



PROJECT NUMBER <div style="text-align: center; font-weight: bold;">334469</div>	BORING NUMBER <div style="text-align: center; font-weight: bold;">MW-172</div>
<div style="font-size: 1.2em; font-weight: bold;">SOIL BORING LOG</div>	

PROJECT : Remedial Design Investigation	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 : 3/13/2006 END: 3/13/2006 LOGGER : Mike Karafa

DEPTH BELOW SURFACE (FT)				STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION		COMMENTS	
INTERVAL (FT)				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.	
RECOVERY (%)									
#/TYPE								Corrected FID (ppm):	
						Asphalt pad and fill soil		0	
						Silt, brown, fine grain loess, dry to damp, stiff		0.0	
								0.0	
						Silt, brown, fine grain loess, dry to damp, stiff		1.5	
								0.0	
								0.0	
								0	
								0.0	
								0.0	
						Silty sand, tannish orange, fine grain, sticky, damp			
						Silty sand, orange, fine to medium grain, loose, damp			
								4.0	



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RECOVERY (%)									
#/TYPE									
								Corrected FID (ppm):	
40		100				Sand, orange, fine grain, loose			
						Gravelly sand, orange, fine to medium grained, loose, damp, gravel to 1/4", chert, subangular			
45						Gravelly sand, orange, fine to coarse grained, loose, damp, gravel to 1/2", chert, angular			
						Sand, orangish brown, fine to regular coarse grain, loose, damp		0.0	
								1.4	
50		100						0.0	
								3.0	
55								45.0	
						Gravelly sand, orangish tan, fine to coarse grained, loose, damp, gravel to 3/4", chert, angular to sub-rounded			
60		100				sand, orange, fine to coarse grain, loose, dry, gravel up to 1/4"		0.0	
65						Sand, orange, fine to coarse grain, loose, dry, gravel up to 1" diam			
						Sand, orange to tan, fine grain, loose, damp to wet, pea size gravel		0.0	
70		100							



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RECOVERY (%)									
#/TYPE									
6"-6"-6"-6" (N)								Corrected FID (ppm):	
75									
						Silty clay, orange, damp stiff			0.0
80			100			Silty clay, dark grey, damp, stiff			
85									
						Boring terminated at 88-feet			
90			100						0.0
95									
100									
105									
110									