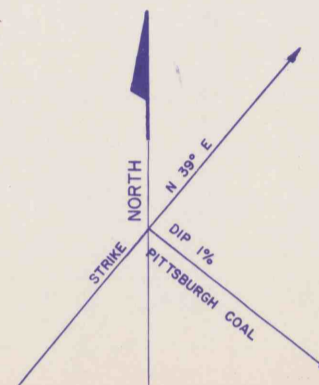


PROPERTY I.D. INVENTORY
I.D. NO. SURFACE OWNER
① BOLOGNA COAL CO.
② PAUL CIAFFONI ESTATE

STRUCTURE I.D. INVENTORY
I.D. NO. TYPE OWNER PROTECTION
① HOUSE R. CIAFFONI EST. NONE
①A BARN R. CIAFFONI EST. NONE
X ABANDONED



LEGEND

- PERMIT LINE
- 12 MONTH MINING PROJECTIONS (AREA)
- INTAKE
- RETURN
- BLEEDER
- PROPOSED STOPPING
- PERMANENT STOPPING
- PERMANENT STOPPING WITH MANDOR
- PROPOSED MINE SEAL
- PERMANENT MINE SEAL
- REGULATOR
- BOXCHECK
- CHECK CURTAIN
- LINE BRATICE
- PROPOSED OVERCAST
- PERMANENT OVERCAST
- AIRLOCK DOOR
- BELT
- PROPOSED BELT DRIVE
- PERMANENT BELT DRIVE
- LOADING POINT
- PRIMARY ESCAPEWAY
- SECONDARY ESCAPEWAY
- SURVEY STATION (UNDERGROUND)
- SURVEY POINT (SURFACE)
- PERMANENT SURFACE MONUMENT
- NOW OR FORMERLY
- COAL CONTOUR
- GAS WELL
- BOREHOLE
- UTILITY LINE
- STRUCTURE INVENTORY NUMBER
- PILLARED AREA
- DNM DO NOT MINE AREA
- HV- HIGH VOLTAGE CABLE
- PLM HIGH VOLTAGE COUPLER
- POWER CENTER LOCATION
- PERMANENT PUMP LOCATION (DEWATERING)
- FIRE VALVE LOCATION
- SURFACE BONDED AREA
- SUBSIDENCE LINE

AIR READINGS
NO. 1: 41.420 CFM
NO. 2: 19.550 CFM
BELT: 8100 CFM
RETURN: 75000 CFM
O/A: CH.

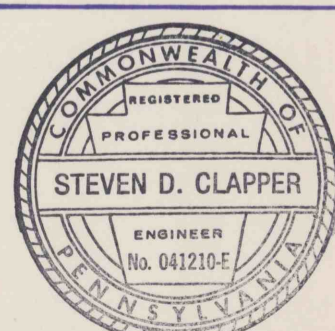
MAIN FAN DATA
MANUFACTURER: GIFFORD MANUFACTURING CO.
TYPE: BRUNNEN
SIZE: 36" DIA.
RPM: 1170
VOLTAGE: 480 V.
AMPERES: 120 A.
MOTOR DATA
MANUFACTURER: U.S. ELECTRIC MOTOR, INC.
TYPE: 30 HP
VOLTAGE: 480 V.
AMPERES: 40 A.
MOTOR SPEED: 1725 RPM

BOLOGNA COAL COMPANY
P.O. BOX 271
BURGETTSTOWN, PA. 15021

FINAL MAP

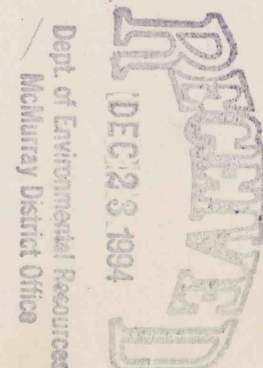
AVELLA MINE
CROSS CREEK TOWNSHIP
WASHINGTON COUNTY
MSHA ID NUMBER 36-02023
PA M.A.P. NUMBER 6390/302
SCALE: 1" = 200'

PREPARED BY:
Charles Engineering Services
P.O. Box 44
Lambert Furnace, Pennsylvania 15450
Phone 7427 439-1813



12/21/94 DATE

Steven D. Clapper
STEVEN D. CLAPPER, P. E.



REVISIONS / UPDATES

BY	CHKD	DATE	BY	CHKD	DATE

- NOTES:
1. ABANDONED MINE WORKINGS SHOWN ON THIS MAP WERE TAKEN FROM READER-AVAILABLE MINE MAPS AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY BY CHARLES ENGINEERING SERVICES.
2. PERMIT LINES HAVE BEEN CORRECTED DUE TO ACTUAL SURVEYS DONE BY CHARLES ENGINEERING SERVICES.
3. THIS MAP SATISFIES THE REQUIREMENTS OF 30 CFR 75.1000 AND 75.1010.
4. DESIGNER RESPONSIBLE FOR INFORMATION ON THIS MAP: BOLOGNA COAL CO. & STEVE CLAPPER.
5. SURVEY BY CLOSED LOOP METHOD WITH AN ACCURACY OF AT LEAST 1 IN 5000.
6. NO UNDERLYING OR OVERLYING UNDERGROUND MINING ACTIVITY IS PRESENT.
7. SEE EXHIBIT 1 FOR ADJACENT PITTSBURGH SEAM DEEP MINES.
8. ALL THESE PERMANENT MONUMENTS ARE CONCRETE MONUMENTS WITH AN IRON PIN.
9. THERE ARE NO KNOWN GAS WELLS WITHIN 500' OF THE MINE.