



PROJECT NUMBER <b>148071.FI.LB</b>	BORING NUMBER <b>SBLCA-SB-15 (MW-77)</b>
<b>SOIL BORING LOG</b>	

PROJECT : Dunn Field DNAPL Investigation LOCATION : Memphis, TN  
 ELEVATION : 304.42 feet MSL (TOC); 304.7 feet MSL (ground) DRILLING CONTRACTOR : Tri-State Testing Services  
 DRILLING METHOD AND EQUIPMENT USED : Hollow Stem Auger 3.25 inch ID  
 WATER LEVELS : 81.94 feet BTOC (01/2001) START : 11/28/2000 END: 11/29/2000 LOGGER : Bryan Burkingstock

DEPTH BELOW SURFACE (FT)				STANDARD	SOIL DESCRIPTION	COMMENTS
	INTERVAL (FT)	RECOVERY (IN)		PENETRATION	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.
		#/TYPE		TEST		
				RESULTS		
				6"-6"-6"-6" (N)		Corrected FID (ppm): (Soil headspace)
				Used Continuous CME Sampler	No Recovery	No Sample
5						
					SILT, brown, dry	0
10						
					SILT, brown, dry	0
15						
					SILT, brown, dry	0
20						
					SILT, brown, dry	0
25						
					SILT, brown, dry	3.1
30						
					SILT, brown, dry	
					SILT, brown transitioning to reddish brown, moist	10
					Transition begins @ 32 feet bgs SANDY SILT, reddish brown, fine grained	

**LEGEND**

FID Flame Ionization Detector

T Time

Boxed FID results were sampled for analytical results.

11/05/2001

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				TEST		
				RESULTS		
				6"-6"-6"-6" (N)		Corrected FID (ppm):
		43			SAND, fine grained, brownish red, well sorted	13.2
		24			SAND, fine grained, brownish red, well sorted	
80		24		Begin using 2 foot 2 inch split spoon	@ 80 feet bgs, with pebbles SAND, fine to coarse grained, yellow, with pebbles, subangular WATER TABLE @ 81 FEET BGS	Not Sampled
		24		No blow counts were measured.	SAND, fine to coarse grained, brownish yellow With pebbles, subangular	No FID below water table
		24			SAND, fine to coarse grained, brownish yellow With pebbles, subangular	
85		24			CLAY (@ 87 feet bgs) Light gray with hints of light yellow, stiff, plastic, wet	
		24			BORING TERMINATED @ 88.5 FEET BGS.	
90						
95						
100						

**LEGEND**

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