



<b>PROJECT NUMBER</b> <div style="text-align: center; font-weight: bold;">177556</div>	<b>BORING NUMBER</b> <div style="text-align: center; font-weight: bold;">MW-187</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 : 3/14/2006      END: 3/14/2006      LOGGER : Mike Karafa

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (%)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
					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.
						Corrected FID (ppm):
					Silt, yellowish-brown, grass, damp, stiff	0
					Silt, brown, fine grain loess, dry	0.0
						0.0
					Silt, brown, loess fine grain, damp, stiff	99.0
						92
						12.0
					Silt, brown, loess fine grain, damp, stiff	12.0
						14.0
					Silty sand, tannish orange, fine grain, sticky, damp	



PROJECT NUMBER <b>177556</b>	BORING NUMBER <b>MW-187</b>
<b>SOIL BORING LOG</b>	

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 : 3/14/2006      END: 3/14/2006      LOGGER : Mike Karafa

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)			STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION  SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS  DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.  Corrected FID (ppm):
		RECOVERY (%)	#/TYPE			
40	100				Sand, reddish orange, fine grain, loose, damp	0.0
45					Sand, light tan, fine grain, loose, dry gravel up to 1.5", sub-rounded	0.0
50	100				sand, orangish brown, fine to regular coarse grain, loose, damp, gravel pea size up to 1/2" diameter	6.5
55						4.5
					Sand, tan, fine to med. grain, loose, damp, large gravel up to 4 in diam rounde	12.1
60	100				sand, orangish brown, fine to regular coarse grain, loose, damp, gravel pea size up to 1/2" diameter	
					Sand some clay, dark grey and red, wet, loose, fine to medium.	58.0
					Clay, tan, damp, sticky, approx. 2-3 in thick	0.0
					Sand, tan, fine grain, loose, damp	
65						
70	100					0.0



PROJECT NUMBER <b>177556</b>	BORING NUMBER <b>MW-187</b>
<b>SOIL BORING LOG</b>	

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 : 3/14/2006      END: 3/14/2006      LOGGER : Mike Karafa

DEPTH BELOW SURFACE (FT)				STANDARD PENETRATION TEST RESULTS		SOIL DESCRIPTION		COMMENTS	
INTERVAL (FT)				PENETRATION TEST RESULTS		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 (%)				6"-6"-6"-6" (N)					
#/TYPE								Corrected FID (ppm):	
75									
						Sand, orangish tan, fine to coarse gr, loose, pea size gravel to 1/2", chert, wet			
						Silty clay, orange with lt grey mottles, stiff damp			0.0
80			100						
85						sand, orange, fine to coarse grain, loose, damp, gravel up to 1" diameter			
						Sand, orange, loose, wet, fine grain			
						silty clay, dark grey, stiff, damp			
90			100			silty clay, dark grey			0.0
95									