



PROJECT NUMBER <div style="border: 1px solid black; padding: 2px; text-align: center;">334469</div>	BORING NUMBER <div style="border: 1px solid black; padding: 2px; text-align: center;">MW-192</div>
<div style="border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">SOIL BORING LOG</div>	

PROJECT : PRB Implementation Study	LOCATION : Memphis Depot
ELEVATION :	DRILLING CONTRACTOR : Prosonic
DRILLING METHOD AND EQUIPMENT USED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)	
WATER LEVELS :	START : 3/21/2006 END: 3/22/2006 LOGGER : Mike Karafa

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (%)	#/TYPE	STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
				6"-6"-6"-6" (N)	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
					silt brown, grass, roots, saturated	Corrected FID (ppm): 0.0
					silt brown, stiff saturated	
					silt brown, stiff, dry, loess	
					silt brown, stiff, damp, loess with orange and grey silt	
5						
10						
15						
20						5.0
25						12.1
30						17.8
35						
					silt, sand, brown with grey sand, siff, damp, fine grain, gravel up to 1/4"	
					gravelly sand, reddish orange, some silt, loose, fine to coarse grain, damp to wet	0.0
					gravelly sand, orange, fine to coarse grain, loose damp gravel up to 1.5" diameter	



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	RECOVERY (%)			TEST RESULTS		
				6"-6"-6"-6" (N)		
40		100				0.0
45					sand, reddish orange, fine to medium grain, loose damp sand, light tan, fine grain, loose, dry	
					gravelly sand, fine grain, loose, gravel up to 1.5" diameter	
					gravelly sand, orangish tan, fine to coarse grain, loose dry, gravel pea size up to 3	
50		100				0.0
55					sand, light tan, fine grain, loose, dry	
					sand, tannish brown, fine grain, loose, dry	
60		75				0.0
					sand, orangish brown, fine to medium grain, loose damp gravel	
65					sand, light tan, fine grain, loose, dry, gravel	
70		75				10.1



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		RECOVERY (%)			SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. <div>Corrected FID (ppm):</div>
		#/TYPE				
75					sand, orange, fine to coarse grain, loose, wet, some gravel	0.0
					silty clay, orange, stiff, damp, grey	
80						