PROJECT NUMBER 177556



MW-188

SOIL BORING LOG

BORING NUMBER

PROJECT : Remedial Design Investigation			stigation	LOCATION : Memphis Depot		
ELEVATION :			DRILLING CONTRACTOR : Prosonic ED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)			
WATER LEV		EQUIPMEN	START :		Mike Karafa	
	W SURFACE (FT)	STANDARD	SOIL DESCRIPTION	COMMENTS	
	ERVAL (FT)		PENETRATION			
	RECOVE		TEST	SOIL NAME, USCS GROUP SYMBOL, COLOR,	DEPTH OF CASING, DRILLING RATE,	
		#/TYPE	RESULTS	MOISTURE CONTENT, RELATIVE DENSITY,	DRILLING FLUID LOSS,	
			6"-6"-6"	OR CONSISTENCY, SOIL STRUCTURE,	TESTS, AND INSTRUMENTATION.	
			(N)	MINERALOGY. Silt, yellowish-brown, grass, damp, stiff	Corrected FID (ppm): 0	
_	ł					
				Silt, brown, fine grain loess, dry		
	100				0.0	
-	i				0.0	
_						
5	i					
!						
- i	4				5.7	
i	i					
-	-					
10	100					
_i	i					
	-			Silt, brown, loess fine grain, damp, stiff		
-						
_	ļ					
15	i					
19	-					
<u> </u>	<u>i</u>					
	1					
-i	i					
_	-					
20	100					
I	i i					
-i	i					
_					56.0	
	i			Silt with sand, brown, red sand stiff, damp, fine grained		
i i	i i					
25						
	i					
-	į			Sand, orange, some silt, loose to sticky, fine grained, damp	12.0	
30	100					
· · · ·	100					
	i					
_i	i					
	i					
-	!					
35					1	
i	i			Sand, orangish tan, loose, fien grained, dry		
	-					
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PROJECT NUMBER 177556 BORING NUMBER MW-188

CH2MHILL

SOIL BORING LOG

OJECT : EVATION		n Investigation	LOCATION : Memphis Depot DRILLING CONTRACTOR : Prosonic	
		MENT USED : Rotasonio	rig (4 inch sample casing / 6 inch outer casing)	
TER LE\	VELS :	START :		R: Mike Karafa
	OW SURFACE (FT)	STANDARD	SOIL DESCRIPTION	COMMENTS
INTE	ERVAL (FT) RECOVERY (%) #/TYPE	PENETRATION TEST RESULTS 6"-6"-6"	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE,	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
		(N)	MINERALOGY.	Corrected FID (ppm):
	100		Gravelly sand, orangish tan, fine to coarse, loose, damp, pea size gravel to 1/2" diam.	0.0
				0.0
	100		Sand, light tan, fine grain, loose, dry	0.0
			Sand, light tan, fine grain, loose, dry	0.0
 	100		Sand, tan, fine to med. grain, loose, damp, large gravel up to 4 in diam round	0.0
-				50.0
				58.0 0.0
-1 -1 -1			Sand, orangish tan, fine to coarse gr, loose, pea size gravel to 1/2", chert, damp Sand, orangish tan, fine grained, dry, loose, gravel up to 1/2" diam	0.0
	100			

CH2MHILL

PROJECT NUMBER 177556 BORING NUMBER MW-188

SOIL BORING LOG

PROJECT :	Remedial	Design Inve	stigation	LOCATION : Memphis Depot		
ELEVATION	N :	-		DRILLING CONTRACTOR : Prosonic		
		QUIPMENT		rig (4 inch sample casing / 6 inch outer casing)		
WATER LEV	VELS : DW SURFACE (F1	r)	START : STANDARD	3/15/2006 END: 3/15/2006 LOGGER SOIL DESCRIPTION	Mike Karafa COMMENTS	
	ERVAL (FT)	1)	PENETRATION	SOIL DESCRIPTION	COMMENTS	
	RECOVER	Y (%) #/TYPE	TEST RESULTS	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY,	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS,	
			6"-6"-6"-6"	OR CONSISTENCY, SOIL STRUCTURE,	TESTS, AND INSTRUMENTATION.	
			(N)	MINERALOGY.	Corrected FID (ppm):	
75 					0.0	
80 <u> </u>	100			Silty clay sand, orange, gravel and cobbles, saturated, loose cobbles up to 3* diam	-	
				Sandy clay, orange stiff, fine grained, wet	-	
⁸⁵				Gravelly sand, orange, very coarse, loose, saturated, cobbles and gravel	-	
				silty clay, orange with dark grey mottles, stiff, damţ		
90 <u> </u>	100			silty clay, dark grey, massive, stiff, damr	0.0	
 95						
				Boring terminated at 98-feet	-	
100						
_ _ 105						
-						
_ _ 110						