

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-08-29			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 13:52 COMPLETED 06-27-08 13:55	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -17.5 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.2 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR PB	



ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-17.5	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-19.5	2.0		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 1.0", gray (5Y-6/1), (SP).		1	Sample #1, Depth = 1.2' Mean (mm): 0.17, Phi Sorting: 0.68 Shell Hash: 0%, Fines (230): 1.68% (SP)
-21.4	3.9		Sandy SHELL HASH, quartz, trace clay, trace shell fragments, trace silt, trace whole shell, whole shells and shell fragments up to 1.0", 1.0" layers of shelly sand @ 3.0' and 3.5', clay distributed in clayey laminae, gray (5Y-5/1), (SW).		2	Sample #2, Depth = 2.8' Mean (mm): 0.77, Phi Sorting: 1.83 Shell Hash: 6%, Fines (230): 1.80% (SW)
-22.0	4.5		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, 1.0" clay pocket @ 4.0', shell fragments up to 0.75", white (5Y-8/1), (SP).		3	Sample #3, Depth = 4.2' Mean (mm): 0.16, Phi Sorting: 0.81 Shell Hash: 0%, Fines (230): 1.48% (SP)
-22.6	5.1		Shelly SAND, quartz, trace clay, trace silt, shell components are shell hash, shell fragments up to 1.5" and whole shells up to 1.0", clay distributed in pockets up to 1.0", gray (5Y-6/1), (SW).		4	Sample #4, Depth = 5.6' Mean (mm): 0.15, Phi Sorting: 0.83 Shell Hash: 1%, Fines (230): 2.34% (SP)
-23.5	6.0		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, clay distributed in laminae, 1.0" clay layer @ 5.8', light gray (5Y-7/1), (SP).		5	Sample #5, Depth = 6.5' Mean (mm): 0.28, Phi Sorting: 1.54 Shell Hash: 4%, Fines (230): 1.28% (SW)
-24.5	7.0		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, trace whole shell, shell fragments up to 1.0", whole shells up to 0.5", light gray (5Y-7/1), (SW).		6	Sample #6, Depth = 8.2' Mean (mm): 0.13, Phi Sorting: 0.38 Shell Hash: 0%, Fines (230): 2.31% (SP)
-27.1	9.6		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, clay distributed in clayey laminae that increases with depth, shell fragments up to 0.5", gray (5Y-6/1), (SP).			
-30.3	12.8		SAND, fine grained, quartz, some clay, little silt, trace shell fragments, trace shell hash, trace whole shell, whole shells up to 1.0", shell fragments up to 2.0", 2.0" dark gray (5Y-4/1) silty pocket @ 12.3', olive gray (5Y-5/2), (SC).			
-34.7	17.2		Shelly SAND, quartz, little silt, trace clay, shell components are shell hash, shell fragments up to 2.5" and whole shells up to 1.0", light olive gray (5Y-6/2), (GW).			
-37.5	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS AMI_2008_VIBRACORES_ALL.GPJ FL DEP ROSS.GDT 10/29/08