



**LEGEND:**

- OCCUPIED STRUCTURES
- UNOCCUPIED STRUCTURES
- PRIOR SURFACE MINING
- EXISTING DEEP MINING
- PITTSBURGH COAL SEAM OUTCROP
- PITTSBURGH RIDER OUTCROP
- REDSTONE COAL OUTCROP
- STRUCTURE CONTOURS (PITTSBURGH)
- DIRECTION OF GROUNDWATER FLOW
- OVERHEAD ELECTRIC LINE
- VARIANCE AREAS
- 177 AC. PROPOSED PERMIT AREA
- EXISTING MINE - KEY TO MODULE 7.5

**BACKGROUND & PROP. MONITORING POINTS**

No	DESCRIPTION	FLOW(gpm)	pH	S.C.	ELEV.	DATE
MP-1	DEEP MINE DISCHARGE	1	3.5	1155	1400	12/14/81
BS-2	POND	-	6.6	97	1370	"
MP-3	SPRING	1.5	6.6	195	1325	"
BS-4	SEEP	1	6.9	425	1370	"
BS-5	SEEP	0.25	6.6	335	1340	"
MP-6	INTERMITTENT STREAM	10	6.9	360	1310	"
MP-8	STREAM	340	7.5	350	1250	"
MP-10	STREAM	340	7.6	415	1265	"
MP-11	UNNAMED TRIBUTARY	-	7.5	488	1210	11/17/82
MP-12	DEEP MINE DISCHARGE	-	6.5	1075	1400	"
MP-13	UNNAMED TRIBUTARY	-	7.0	663	1255	"
MP-14	DEEP MINE DISCHARGE	-	7.0	1163	1360	"
MP-15	DEEP MINE DISCHARGE	-	7.0	1206	1380	"
MP-16	UNNAMED TRIBUTARY	0	-	-	1375	"

**DEEP MINE DISCHARGES**

MP-1	DEEP MINE DISCHARGE	1	3.5	1155	1400	12/14/81
MP-12	"	-	6.5	1075	1400	11/17/82
MP-14	" (SEE U.S.G.S. SHEET)	-	7.0	1163	1360	"
MP-15	"	-	7.0	1206	1380	"
BS-17	STRIP PIT	0	4.7	500	1420	8/23/83
BS-18	HYPOCRITE RUN	100	7.2	840	1190	"
BS-19	SEEP	DRY	-	-	1310	"
BS-20	SEEP	DRY	-	-	1300	"

**SLOPE MEASUREMENTS**

No	DESCRIPTION	FLOW(gpm)	pH	S.C.	ELEV.	DATE
A-A'					12.5°	
B-B'					10.3°	
C-C'					5.4°	
D-D'					4.3°	
E-E'					8.3°	
F-F'					11.3°	
G-G'					9.8°	
H-H'					5.3°	
I-I'					9.0°	

**NOTE:** ALL OCCUPIED STRUCTURES SHOWN WITHIN 1000' HAVE AS RESIDENTS THE PROPERTY OWNERS UNLESS OTHERWISE INDICATED. ALL UNOCCUPIED STRUCTURES SHOWN ARE EITHER BARN, GARAGES OR OUTBUILDINGS.

No	DESCRIPTION	FLOW(gpm)	pH	S.C.	ELEV.	DATE
BS-21	SEEP	DRY	-	-	1350	8/23/83
BS-22	SEEP	DRY	-	-	1400	"
BS-23	SEEP	DRY	-	-	1400	"

**ENVIRONMENTAL RESOURCE MAP  
MODULE 6.2**

**D.L. WEIMER COAL CO.**  
BITUMINOUS SURFACE MINING OPERATION  
SITUATE  
FAIRFIELD TWP, WESTMORELAND CO., PA.

SCALE	<b>GWIN, DOBSON &amp; FOREMAN, INC.</b>	DATE
1"=400'	CONSULTING ENGINEERS ALTOONA - PENNSYLVANIA	2/18/1983 8/25/1983