
 CH2MHILL	PROJECT NUMBER 177556.SA.FE	BORING NUMBER MW-182	SHEET 1 of 3
	SOIL BORING LOG		
PROJECT : Memphis Depot Remedial Investigation Plan		LOCATION : Memphis, TN	
DRILLING CONTRACTOR : Prosonic Corporation		ELEVATION:	
DRILLING METHOD/EQUIPMENT: Rotosonic Drilling		NAME OF DRILLER : Adam Marshall	
OVERBURDEN THICKNESS :		SIZE/TYPE OF BIT : 4 X 6"	
DEPTH DRILLED INTO ROCK : N/A		TOTAL DEPTH OF BORING : 76 ft-bgs	
WATER LEVELS :		LOGGER : Mike Karafa/ATL	
START : 10/19/2005		END : 10/19/2005	

DEPTH BELOW SURFACE (FT)	SAMPLE INTERVAL (FT)	RECOVERY (FT)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
					0-2: SOIL, SANDY SILT, roots, grass	0.0
					2-21: SILT, tan, loose, dry	0.0
5	0-16	100%	N/A	N/A		
10						
15						
20	16-26	100%	N/A	N/A	21-26: SILTY SAND, orangish red, loose, fine to course grain, damp	2.1 0.0
25						
30	26-36	100%	N/A	N/A	26-41: GRAVELLY SAND, orange, some silt, loose, damp, gravel up to 2.5", subangular to subrounded	0.0 1.0

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		SOIL BORING LOG					
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DRILLING CONTRACTOR : Prosonic Corporation						NAME OF DRILLER : Adam Marshall	
DRILLING METHOD/EQUIPMENT: Rotasonic Drilling						SIZE/TYPE OF BIT : 4 X 6"	
OVERBURDEN THICKNESS :						DEPTH DRILLED INTO ROCK : N/A	
TOTAL DEPTH OF BORING : 76 ft-bgs							
WATER LEVELS :						START : 10/19/2005 END : 10/19/2005	
						LOGGER : Mike Karafa/ATL	
DEPTH BELOW SURFACE (FT)		SAMPLE INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION	
		RECOVERY (FT)		6"-6"-6" (N)		COMMENTS	
		#/TYPE				DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. FID (ppm)	
35	26-36	100%	N/A	N/A			
40	36-46	100%	N/A	N/A	41-44: SAND, orange, fine to medium grain, loose, damp	0.0	
45					44-45: SAND, orange, fine to medium grain, loose, damp, gravel up to 1-2", subrounded, clay lense at 45'	0.0	
					45-50: SAND, tan, fine grain, loose, damp to dry	0.0	
50	46-56	100%	N/A	N/A	50-61: SAND, orange, fine to medium grain, loose, damp	0.0	
55							
60	56-66	100%	N/A	N/A	61-64: SAND, orange, loose, fine grain, damp	0.0	
65					64-66: SAND, orange, loose, fine to coarse grain, wet, gravel up to 1/2"	0.0	



SHEET 3 of 3

SOIL BORING LOG

LOGGER : Mike Karafa/ATL

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