



PROJECT NUMBER 170039	BORING NUMBER MW-125
SOIL BORING LOG	

PROJECT : EBT Treatability Study LOCATION : Memphis Depot
 ELEVATION : DRILLING CONTRACTOR : Boart Longyear
 DRILLING METHOD AND EQUIPMENT USED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)
 WATER LEVELS : START : 04/22/2002 END: 04/22/2002 LOGGER : Bryan Burkingstock

DEPTH BELOW SURFACE (FT)				STANDARD		SOIL DESCRIPTION		COMMENTS	
	INTERVAL (FT)		RECOVERY (%)	#/TYPE	PENETRATION TEST RESULTS 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.		
							Corrected FID (ppm): (Soil headspace)		
5	100					Gravel (parking lot)			
						Silt, brown, moist, (loess)	0.0		
							0.0		
10	100					Silt, brown, moist, (loess)			
						Sandy Clay, brownish tan, moist, fine grained, stiff	0.0		
15						Clayey Sand, dark red, fine grained, well sorted, moist			
20	100								
25									
30	100								
35									



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RECOVERY (%)									
#/TYPE								Corrected FID (ppm):	
40 <									



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						Corrected FID (ppm):
75					Same as above, Gravelly Sand	Driller's sample bag: 160.0 Ziplock: 0.0
80			100			Driller's sample bag: 227.0 Ziplock: 0.0
85						Driller's sample bag: 93.0 Ziplock: 0.0
90			100		Same as above, Gravelly Sand	Driller's sample bag: 82.0 Ziplock: 0.0
95						Watertable @ approximately 93 feet bgs
100					Same as above, Gravelly Sand	
105			100			
110					Clay, yellowish gray, dense, massive	