



PROJECT NUMBER 177556	BORING NUMBER MW-135
SOIL BORING LOG	

PROJECT : ZVI Pilot Study LOCATION : Memphis Depot, Dunn Field
 ELEVATION : DRILLING CONTRACTOR : Prosonic Corp
 DRILLING METHOD AND EQUIPMENT USED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)
 WATER LEVELS : START : 10/15/2003 END: 10/15/2003 LOGGER : Michael Karafa

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)		STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION	COMMENTS
	RECOVERY (%)	#/TYPE			
0-5	100		Silty clay, brown, stiff, grass roots, saturated	PID (ppm): (Soil headspace) 0.0	
5-15	100		Silty clay, brown, plastic, soft, damp, loess	0	
15-25	100		Same as above more sand content	0.5	
25-35	100		Sandy clay, orangish brown, fine to medium grain, stiff, damp	0	
35-45	100		Sand some clay, red with yellow bands		
			Sand some clay, loose, damp, no odor, pebbles and gravel throughout	4.5	



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<div><div>40</div><div>45</div><div>50</div><div>55</div><div>60</div><div>65</div><div>70</div></div> <div><div>45-55</div><div>55-65</div><div>65-75</div></div> <div>100</div>			<div>Same as above</div> <div>Sand, tan, loose, damp to dry, fine grain, no odor</div> <div>Sand, tan to orange, loose, fine to medium grain, dry, pebbles and gravel throughout</div> <div>Sand, brown tan, medium to coarse grain, loose, dry, gravel throughout</div> <div>Sand, tan to lt brown, loose, dry, fine grain</div>	<div>15.2</div> <div>2</div> <div>0</div>
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75				Sand, orange, loose, medium to coarse grain, damp, some pebbles and gravel	0.0
75-85	100			Sand, tan to orange, medium to coarse grain, loose, no odor, wet to saturated	1
					Watertable
80					
85				Silty clay, orange, with grey silty clay mottling	
85-95	100			Clay with silt, grey massive	MW-135-86 sampled for TOC and Fe
90					
95				Boring terminated at 95' bgs	
100					
105					
110					