

North American
Coal Royalty

Commonwealth of Pennsylvania
State Game Lands

Amfire Mining

Commonwealth of Pennsylvania
State Game Lands

Amfire Mining

LEGEND

- UNDERGROUND PERMIT BOUNDARY 1880 ACRES
- SUBSIDENCE CONTROL BOUNDARY 1305.74 ACRES
- OCCUPIED DWELLING
- UNOCCUPIED STRUCTURE
- PARCEL IDENTIFICATION NUMBER
- SURFACE PROPERTY LINE
- COAL OWNERSHIP LINE
- COAL OWNER
- STREAM
- ROAD
- STRUCTURE CONTOUR LOWER FREEPORT SEAM
- SURVEY STATION (FINAL TAKEUP 06/22/2007)
- CHECK SURVEY STATION (CLOSED LOOP)

08-07-110

08-07-128

09-02-102

09-02-103

1. SURFACE FEATURES DEPICTED HEREON ARE FROM USGS BRUSH VALLEY & STRONGTOWN QUADRANGLE AS WELL AS FROM LOCAL SURVEY.
2. PROPERTY LINES ARE FROM INDIANA COUNTY TAX MAPPING AND DO NOT REPRESENT ACTUAL SURVEYS.
3. MAPPING COORDINATE SYSTEM IS NORTH AMERICAN DATUM OF 1983 (NAD83) PENNSYLVANIA STATE PLANE SOUTH ZONE.
4. NO DEEP MINE EXISTENCE WITHIN 100' OF THE EXISTING PERMIT.
5. DEEP MINE SURVEYED BY CLOSED LOOP METHOD, MINIMUM ACCURACY 1:10,000.

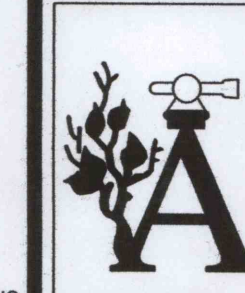


I CERTIFY THAT THIS MAP IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE ACCORDING TO CURRENT SURVEYING PRACTICES WHICH APPLIGATE WAS CONTRACTED TO PERFORM.

THIS IS A PRELIMINARY MAP SUBMITTED BY APPLIGATE FOR THE PORTION OF THIS MINE THAT THEY SURVEYED. ONE ENGINEER IS RESPONSIBLE FOR MAKING ANY CHANGES UNTIL FURTHER NOTICE.

SCALE: 1"=100'

LAST SURVEY BY APPLIGATE SERVICES
AMFIRE Mining Company, LLC
GILLHOUSER RUN MINE
CMP# 32011302 MSHA ID: 36-09033
LOWER FREEPORT COAL SEAM
BRUSH VALLEY & BUFFINGTON TOWNSHIPS
INDIANA COUNTY, PENNSYLVANIA



MAP PREPARED BY:
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REVISION DATE

05/09/2008

DRAWN BY:

NEG

SCALE:

1" = 100'

DRAWING NO.

1 OF 1