PARSONS ENGINEERING SCIENCE SOIL BORING LOG AND WELL CONSTRUCTION RECORD

					1			Page 1 of 3				
		EHNC				Drainat I D	720003 00	rege (O) 3				
		mphis .D. <u>S</u> E		<u> </u>		Project I.D. <u>732283.02</u> Well I.D. <u>MW-58</u>						
				r Ros	s Surrency	Date Installed 8/20/98						
		Method				Date Installed 6/20/98						
					meter Split Spoon	Casing Material 2" Diameter sch 40 PVC						
		arted	_		mic ter Obit Opcon	Screen Mat	erial <u>0.010 Sid</u>	at 2" PVC				
		mplet			97		rval (ft) <u>0-5</u> 7					
					and Engineering		nterval (ft) <u>5</u>					
					15"to 10': 8" to 68,5'	Sump Installed? NO						
1		rilled				Well Depth (ft) 67.5						
					285,46	TOC Elevation (ft) 285.42						
		o Wate				Water Level (ft) 224.27						
		easure				Date Measured 8/26/98						
OEPTH (feet)	SAMPLE	SLOWS/6 IN	% REC.	HNu/OVA (ppm)	LITHOLOGIC DESCR	RIPTION	SOIL CLASS FOR THE SOIL CLASS	WELL DIAGRAM				
5	SAM	BLOWS	34	AN PO	ETMOEGOTO BEGGNET TECH		S Log					
0-	X	N/A,	N/A	N/A			ML * · · · · · · · · ·					
•	ML	5,6,	95	0	SILT, some clay, strong brown, (7.	5YR-5/A) a+ 15'						
	M	6,5	1		color is red, (10YR-5/6), gravel la	ver at 2.5', some	1 2 2 2 2					
	\mathbf{H}				cobble material, wet at 2.5', (loess	3).	GMV OV					
ł	IXF	4,5, 95 21,15		0.1	3-3.5' gravel as above, 3.5-4.5, CLAY and SILT,			Harring Control				
5-	()	21,15			strong brown, (7.5YR-4/8), at 4.5	' CLAY, red	=====					
_	-IYI	4,8,	80	0	(2.5YR-5/8), dry, trace slit, (loes		=====					
Γ	N	8,14			CLAY, some silt, strong brown (7.5 slightly moist, (loess).	YR-5/8), hard,		1				
	M	3.0	80	0	1 -							
ļ	IXF	3, 5, 10,17	•0		CLAY, as above							
	\mathcal{H}						=====					
10-	4XI	6,8,	20	0	CLAY, some silt, reddish yellow (7.	5YR-6/8), moist,	=====					
	\mathcal{L}	8,14			firm.		======					
	M	3,3,	40	o	CLAY, as above							
İ	\mathbb{N}	5,7			CLAT, as above							
į	\mathbf{A}			1 _			=====	יול				
	IXF	3,4, 6,9	80	0	CLAY, as above			_ -				
15-	+ 1	0,0	1	ļ				ite ite				
	4							Bentonite				
	11							Be				
	7											
	M			_			ML ·····					
20-	₩	4,5,	20	0	SILT, some clay, trace pebbles, so	oft to firm, brown						
1	$ \Box $	8,-			(7.5YR-5/4), moist, (loess).							
	1			1								
				İ								
]		1									
	\square						CL =====					
25-	-W	3,6,	60	0	CLAY, some silt, little sand, medium		=====					
ł	47	8,-			(7.5YR-5/6), firm, slightly moist, (loess).						
•]		1		1							
_	7			1 _								
	M	5,11, 36, –	80	0			=====					
1	$-i\Delta$	55, -	L					WRAP				

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ite <u>Me</u> foring jeologi	EHNC mphis I.D. SE ist Ros	3-5		Y	Page 2 of 3 Project I.D. <u>732283.02</u> Well I.D. <u>MW-58</u> Date Installed <u>8/20/98</u>					
(feet)	BLOWS/6 IN	#REC.	HNu/OVA (ppm)	LITHOLOGIC DESCRIP	PTION	GRAPHIC LOG		WELL DIAGRAM		
30				CLAY, little silt, some sand, medium, (5YR-5/8), at 30' SAND, fine to m reddish yellow (5YR-8/8), slightly	edium, trace silt,	CL GP				
35-	25,24, 24, -	80	0	SAND, fine to medium, very firm, red (7.5YR-6/8), little gravel, subround	ddish yellow ded, slightly moist.					
40-	19,29, 34, -	90	0	SAND, medium, gravel seam at 39.5 dense, moist, reddish yellow (7.5YF subrounded.	', very firm to R-6/8), gravel is					Bentonite Sturry
45	14,29, 37, -	90	0	SAND, medium, very well sorted, sul to dense, slightly moist, yellow (10)	brounded, very firm YR-7/8)			Riser		8
50-	13,49, 50, –	85	0	SAND, as above, trace gravel, sub	rounded.					*
55-	15,36, 44, –	80	0	SAND to 54.5, fine well sorted, yell from 54.5 on SAND, medium to very gravel fine to coarse, subrounded, sorted, reddish yellow (7.5YR-8/8 dense.	coarse, some			*		ŏ
60-	39,50, -,-	85	0	SAND, coarse to very coarse, with subrounded, dense, wet, yellowish				Screen (10 feet) —		Sand Pack
65	29,36, 50, -	80	0	SAND, and gravel, medium to very strong brown (7.5YR-5/8), wet.	coarse, subrounded,	GW	000	Sore		

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JOIL BORING LOG AND WELL Jient CEHNC Site Memphis Depot						Page 3 of 3 Project I.D. 732283.02					
Boring I.D. <u>SB-5</u> Beologist <u>Ross Surrency</u>						Well I.D. <u>MW-58</u> Date Installed <u>8/20/98</u>					
# # #	1						1	T	1		
(feet)	JAM LL	BLOWS/6 IN	XREC.	HNu/OVA {ppm}	LITHOLOGIC DESCRIP	TION	SOIL CLASS	GRAPHIC LOG		WELL DIAGRAM	
65 X	50 16,	16,29, 50, – 16,12, 10, –	80	0	SAND, and gravel as above, 20% fir SAND, and gravel from 67-67.5, sai coarse, poorly sorted, subrounded.	nd is medium to very			<u> </u>		 Sand Pack -
70-		, -			SILT and CLAY, banded, stiff, moist (7.5YR-8/8) to white (7.5YR-8/1),	t, reddish-yellow kaolinitic.			<u> </u>	••••	<u>.v</u> .
					Boring terminated at 68.5' BGS						
75-											
4											
80											
4											
85-											
90-					V						
			ŧ								
95-										*	
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