

TB #2. MEADE ST.

TB #5. BATTIN ST.

DEPTH	DESCRIPTION	RUNS	CORE REC'D	CONDITION	DEPTH	DESCRIPTION	RUNS	CORE REC'D	CONDITION	DEPTH	DESCRIPTION	RUNS	CORE REC'D	CONDITION
0.0'	MACADAM	0.2'			0.0'	GRAY SHALE	9.5'			0.0'	GRAY SHALE	9.5'		
5.0'	BLACK SILT & PIECES OF SHALE.	7.5'			45.0'	BONEY COAL	45.0'			95.0'	GRAY SANDSTONE	100.0'	10.0'	HARD FRACTURED
10.0'		10.0'	2.2'		48.5'	GRAY SHALE				95.0'	GRAY SHALE			
15.0'	GRAY SHALE STARTED CORING @ 7.5'	19.0'	9.0'		49.0'	BONEY COAL	49.0'			95.0'	GRAY SHALE	50.0'	4.7'	
20.0'		25.0'	5.5'		50.0'	GRAY SHALE	50.0'	4.7'		95.0'	GRAY SHALE	52.5'		MED. HARD FRACTURED
25.0'		33.0'	7.9'	MED. HARD FRACTURED	55.0'	GRAY SANDSTONE	55.0'	5.0'		100.0'	GRAY SANDSTONE	100.0'	5.0'	
30.0'	GRAY SANDSTONE	37.0'	3.2'		60.0'	GRAY SHALE	60.0'			105.0'	GRAY SHALE	62.0'	6.9'	HARD SLIGHTLY FRACTURED
35.0'		38.0'	0.0'	VOID	63.5'	VOID	63.5'			110.0'	END OF BORING	110.0'	9.6'	
40.0'	GRAY SANDSTONE	39.0'	0.8'	MED. HARD FRACTURED	66.5'	VOID	66.5'	0.0'						
		41.0'		MED. HARD BADLY BROKEN	67.5'	GRAY SANDSTONE	67.5'							
	GRAY SHALE & SOME PIECES OF COAL.	45.0'	2.8'		68.5'	BONEY COAL & PIECES OF SHALE	68.5'							
					70.0'	GRAY SHALE	70.0'							
					71.0'	VOID	71.0'	2.1'						
					71.5'	VOID	71.5'	0.0'						
					72.0'	VOID	72.0'	0.5'						
					75.5'	VOID	75.5'	2.1'						
					76.5'	GRAY SHALE	76.5'	0.0'						
					77.0'	VOID	77.0'	0.5'						
					77.5'	VOID	77.5'	0.0'						
					79.0'	VOID	79.0'	1.0'						
					85.0'	GRAY SHALE	85.0'	5.4'						
					90.0'	GRAY SHALE	90.0'							

NOTE: GROUND WATER DEPTH 92.0' 4/27/77

DEPTH	DESCRIPTION	RUNS	CORE REC'D	CONDITION
0.0'	MACADAM	0.6'	0.5'	
5.0'	GRAY SANDSTONE SEAMY	2.5'	1.8'	MED. HARD FRACTURED
10.0'	VOID	8.0'	3.5'	VOID
15.0'	GRAY SANDSTONE	12.5'	0.4'	MED. HARD FRACTURED
20.0'	VOID	17.5'	1.5'	VOID
25.0'	GRAY SHALE	25.0'	4.5'	MED. HARD FRACTURED
30.0'				
35.0'				
40.0'	END OF BORING	40.0'	5.0'	

NOTE: GROUND WATER DEPTH 20.0' 4/28/77

ADDITIONAL REMARKS

- TB #1. LOST DRILL WATER AT 10.5'. FROM 44.0' TO 51.0' DRILLED THRU BROKEN ROCK. DRILL WAS JUMPY, UNSTEADY, & BINDING. DRILLED NX FLUSH JOINT CASING TO 57.0'.
- TB #2. CASING REFUSAL AT 7.5' LOST DRILL WATER AT 20.0'
- TB #3. DRILLED THRU MACADAM, CASING REFUSAL AT 17.0'. LOST DRILL WATER AT 29.4' 4/4/77. HOLE DRY AT COMPLETION.
- TB #4. HOLE DRY AT COMPLETION; CASING REFUSAL AT 15.0'; LOST DRILL WATER AT 20.0'
- TB #5. LOST DRILL AT 4.5' CASING REFUSAL AT 0.5'
- TB #6. CASING REFUSAL AT 10.5' - WATER RUNNING AT BOTTOM OF MARCY VEIN, AT 22.0' W/NX FLUSH JOINT CASING IN VEIN, AFTER PULLING CASING OUT OF VEIN NO WATER WAS HEARD. PLACED PLASTIC PLUG AT 10.5' OF WHICH WAS TOP OF THE ROCK 6.5' ABOVE MARCY VEIN. FILLED HOLE WITH CONCRETE FROM 10.5' TO 6.5', THEN FILLED THE HOLE WITH SAND TO 3.0' FROM SURFACE, THEN PROCEEDED TO FILL THE REST OF HOLE WITH CONCRETE.

GENERAL NOTES

1. LOCATIONS OF ALL TEST BORINGS DETERMINED BY PERSONEL OF DEPARTMENT OF ENVIRONMENTAL RESOURCES.
2. WATER LEVELS SHOWN ARE THOSE MEASURED AT THE TIMES INDICATED AND MAY NOT BE INDICATIVE OF DAILY OR SEASONAL VARIATIONS IN THE WATER TABLE.
3. BORING RESULTS REPRESENT SUBSURFACE CONDITIONS AT THE BORING LOCATIONS ONLY AND ARE NOT NECESSARILY REPRESENTATIVE OF CONDITIONS AT OTHER LOCATIONS.

TEST BORINGS PERFORMED BY
 THE **SMELTZER AND FAHERTY** DRILLING CO.
 A DIVISION OF
PENNSYLVANIA TESTING LABORATORIES
 27 STANTON ST.
 W. PITTSBURGH, PA. 15643

FOR: COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL RESOURCES
 OFFICE OF RESOURCES MANAGEMENT
 HARRISBURG, PENNSYLVANIA
 PROJECT: CORE BORING SUBSURFACE INVESTIGATION
 BOROUGH OF DUNMORE - SECTIONS I & II
 CONTRACT NO. SL 459
 LACKAWANNA COUNTY, PENNSYLVANIA

TITLE: CORE BORING SUBSURFACE PROFILE
 BORE HOLES #2 AND #5.
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