



PROJECT NUMBER 148071.FI.LB	BORING NUMBER SBLCA-SB-2 (VW-1) and MW-73
SOIL BORING LOG	

PROJECT : Dunn Field DNAPL Investigation LOCATION : Memphis, TN
 ELEVATION : 301.2 feet MSL (ground) DRILLING CONTRACTOR : Boart-Longyear
 DRILLING METHOD AND EQUIPMENT USED : Hollow Stem Auger 4.25 inch ID
 WATER LEVELS : None START : 10/16/2000 END : 10/16/2000 LOGGER : Bryan Burkingstock

DEPTH BELOW SURFACE (FT)				STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	INTERVAL (FT)	RECOVERY (IN)				
			#/TYPE			
				Used Continuous CME Sampler		<div>DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.</div> <div>Corrected FID (ppm): (Soil headspace)</div>
		36			SILT, brown, dry, compact	2.5
5						
		49.5			SILT, brown, moist	2
10						
					SILT, brown, moist	13.2
		53				
15						
		60			SILT, brown, moist	23.7
20						
					SILT, brown, moist	29
		54				
25						
		60			SILT, brown until about 28 feet bgs After 28 feet bgs, gradual transition to SANDY SILT Reddish brown, fine grained	93.8
30						
					Transition from SANDY SILT to SILTY SAND Reddish brown to red, fine grained	158.4
		53				

LEGEND

FID Flame Ionization Detector

T Time

Boxed FID results were sampled for analytical results.

11/05/2001

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INTERVAL (FT)	RECOVERY (IN)		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.
	#	TYPE			
40 45 50 55 60 65	48			Transition from SILTY SAND to SAND Red, fine grained	
	27			SAND, medium to coarse, reddish brown (tan) With pebbles (30%), subangular	376.7
	30			SAND, medium to coarse, reddish brown (tan) With pebbles (10%), subangular	238.5
	31			SAND, medium, white to yellowish tan	67.7
	33			SAND, fine to medium, light brown	144.7
	27			SAND, fine to coarse, light brown With trace pebbles, subangular	194.3
	35			SAND, medium to coarse, light brown @ 68 feet bgs, abrupt change from coarse SAND to fine SAND.	226.1
	36		Used Continuous CME Sampler	SAND, fine to medium, light brown	271.3

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			#/TYPE			
		32			SAND, fine to medium, light brown	153.9 No FID below water table
					WATER TABLE @ 78 FEET BGS	
80		0			No Recovery SAND in shoe of CME sampler	
				Begin using 4 foot 2 inch split spoon No blow counts were measured.		
85		24			SAND, medium to coarse, wet	
					SAND, medium to coarse, wet	
		36			SAND, medium to coarse, wet	
90		48			SAND, medium to coarse, wet	
					CLAY (@ 91.5 feet bgs) Light gray with hints of light yellow, stiff, plastic BORING TERMINATED @ 93 FEET BGS.	
95						
100						

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