

LEGEND

- (1720 ACRES) UNDERGROUND PERMIT AREA
- (47.8 ACRES) SURFACE ACTIVITY SITE LIMIT
- (1402 ACRES) SUBSIDENCE CONTROL BOUNDARY
- PROPERTY LINE
- PROPERTY OWNER INDEX NUMBERS
- STRUCTURE NUMBER
- BOTTOM COAL ELEVATION
- PERENNIAL STREAM
- INTERMITTENT STREAM
- ROAD
- UNIMPROVED ROAD
- UTILITY LINE (T-Telephone, E-Electric)
(W-Water, G-Gas)
- COMMERCIAL/PUBLIC/INDUSTRIAL BUILDING
- OCCUPIED BUILDING
- UNOCCUPIED BUILDING
- POND
- GASWELL
- PERMITTED GASWELL/
PERMIT APPLIED FOR
- FRACTURE TRACE
- MINING FOR PERIOD 7/31/01 TO 1/31/02
- 200' MINING BARRIER - PERENNIAL STREAM
NO MINING
- 50% MINING
- NO SECOND MINING
- ZONE OF POTENTIAL INFLUENCE
- POND SAFETY ZONE
- PROTECTED STRUCTURE
50% MINING
- AREA TO BE MINED IF FAVORABLE CONDITIONS PREVAIL
- RETREAT MINING

NOTES

- ALL MINERAL OWNED BY NORTH AMERICAN COAL ROYALTY COMPANY
- MINING DEFERRED IN PREVIOUS PROJECTION HAVE NOT BEEN AFFECTED
- ENTRIES 20' WIDE
CROSS CUTS 20' WIDE
- ANY PILLAR CROSSING SUPPORT LINE TO BE LEFT IN ENTIRETY
- THIS MAP MEETS ALL REQUIREMENTS OF CHAPTERS 75.372 AND
75.1200 (30 CFR 75)
- THERE ARE NO KNOWN MINE WORKINGS UNDERLYING OR OVERLYING
THE MINE PROPERTY
- THIS AREA CAN BE FOUND ON THE BOLIVAR 7.5 MINUTE QUADRANGLE

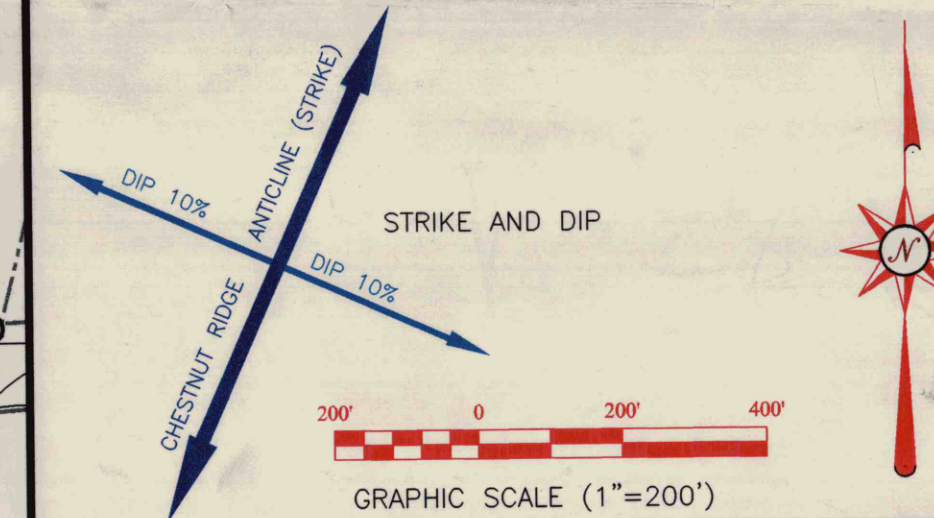
3 OF 4

1 OF 4

MAP KEY

4 OF 4

2 OF 4



ENGINEER
DATE 2/28/01
SURVEY DATE AS SHOWN ON MAPS

SIX MONTH PROJECTIONS
SHEET 1 OF 4
BURRELL MINE
UPPER FREEPORT SEAM
PENNAMERICAN COAL, L.P.
BURRELL TOWNSHIP
INDIANA CO
RD1, BOX 119 A
AVONMORE, PA 15618