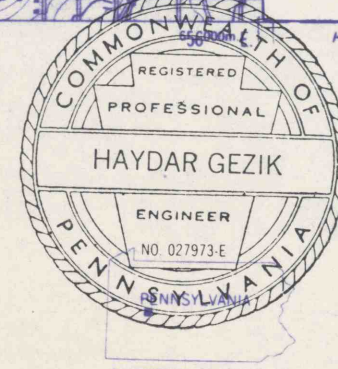
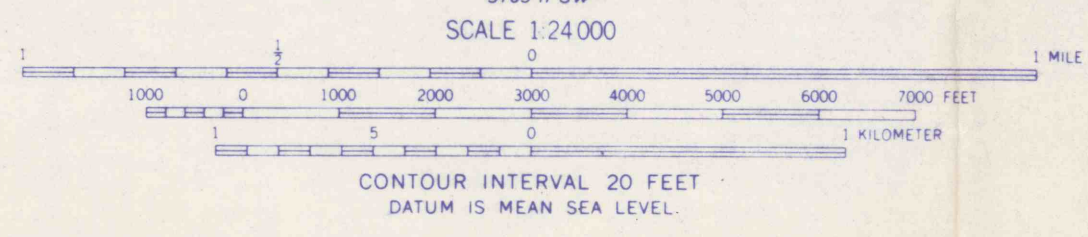
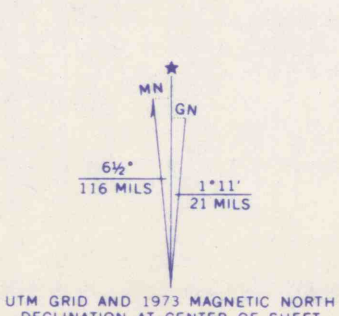


EXHIBIT 3A - LOCATION MAP
EXISTING EROSION & SEDIMENTATION CONTROL AREA
O'DONNELL No. 4 MINE
EXHIBIT 3A

O'DONNELL COAL COMPANY
M.D.P. #3274301 SUB. PERMIT #421-1
WASHINGTON TOWNSHIP INDIANA CO.
UPPER FREEPORT SEAM ALLEGHENY GROUP
SCALE: 1"=2000 DRN: R.W.H.
DATE: 10-1-86

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial photographs taken 1961. Field checked 1963
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
Red tint indicates area in which only landmark buildings are shown



ROAD CLASSIFICATION

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

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 1973. This information not field checked

ERNEST, PA.
N4037.5 - W7907.5 / 7.5
1963
PHOTOREVISED 1973
AMS 5165 II NW - SERIES V831

Dept. of Environmental Resources
Mandatory District Office
OCT 03 1986