



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

FIELD BOREHOLE LOG

BOREHOLE NO.: MW-165A

TOTAL DEPTH: 88'


PROJECT INFORMATION

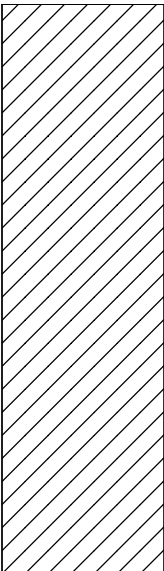
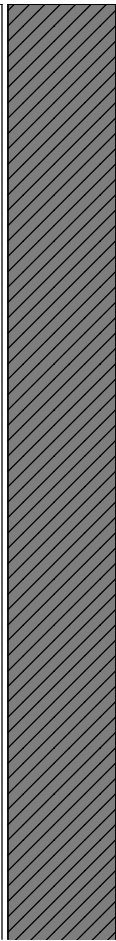
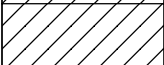
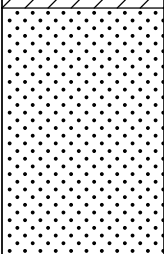
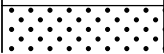
PROJECT: **DDMT**
SITE LOCATION: **Memphis, TN**
JOB NO.: **6301-04-0002**
LOGGED BY: **Bill Payne**
PROJECT MANAGER: **Tom Holmes**
DATE DRILLED: **11/14/04**

DRILLING INFORMATION

DRILLING CO.: **ProSonic**
DRILLER: **Dan O'Mara**
RIG TYPE: **RotoSonic**
TOP OF CASING
ELEVATION: **287.26'**
GROUND SURFACE
ELEVATION: **287.53'**

NOTES:

- 1) Drilling technique: 0 to 88.0 ft, bgs 6-inch diameter borehole with roto sonic.
- 2) Well construction: 2-inch diameter schedule 40 PVC casing set to 86.61ft, bgs with 15 ft of 0.01-inch slot well screen.
- 3) Well screens the fluvial aquifer.
- 4)  Stabilized water level measured on 11/20/04

DEPTH	SOIL SYMBOLS	USCS	SOIL DESCRIPTION	FID ppm	WELL COMPLETION	WELL DESCRIPTION
0		CL	brown (7.5 YR 4/4), silty CLAY			Grouted Annulus
-5				0.0		
-10				0.0		
-15				0.0		
-20				0.0		
-25		CL	yellowish-red (5 YR 5/6), fine to medium grain sandy, silty, CLAY	0.0		
-30		SW	yellowish-red (5 YR 5/8), fine grain SAND to coarse GRAVEL	0.0		
-35				3.0		
-40		SP	red (2.5 YR 5/8), very fine grain SAND grading into red (2.5 YR 5/8), fine to medium grain SAND	1.5	