

PROJECT :	Dunn Field DNAPL Investigation	LOCATION :	Memphis, TN
ELEVATION :	302.71 feet MSI (TOC); 303.3 feet MSL (ground)	DRILLING CONTRACTOR :	Tri-State Testing Services
DRILLING METHOD AND EQUIPMENT USED :	Hollow Stem Auger 3.25 inch ID		
WATER LEVELS :	85.13 feet BTOC (01/2001)	START :	11/20/2000
		END :	11/21/2000
		LOGGER :	Bryan Burkingstock

LEGEND

11/05/2001
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PROJECT NUMBER 148071.FI.LB	BORING NUMBER SBLCA-SB-14 (MW-76)
SOIL BORING LOG	

PROJECT : Dunn Field DNAPL Investigation	LOCATION : Memphis, TN
ELEVATION : 302.71 feet MSI (TOC); 303.3 feet MSL (ground)	DRILLING CONTRACTOR : Tri-State Testing Services
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WATER LEVELS : 85.13 feet BTOC (01/2001)	START : 11/20/2000 END: 11/21/2000 LOGGER : Bryan Burkingstock

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 (IN)			
		#/TYPE			
40		36		SANDY SILT, red, fine grained SILTY SAND, red, fine grained, with large subangular pebbles SAND, red, fine grained, well sorted	0
45		30		SAND, red, fine grained, well sorted With pebbles, subangular SAND, red, fine grained, well sorted With pebbles, subangular	0
50		45		SAND, fine grained, red to reddish yellow to red, well sorted @ 50 feet bgs: with pebbles SAND, fine grained, red to yellow to red, well sorted, no pebbles	0
55		17		SAND, fine grained, orange With pebbles, subangular SAND, fine grained, orange With pebbles (1/4 to 1 inch width), subangular	0
60		40		SAND, fine to medium grained, tan to brownish yellow, poorly sorted With pebbles (<1/4 inch width), subangular SAND, fine to medium grained, tan to brownish yellow, poorly sorted With pebbles (<1/4 inch width), subangular	0
65		44		SAND, fine to medium grained, yellow, no pebbles SAND, fine grained, light yellow, well sorted SAND, fine grained, light yellow, well sorted	0
70		42	Used Continuous CME Sampler	SAND, fine to medium grained, brownish light yellow Well sorted SAND, fine to medium grained, tan, well sorted SAND, fine to medium grained, brownish light yellow Well sorted	0
75					

LEGEND

FID Flame Ionization Detector

T Time

Boxed FID results were sampled for analytical results.

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		#/TYPE				
	42				SAND, fine grained, brownish light yellow Well sorted	0
80	46				SAND, fine grained, brownish yellow transitioning to orange With few pebbles, subangular	
					SAND, medium grained, orange, well sorted	
					WATER TABLE @ 83 to 84 FEET BGS	
85	3				SAND, fine grained	
	20			Begin using 2 foot 2 inch split spoon	SAND, medium to coarse grained, brownish yellow	
	24			No blow counts were measured.	SAND, medium to coarse grained, brownish yellow, few pebbles	
90	24				SAND, medium to coarse grained, brownish yellow, few pebbles	
	24				CLAY (@ 90.8 feet bgs) Light gray with hints of light yellow, stiff, plastic, wet	
95					BORING TERMINATED @ 93.5 FEET BGS.	
100						

LEGEND

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