



PROJECT NUMBER 113630.01.ZZ	BORING NUMBER MW-65
SOIL BORING LOG	

PROJECT : DDMT October 1998 Well Installation

LOCATION : Memphis, TN

ELEVATION : BTOC (flush) = 283.22 ft

DRILLING CONTRACTOR : Boart-Longyear, Little Falls, MN

DRILLING METHOD AND EQUIPMENT USED : Rotasonic 4" x 6" Method

WATER LEVELS : 50.86 ft (11/12/98)

START : 11/5/98

END : 11/5/98

LOGGER : T. Proper/ATL

DEPTH BELOW SURFACE (FT)				STANDARD	SOIL DESCRIPTION	COMMENTS
INTERVAL (FT)				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.
RECOVERY (FT)				TEST RESULTS		
#/TYPE				6"-6"-6"-6" (N)		
5	5				Top 4' of topsoil- light brown, dry, in stiff clumps, root material. 	

LEGENDFID Flame Ionization Detector
SPT Split Spoon Sample02/13/2001
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PROJECT NUMBER 113630.01.ZZ	BORING NUMBER MW-65
SOIL BORING LOG	

PROJECT : DDMT October 1998 Well Installation

LOCATION : Memphis, TN

ELEVATION : BTOC (flush) = 263.22 ft

DRILLING CONTRACTOR : Boart-Longyear, Little Falls, MN

DRILLING METHOD AND EQUIPMENT USED : Rotasonic 4" x 6" Method

WATER LEVELS : 50.86 ft (11/12/98)

START : 11/5/98

END: 11/5/98

LOGGER : T. Proper/ATL

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
		RECOVERY (FT)			
		#/TYPE			
35				Bottom 3" about 40% gravel.	
40				CLAY (CL)- brown, moist to wet, very soft. Same as 25'-30' but gray. Same except brown. Same except orangish-brown.	
45				Larger gravel (1") and clay layer.	T=1605 T=0745 (11/6/98) Collect sample for grain-size analysis at 45'-50'.
50		10		Same except tan to light brown. Bottom 3" larger gravel (1"-2"). FAT CLAY (CH)- orangish-brown with gray mottling and rust stains, moist, firm, moderate plasticity. Same except stiff.	0 Jackson-Clayborne?
55					T=1615 Stop drilling for the day.
60					T=0634 (11/6/98) Set Well Bentonite pellets: 52.0'-56.0' TD: 51.3' Plug: 50.8'-51.3' Screen interval: 40.8'-50.8' Sand: 36.5'-52.0' Grout: GS-36.5'
65					

LEGEND

FID Flame Ionization Detector
SPT Split Spoon Sample

02/13/2001

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