

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.	
			10. COORDINATE SYSTEM/DATUM Florida State Plane West HORIZONTAL: NAD 1983 VERTICAL: NAVD 88	
2. BORING DESIGNATION AMVC-08-15		LOCATION COORDINATES X = 413,461 Y = 1,157,788		11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Diver Operated Vibracore <input type="checkbox"/> MANUAL HAMMER
3. DRILLING AGENCY Coastal Planning & Engineering, Inc.		CONTRACTOR FILE NO.		
4. NAME OF DRILLER CPE			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL DEG. FROM VERTICAL BEARING <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 COMPLETED 06-26-08 08:10 06-26-08 08:17	
8. TOTAL DEPTH OF BORING 18.5 Ft.			16. ELEVATION TOP OF BORING -14.8 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.8 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
-14.8	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-17.5	2.7		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey laminae, some shell hash from 0.7'-1.0', (1.0"x1.5") whole shell @ 0.8', light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 1.2' Mean (mm): 0.17, Phi Sorting: 0.69 Shell Hash: 0%, Fines (230): 1.23% (SP)
-18.5	3.7		SAND, fine grained, quartz, little shell hash, trace silt, 2.0" pocket of little clay @ 3.0', light gray (5Y-7/1), (SW).		2	Sample #2, Depth = 3.3' Mean (mm): 0.23, Phi Sorting: 1.19 Shell Hash: 1%, Fines (230): 1.41% (SW)
-19.5	4.7		SHELL, some sand, quartz, trace silt, shell components are shell hash and shell fragments up to 1.5", size of shell increases with depth, light olive gray (5Y-6/2), (SW).		3	Sample #3, Depth = 4.2' Mean (mm): 0.70, Phi Sorting: 1.74 Shell Hash: 6%, Fines (230): 2.15% (SW)
-20.6	5.8		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		4	Sample #4, Depth = 5.2' Mean (mm): 0.15, Phi Sorting: 0.49 Shell Hash: 0%, Fines (230): 1.44% (SP)
-21.8	7.0		SAND, fine grained, quartz, some shell hash, little shell fragments, trace silt, shell fragments up to 1.0", 1.5" rock @ 7.0', 1.0" clayey layer @ 6.4', 2.0" trace shell hash layer @ 6.2', light olive gray (5Y-6/2), (SW).		5	Sample #5, Depth = 6.5' Mean (mm): 0.93, Phi Sorting: 1.89 Shell Hash: 11%, Fines (230): 1.69% (SW)
-24.8	10.0		SAND, fine grained, quartz, trace shell hash, trace silt, light olive gray (5Y-6/2), (SP).		6	Sample #6, Depth = 8.0' Mean (mm): 0.14, Phi Sorting: 0.47 Shell Hash: 0%, Fines (230): 3.11% (SP)
-29.2	14.4		SAND, fine grained, quartz, little rock, trace shell hash, trace silt, rock up to 4.0", light olive gray (5Y-6/2), (GW).			
-31.4	16.6		ROCK, trace clay, trace sand, quartz, light olive gray (5Y-6/2), (GW).			
-32.6	17.8		SHELL, some sand, quartz, little clay, little rock, shell components are whole shells and shell fragments up to 3.0", rock fragments up to 3.0", olive gray (5Y-4/2), (GC).			
-33.3	18.5		No Recovery.			
			End of Boring			

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