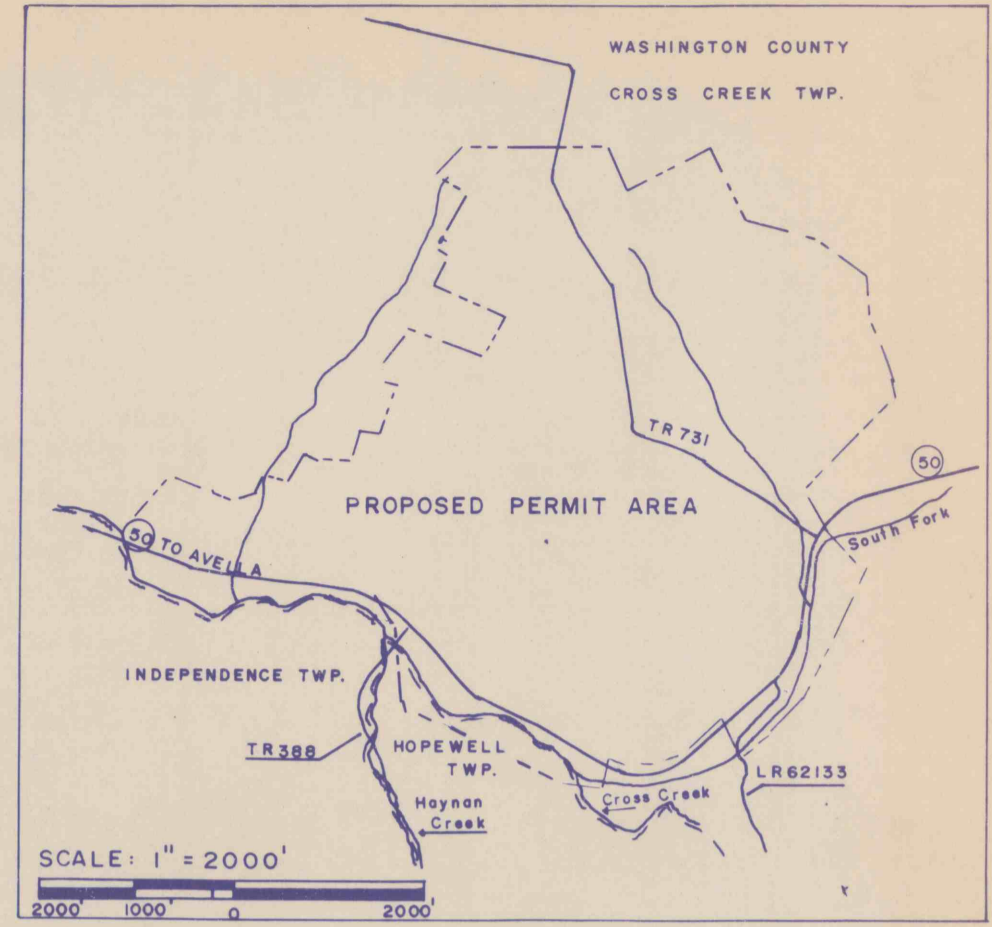


TEST HOLE No.	SURFACE ELEVATION	COAL BASE ELEVATION (Pittsburgh)
1A	925.3'	882.47'
2	946.9'	791.90'
3	1125.9'	874.90'
4	1166.5'	860.00'
5	1131.7'	881.70'
5A	1130.0'	879.00'
6	1081.2'	848.20'
7	969.7'	807.45'
8	1122.6'	811.40'
9	956.2'	783.20'
10	1026.5'	869.25'
11	1118.8'	863.50'
12	1094.7'	855.70'
13	1161.9'	857.60'
14	1251.1'	807.80'
15	1139.5'	824.50'
16	1116.4'	887.40'
17	1133.5'	887.50'
18	922.0'	882.00'
OB	923.8'	881.80'

WELL OWNER	SURFACE ELEVATION	SAMPLE POINT
Edward C. Zatta	1100'	SP-9
Dorothy Corrich	1085'	SP-13
Bruce Hines	1145'	SP-10
Paul Margaria	1160'	SP-12A
James Stefkovich	1150'	SP-14
Edward Margaria	1205'	SP-15
Raymond Margaria	1190'	SP-16
Bonovich/Baccaluto	985'	SP-21
William Visnich	970'	SP-22
Avella School Jointure	880'	SP-23



STRUCTURE INVENTORY

NO.	TYPE	OWNER	PROTECTION
1	House	Ciaffoni, Est.	None
1A	Barn	Ciaffoni, Est.	None

\*Abandoned, no waivers needed.

