

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT AMI 2008 Sand Search Anna Maria Island, Manatee County, FL			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION AMVC-08-06			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Coastal Planning & Engineering, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Diver Operated Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER CPE			12. TOTAL SAMPLES <input type="checkbox"/> DISTURBED <input type="checkbox"/> UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING STARTED 06-27-08 15:50 COMPLETED 06-27-08 15:57	
8. TOTAL DEPTH OF BORING 17.4 Ft.			16. ELEVATION TOP OF BORING -21.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 16 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR ML	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-21.9	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-25.0	3.1		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, trace whole shell, whole shells up to 1.0", clay distributed in clayey pockets up to 1.0", 1.0" shelly pocket @ 0.9', (1.0"x1.5") shell fragment @ 0.9', gray (5Y-6/1), (SP).		1	Sample #1, Depth = 1.6' Mean (mm): 0.16, Phi Sorting: 0.67 Shell Hash: 0%, Fines (230): 1.72% (SP)
-25.5	3.6		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments and whole shells up to 1.0", gray (5Y-5/1), (SW).		2	Sample #2, Depth = 3.4' Mean (mm): 0.62, Phi Sorting: 1.92 Shell Hash: 5%, Fines (230): 1.42% (SW)
-26.2	4.3				3	Sample #3, Depth = 3.9' Mean (mm): 0.16, Phi Sorting: 0.78 Shell Hash: 0%, Fines (230): 1.74% (SP)
-27.5	5.6		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" shell hash layer at base, light gray (5Y-7/1), (SP).		4	Sample #4, Depth = 4.6' Mean (mm): 0.16, Phi Sorting: 0.83 Shell Hash: 0%, Fines (230): 2.92% (SP)
-28.3	6.4		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 2.0", light gray (5Y-7/2), (SP).		5	Sample #5, Depth = 5.9' Mean (mm): 0.73, Phi Sorting: 2.00 Shell Hash: 9%, Fines (230): 3.39% (SW)
-29.9	8.0		Shelly SAND, quartz, trace silt, shell components are shell hash, shell fragments and whole shells up to 1.0", 1.0" clayey layer @ 5.9', 1.0" clay layer @ 6.3', gray (5Y-5/1), (GW).		6	Sample #6, Depth = 7.0' Mean (mm): 0.21, Phi Sorting: 1.21 Shell Hash: 1%, Fines (230): 4.38% (SW)
			SAND, fine grained, quartz, trace shell fragments, trace silt, trace whole shell, shell fragments up to 1.0", whole shells up to 3.0", light olive gray (5Y-6/2), (GW).			
			Shelly SAND, quartz, little clay, trace silt, shell components are whole shells up to 1.0" and shell fragments up to 3.0", clay increases with depth, light olive gray (5Y-6/2), (GW-GC).			
-36.1	14.2					
-37.9	16.0		Clayey SAND, fine grained, quartz, some rock fragments, trace shell hash, rock fragments up to 3.0", light gray (5Y-7/2), (GC).			
-39.3	17.4		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS AMI_2008 VIBRACORES ALL.GPJ FL DEP ROSS.GDT 10/29/08