

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-08-18			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 DISTURBED _____ 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 06-26-08 11:04 COMPLETED 06-26-08 11:10	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -18.5 Ft.	
			17. TOTAL RECOVERY FOR BORING 18.7 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR BF	



ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-18.5	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-19.2	0.7		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" shell fragment @ 0.4', gray (5Y-6/1), (SW).		1	Sample #1, Depth = 0.3' Mean (mm): 0.22, Phi Sorting: 1.07 Shell Hash: 1%, Fines (230): 1.27% (SW)
-20.7	2.2		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in laminae, light gray (5Y-7/1), (SP).		2	Sample #2, Depth = 1.5' Mean (mm): 0.16, Phi Sorting: 0.53 Shell Hash: 0%, Fines (230): 1.46% (SP)
-22.5	4.0		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in laminae, clayey pocket from 3.4'-3.6', light gray (5Y-7/2), (SP).		3	Sample #3, Depth = 3.0' Mean (mm): 0.17, Phi Sorting: 0.54 Shell Hash: 0%, Fines (230): 1.41% (SP)
-24.0	5.5		SAND, fine grained, quartz, some shell hash, trace clay, trace shell fragments, trace silt, trace whole shell, whole shells and shell fragments up to 1.0", shell content increases with depth, gray (5Y-5/1), (SW).		4	Sample #4, Depth = 4.7' Mean (mm): 0.38, Phi Sorting: 1.58 Shell Hash: 4%, Fines (230): 2.49% (SW)
-25.5	7.0		SAND, fine grained, quartz, trace shell hash, trace silt, 1.0" shell fragment @ 6.2', 1.5" shell hash pocket @ 6.9', gray (5Y-6/1), (SW).		5	Sample #5, Depth = 6.3' Mean (mm): 0.17, Phi Sorting: 0.95 Shell Hash: 1%, Fines (230): 1.62% (SW)
-27.5	9.0		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay content increases with depth, gray (5Y-5/1), (SP).		6	Sample #6, Depth = 7.8' Mean (mm): 0.17, Phi Sorting: 0.76 Shell Hash: 0%, Fines (230): 3.51% (SP)
-28.8	10.3		Shelly SAND, quartz, trace silt, shell components are shell hash, shell fragments up to 2.0" and whole shells up to 1.0", (4.0"x2.0") rock fragment @ 9.0', light olive gray (5Y-6/2), (SW).		7	Sample #7, Depth = 9.5' Mean (mm): 1.84, Phi Sorting: 1.88 Shell Hash: 16%, Fines (230): 1.80% (SW)
-32.3	13.8		Shelly SAND, quartz, little clay, trace silt, shell components are shell hash, shell fragments up to 2.0" and whole shells up to 3.0", olive gray (5Y-5/2), (GM-GC).			
-37.2	18.7		CLAY, little rock fragments, rock fragments up to 3.0", light gray (5Y-7/2), (CL).			
-38.5	20.0		No Recovery.			
			End of Boring			

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