**PROPERTY LINES (SUBSURFACE OWNER)**

**LIMITS OF DEEP MINE PERMIT AREA**

**BARRIERS (BUILDING VARIANCE AREAS (STREAMS, ROADS, GAS WELLS))**

**DIVERSION DITCHES (See Figure 3)**

**TOPSOIL STORAGE (See Figure 3)**

**SPOIL STORAGE (See Figure 3)**

**SPRINGS (SEEPS AS NOTED)**

**PRIVATE WATER SUPPLY (Well = W)**

**BACKGROUND SAMPLING POINT**

**WATER MONITORING POINT**

**HAUL ROADS (EXISTING/NEW)**

**DEEP MINE ENTRY**

**SEDIMENTATION BASIN (SB)**

**TREATMENT BASINS**

**BUILDINGS (DWELLING, BARN, TRAILER, OUT BUILDING)**

**GAS/ELECTRIC LINES**

**PITTSBURGH COAL ELEV. CONTOUR**

**DEEP MINE (MINE POOL TO 930')**

**TEST HOLES**

**SURFACE MINES**

**SURFACE & DEEP MINES ABANDONED IN PITTSBURGH SEAM**

**PITTSBURGH COAL OUTCROP**

PHASE I MINING	PHASE II MINING
YEAR - AREA	YEARS 6 - 10
1	2
2	3
3	4
4	5
5	

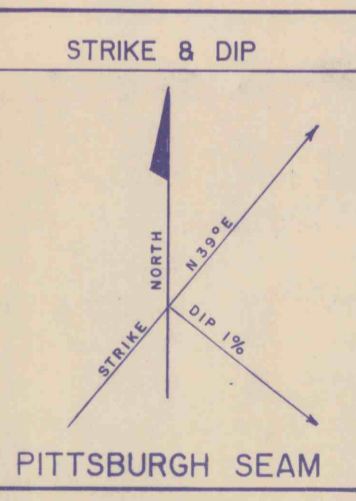
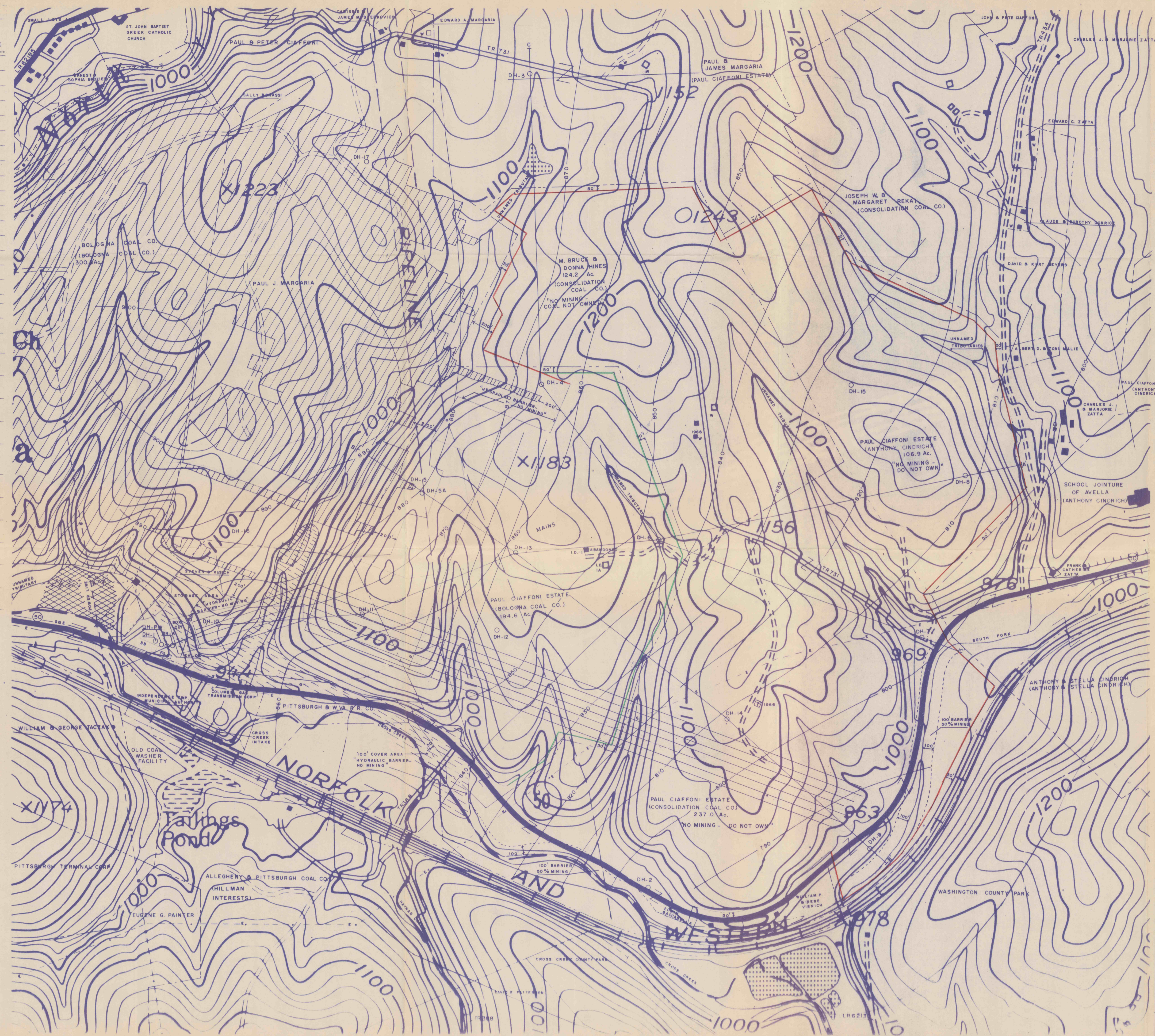
**PHASE III MINING**  
YEARS 11 - 15

**SUBSIDENCE CONTROL BOUNDARY**

COVER - 100' or less

HYDRAULIC BARRIER - NO MINING

**WET LANDS**



**EXHIBIT I**

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

OPERATOR- **AVELLA RESOURCES, INC.**  
P.O. BOX 206  
AVELLA, PA 15312

**AVELLA MINE # 1**

MSHA ID # 36-08253

CROSSCREEK TOWNSHIP  
WASHINGTON COUNTY  
SCALE: 1"=400'

DATE

R. L. GARBART, P. E.

PREPARED BY:  
CHARBEL ENGINEERING SERVICES  
P.O. BOX 4-A  
LEMONT FURNACE, PA 15456  
PHONE: 1412/439-5225