

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

FIELD BOREHOLE LOG

BOREHOLE NO.: MW-158

TOTAL DEPTH: 116'

			nnesaw, GA 30144					
	PROJECT	INFOR	MATION		DR	LILLING INFO	ORMATIO	N
PROJECT: DD			MT	DRILL	ING CO.	: Pro	Sonic	
SITE LOCATION: Me		mphis, TN	DRILL	DRILLER:		David Wilcox		
JOB NO.: 6301-04-0019			RIG TYPE:		Ro	toSonic		
LOGGED BY: Kevin Arnold				F CASIN	G 29 4	07		
PROJECT MANAGER: Tom Holmes			m Holmes	ELEVA	ATION: ND SURI		.07	
DATE DRILLED: 10/4/			4/04	ELEVA		294 294	.38	
2) We 3) We	illing technique: ell construction: ell screens the f	2-inch dia luvial aqu	ft, bgs 6-inch diameter bore meter schedule 40 PVC casin ifer. neasured on 10/15/04			s with 15 ft of 0.0	l-inch slot we	ell screen.
			FID		WEI	I	WELL	
DEPTH	SOIL SYMBOLS	USCS	SOIL DESCRIPTIO	NC	ppm		LETION	DESCRIPTION
0 -		CL	brown (7.5YR 4/3) silty CLAY, firm to sof	ft moist			///////	
-5		CL	brown (7.5YR 5/4) silty CLAY, soft, media moist	um plastic,	0.0			Grouted Annulus
-15		CL	strong brown (7.5YR 5/6) silty CLAY, soft slightly plastic	t to firm,	0.0			
-25 -		SC SC	strong brown (7.5YR 5/8) silty, clayey fine soft dark yellowish brown (10R 4/6) clayey fine stiff to dense		0.0			
-30 -					0.0			
-35 -		SP SW	red (2.5YR 4/6) slightly clayey fine grain S some rounded, coarse gravel, medium dens red (2.5YR 5/6) fine to coarse, rounded gra grain SAND, well graded, loose	se	0.0			
-40 _					0.0			
	ed by: AMC 08/2 ed by: RNQ 09/0							Page 1 of 2

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DEPTH	SOIL SYMBOLS	USCS	SOIL DESCRIPTION	FID ppm	WELL COMPLETION	WELL DESCRIPTIC
						77
-						
-45 -		NR		0.0		
-	••••••	SW	No Recovery			
-50 -		5.0	red (2.5YR 5/6) and reddish brown (5YR 5/4) fine grain SAND and fine to coarse, rounded to subrounded GRAVEL, well graded, some cobbles	0.0		
-55 -		NR		0.0		
-			No Recovery			
-60 -	<i></i>	CL SP	reddish yellow (7.5 YR 6/6) CLAY	0.0		
		51	reddish yellow (7.5YR 6/6) fine grain SAND, with some well sorted, rounded to subrounded coarse gravel, some cobbles, loose	0.0		
-65		SP	reddish yellow (5YR 6/8) fine grain SAND, some rounded coarse gravel, trace cobbles, loose, poorly sorted	0.0		
-70 -		CU	CLAY, highly plastic, wet	0.0		
-		SP	reddish yellow (5YR 6/8) fine grain SAND, some rounded coarse gravel, trace cobbles, loose, poorly sorted	0.0		
-75 -		SP NR	/ reddish yellow (5YR 6/6) fine grain SAND, with some poor graded, rounded coarse gravel, loose to very loose, wet			
-80 -		SP	No Recovery reddish yellow (5YR 6/6) well rounded, poor graded, coarse gravelly (10%), medium grain SAND, wet, loose			•
-85 -						Bentonite Sea
-		NR	No Recovery			Sand Pack /
-90 -		SP SP	reddish yellow (5YR 6/6) well rounded, poor graded, coarse gravelly (10%), medium grain SAND, wet, loose			Screened Inter
-		SP	reddish yellow (5YR 6/6) medium grain SAND, loose, wet CLAY, highly plastic, wet			
-95 -		SP	reddish yellow (5YR 6/6) medium grain SAND, loose, wet			
-	•••••	NR SP	No Recovery			
100 -			reddish yellow (5YR 6/6) medium grain SAND, loose, wet			
-		SW	reddish yellow (5YR 6/6) fine, rounded gravelly, medium to coarse grain SAND, well graded, loose, wet			
105 -		СН	gray (5YR 5/1) silty CLAY, dense, hard			
110 -						Bentonite Plu
115 -			Boring Terminated at 116 feet bgs			
-						
Created	d by: AMC 08/2	21/04				Dage 2 cf 2
	ed by: RNQ 09/0					Page 2 of 2