

FIELD BOREHOLE LOG

BOREHOLE NO.: MW-157

		3200 To	Engineering and Consulting wn Point Dr, Suite 100 nnesaw, GA 30144		TOTAI	L DEPTH:	86	
	PROJECT	INFOR	MATION	DRILLING INFORMATION				
PROJECT: DDMT				DRILLING CO.:		Pro	Sonic	
SITE LOCATION: Memphis, TN			DRILLER:		Day	David Wilcox		
JOB NO.: 6301-04-0002			RIG TYPE: RotoSo		toSonic			
LOGGED BY: Kevin Arnold			TOP OF CASING ELEVATION: 286.78'					
PROJECT MANAGER: Tom Holmes				ND SURFA	CE			
DATE DRILLED: 8/1		5/04	ELEVA	ELEVATION:		286.83'		
2) Wel 3) We	ll construction: Il screens the f	2-inch diaı luvial aqu	ft, bgs 6-inch diameter borel meter schedule 40 PVC casin ifer. easured on 8/19/04			ith 20 ft of 0.0	1-inch slot v	vell screen.
DEPTH	SOIL SYMBOLS	USCS	SOIL DESCRIPTION		FID ppm	WEI COMP	L LETION	WELL DESCRIPTION
-1015151015		Fill CL CL CL CL-SP ML NR CL	Gray fine gravel from old railroad spur brown (10 YR 4/3), silty CLAY, slightly pla stiff brown (10 YR 5/4), silty CLAY, non-plastic stiff light yellowish brown (10 YR 6/4), mottled, non-plastic, stiff yellowish red (5 YR 5/6) silty CLAY, slightl plasticity and fine grain SAND, medium stiff yellowish red (5 YR 5/6) slightly clayey SIL plastic, medium stiff to stiff, slightly moist No Recovery yellowish red (5 YR 5/8) silty CLAY with tr	y medium silty CLAY, ly to medium f T, non-				Grouted Annulus
-30		SP-GP NR	gravel, poorly sorted yellow (10 YR 7/6) fine grain SAND and we rounded to subrounded, fine GRAVEL	ill sorted,				
-40 -		SP	No Recovery very pale brown (10 YR 8/4 - 7/4) fine grain trace well sorted, well rounded fine gravel, le					

Created by: AMC 08/21/04 Checked by: RNQ 09/02/04

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DEPTH	SOIL	USCS	SOIL DESCRIPTION	FID	WELL	WELL					
	SYMBOLS	UBUB		ppm	COMPLETION	DESCRIPTION					
-45											
-50		SP	brownish yellow (10 YR 6/6) fine grain SAND with rounded to subrounded fine gravel and trace well sorted coarse gravel			Bentonite Seal					
-55 -		NR	No Recovery	_		•					
-60 -	0,0,0,0,	SP-GP SP	brownish yellow (10 YR 6/8) fine grain SAND and well sorted, rounded, fine GRAVEL and trace well rounded, coarse gravel brownish yellow (10 YR 6/8) fine grain SAND and trace well sorted, rounded, fine gravel, moist			Sand Pack / Screened Interval					
-65	••••••	NR	No Recovery	_							
-70		SP SP	fine to medium grain SAND with trace well rounded fine gravel brownish yellow (10 YR 6/8), fine to medium grain SAND with trace clay, very loose, wet			×					
-75 -		СН	brownish yellow (10 YR 6/8) slightly silty CLAY, highly	_							
-80 -		СН	grayish brown (10 YR 5/2) slightly silty CLAY, highly plastic	_		Bentonite Plug					
-85 -			Plastic Boring Terminated at 86 feet bgs			bentomite ridg					