

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-08-26			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: 06-27-08 10:45 COMPLETED: 06-27-08 10:50	
8. TOTAL DEPTH OF BORING 20.5 Ft.			16. ELEVATION TOP OF BORING -16.2 Ft.	
			17. TOTAL RECOVERY FOR BORING 19 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
-16.2	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-17.5	1.3		SAND, fine grained, quartz, trace silt, shelly pockets evenly distributed, shell component is shell hash, gray (5Y-6/1), (SW).		1	Sample #1, Depth = 0.8' Mean (mm): 0.22, Phi Sorting: 1.24 Shell Hash: 1%, Fines (230): 1.35% (SW)
-20.7	4.5		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, silt content increases with depth, 1.0" shell fragment @ 3.5', clay distributed in clayey laminae, gray (5Y-6/1), (SP).		2	Sample #2, Depth = 2.9' Mean (mm): 0.16, Phi Sorting: 0.64 Shell Hash: 0%, Fines (230): 1.41% (SP)
-22.1	5.9		Shelly SAND, quartz, trace silt, shell components are shell hash, shell fragments up to 2.0" and whole shells up to 0.5", 2.0" trace shell hash pocket @ 5.0', gray (5Y-6/1), (SW).		3	Sample #3, Depth = 5.5' Mean (mm): 0.38, Phi Sorting: 1.55 Shell Hash: 2%, Fines (230): 1.20% (SW)
-24.8	8.6		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in 1.0" clayey pockets and clayey laminae, shelly pocket between 7.2' and 7.6', shell component of pocket is shell hash, 2.0" shell fragment @ 8.3', gray (5Y-6/1), (SW).		4	Sample #4, Depth = 6.8' Mean (mm): 0.14, Phi Sorting: 0.88 Shell Hash: 0%, Fines (230): 1.74% (SW)
-25.6	9.4		Shelly SAND, quartz, trace silt, shell components are shell hash and shell fragments up to 2.0", 1.0" clay layer at base, gray (5Y-5/1), (SW).		5	Sample #5, Depth = 8.9' Mean (mm): 0.52, Phi Sorting: 1.69 Shell Hash: 4%, Fines (230): 2.15% (SW)
-26.6	10.4		SAND, fine grained, quartz, trace shell hash, trace silt, (0.5"x2.0") shell fragment at base, light gray (5Y-7/1), (SP).		6	Sample #6, Depth = 9.8' Mean (mm): 0.18, Phi Sorting: 0.76 Shell Hash: 1%, Fines (230): 1.46% (SP)
-27.1	10.9		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to 0.5", olive gray (5Y-5/2), (SP-SM).			
-27.8	11.6		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to 0.5", gray (5Y-6/1), (SP).			
-30.8	14.6		SAND, fine grained, quartz, little silt, trace clay, trace shell hash, clay distributed in clayey laminae, 1.0" whole shell @ 14.0', (1.0"x0.5") shell fragment @ 14.1', olive gray (5Y-5/2), (SM-SC).			
-35.2	19.0		Shelly SAND, quartz, little clay, little silt, shell components are shell hash, whole shells up to 1.0" and shell fragments up to 2.0", 2.0" rock fragment @ 18.7', olive gray (5Y-5/2), (GM-GC).			
-36.7	20.5		No Recovery.			
			End of Boring			

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