

PARSONS ENGINEERING SCIENCE

SOIL BORING LOG AND WELL CONSTRUCTION RECORD

Client <u>CEHNC</u> Site <u>Memphis Depot</u> Boring I.D. <u>SB-1</u> Geologist/Engineer <u>Ross Surrency</u> Drilling Method <u>2 1/4" HSA</u> Sampling Method <u>3" Diameter Split Spoon</u> Date Started <u>8/5/98</u> Date Completed <u>8/25/98</u> Driller <u>Atlanta Testing and Engineering</u> Borehole Diameter (in) <u>8</u> Depth Drilled (ft) <u>79</u> Ground Elevation (ft) <u>283.54</u> Depth to Water (ft) <u>62.08</u> Date Measured <u>8/27/98</u>	<div style="text-align: right;">Page 1 of 3</div> Project I.D. <u>732283.02</u> Well I.D. <u>MW-01</u> Date Installed <u>8/25/98</u> Date Grouted <u>8/25/98</u> Casing Material <u>2" Diameter sch 40 PVC</u> Screen Material <u>0.010 Slot 2" PVC</u> Casing Interval (ft) <u>0-68.5</u> Screened Interval (ft) <u>68.5-78.5</u> Sump Installed? <u>NO</u> Well Depth (ft) <u>79</u> TOC Elevation (ft) <u>283.45</u> Water Level (ft) <u>221.37</u> Date Measured <u>8/27/98</u>
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DEPTH (feet)	SAMPLE	BLOWS/0 IN	X REC.	HN/OVA (ppm)	LITHOLOGIC DESCRIPTION	SOIL CLASS	GRAPHIC LOG	WELL DIAGRAM
0	X	N/A	100	0	SILT, some clay, little gravel, brown (7.5YR-5/4), dry, (loess).	ML		
	X	7.7, 7.9	100	0	SILT, as above to 1.5', from 1.5-3.0' CLAY, plastic, reddish yellow (7.5YR-6/8), slightly moist, (loess).			
	X	4.8, 10,12	95	0	As above, trace gravel.			
5	X	4.7, 9,11	95	0	CLAY, plastic, brownish yellow (10YR-6/8), sl. moist, (loess).	CL		
	X	4.8, 8.8	90	0	CLAY, some silt, sliver of plastic in spoon, brownish yellow (10YR-6/8), sl. moist to 8.5', then wet, (loess).			
10	X	4.3, 5.5	95	0	SILT, some clay, soft, yellowish brown (10YR-5/8), wet, (loess).	ML		
	X	3.3, 3.3	95	0	SILT, some clay, soft, brown (7.5YR-5/4), wet, (loess).			
15	X	3.4, 5.8	90	0	SILT, As above.			
20	X	5.8, 8.-	50	0.2	CLAY, some silt, firm, brown (7.5YR-5/4), slightly moist, (loess).	CL		
25	X	5.7, 9.-	70	0.9	CLAY, as above to 25'. At 25', CLAY, little sand, fine, brown (7.5YR-5/4), slightly moist, firm to stiff, (loess).			
30	X	5.9, 16.-	80	0.2		GM		

Riser
 Bentonite Slurry
 WRAP

ENGINEERING - SCIENCE

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Client CEHNC

Site Memphis Depot

Boring I.D. SB-


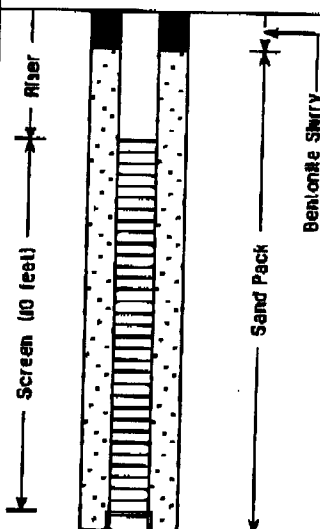
Geologist Ross Surrency

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Project I.D. 732283.02

Well I.D. MW-61

Date Installed 8/25/98

DEPTH (feet)	SAMPLE	BLOWS/6 IN	SPEC	HNU/OVA (ppm)	LITHOLOGIC DESCRIPTION	SOIL CLASS	GRAPHIC LOG	WELL DIAGRAM
65	X							
70	X	27. 50/4"	30	0	SAND, fine to coarse, mostly fine, yellow (10YR-7/8), well sorted, wet	GM		
75								
80					Boring terminated at 79' BGS.			
85								
90								
95								
100								