



MACTEC Engineering and Consulting  
3200 Town Point Dr, Suite 100  
Kennesaw, GA 30144

# FIELD BOREHOLE LOG

BOREHOLE NO.: **MW-165**

TOTAL DEPTH: **118'**


## PROJECT INFORMATION

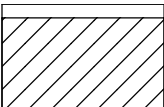
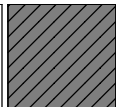

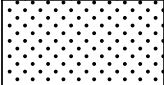
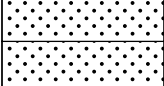
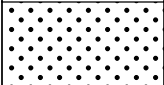
PROJECT: **DDMT**  
SITE LOCATION: **Memphis, TN**  
JOB NO.: **6301-04-0002**  
LOGGED BY: **Bill Payne**  
PROJECT MANAGER: **Tom Holmes**  
DATE DRILLED: **11/17/04**

## DRILLING INFORMATION

DRILLING CO.: **ProSonic**  
DRILLER: **Dan O'Mara**  
RIG TYPE: **RotoSonic**  
TOP OF CASING  
ELEVATION: **287.06'**  
GROUND SURFACE  
ELEVATION: **287.35'**

### NOTES:

- 1) Drilling technique: 0 to 118 ft, bgs 6-inch diameter borehole with roto sonic.
- 2) Well construction: 2-inch diameter schedule 40 PVC casing set to 103.5ft, bgs with 15 ft of 0.01-inch slot well screen.
- 3) Well screens the fluvial aquifer.
- 4)  Stabilized water level measured on 11/20/2004

DEPTH	SOIL SYMBOLS	USCS	SOIL DESCRIPTION	FID ppm	WELL COMPLETION	WELL DESCRIPTION
0		Fill CL	Asphalt and Gravel Fill strong brown (7.5 YR 4/6) silty CLAY			Grouted Annulus
-5						
-10						
-15						
-20						
-25						
-28		CL	yellowish red (5 YR 5/8) fine grain sandy, silty CLAY			
-30		SW	yellowish red (5 YR 5/8) clayey fine to coarse grain SAND with fine gravel			
-35		SP	red (2.5 YR 5/8) fine to coarse grain SAND with trace fine gravel			
-40		SW	reddish-yellow (7.5 YR 6/8) fine grain SAND with trace fine to coarse grain gravel			

