



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

FIELD BOREHOLE LOG

BOREHOLE NO.: MW-166A

TOTAL DEPTH: 80'

PROJECT INFORMATION

PROJECT: **DDMT**
 SITE LOCATION: **Memphis, TN**
 JOB NO.: **6301-04-0002**
 LOGGED BY: **Jaime Piver**
 PROJECT MANAGER: **Tom Holmes**
 DATE DRILLED: **11/13/04**

DRILLING INFORMATION

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

NOTES:

- 1) Drilling technique: 0 to 80 ft, bgs 6-inch diameter borehole with rotononic.
- 2) Well construction: 2-inch diameter schedule 40 PVC casing set to 83.15ft, 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 5/4) soft silty CLAY, trace pebbles at 8 ft.			Grouted Annulus
-5				0.0		
-10				0.0		
-15				0.0		
-20		CL	brown (7.5 YR 4/3, 4/4) silty CLAY with fine gravel			
			yellowish red (5/6, 5 YR) gravelly SAND	1.7		
		SP	reddish yellow (2.5 YR 6/8) fine to medium grain SAND with coarse gravel			
-25		SW	red (2.5 YR 5/6) medium to coarse grained SAND with trace GRAVEL	1.4		
		SP	yellowish red (2.5 YR 5/6) fine grain SAND to sub-rounded very coarse grained gravel			
-30		SW	reddish yellow (5 YR 5/8) fine to medium grained SAND with trace pebbles	0.6		
		SP	yellowish red (5 YR 5/8) fine to medium grained gravelly SAND	0.3		
-35		SP				
-40		SW	reddish yellow (7.5 YR 6/6), fine to medium grain gravelly SAND	8.3		

