWN, PA.
N4030-W7837.5/7.5
1961
PHOTOREVISED 1972
AMS 5265 11 SW-SERIES V831

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

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1972. This information not field checked

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