

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> OF 1 SHEETS
<b>1. PROJECT</b> AMI 2008 Sand Search Anna Maria Island, Manatee County, FL			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> AMVC-08-28			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>3. DRILLING AGENCY</b> Coastal Planning & Engineering, Inc.			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Diver Operated Vibracore <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> CPE			<b>12. TOTAL SAMPLES</b> DISTURBED _____ UNDISTURBED (UD) _____	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> STARTED 06-27-08 13:08 COMPLETED 06-27-08 13:11	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -17.7 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 19.8 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> KD	



ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-17.7	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-18.8	1.1		Shelly SAND, quartz, trace shell fragments, trace silt, shell components are shell hash and shell fragments up to 1.0", (2.0"x1.5") whole shell @ 0.3', gray (5Y-5/1), (SW).		1	Sample #1, Depth = 0.5' Mean (mm): 0.43, Phi Sorting: 1.19 Shell Hash: 1%, Fines (230): 1.21% (SW)
-21.6	3.9		SAND, fine grained, quartz, trace shell hash, trace silt, trace silty pockets up to 0.5", some shell hash from 3.0'-3.3', gray (5Y-6/1), (SP).		2	Sample #2, Depth = 2.5' Mean (mm): 0.18, Phi Sorting: 0.81 Shell Hash: 0%, Fines (230): 1.25% (SP)
-23.3	5.6		SAND, fine grained, quartz, little shell hash, trace silt, trace whole shell, shell hash increases with depth, whole shells up to 1.0", trace silty pockets up to 0.5", gray (5Y-5/1), (SW).		3	Sample #3, Depth = 4.7' Mean (mm): 0.21, Phi Sorting: 0.92 Shell Hash: 0%, Fines (230): 1.48% (SW)
-25.7	8.0		Shelly SAND, quartz, trace shell fragments, trace silt, shell fragments up to 2.0", shell component is shell hash, trace clayey pockets up to 0.5", gray (5Y-5/1), (SW).		4	Sample #4, Depth = 6.8' Mean (mm): 0.57, Phi Sorting: 1.31 Shell Hash: 2%, Fines (230): 1.88% (SW)
-27.4	9.7		SAND, fine grained, quartz, trace shell fragments, trace shell hash, trace silt, shell fragments up to 1.0", trace silty and clayey pockets up to 0.5", gray (5Y-6/1), (SW).		5	Sample #5, Depth = 8.9' Mean (mm): 0.17, Phi Sorting: 0.89 Shell Hash: 1%, Fines (230): 2.35% (SW)
-28.0	10.3		Shelly SAND, quartz, little silt, shell components are shell hash and shell fragments up to 1.0", (2.0"x1.5") shell fragments @ 9.8' and 10.2', gray (5Y-5/1), (SW-SM).			
-31.1	13.4		SAND, fine grained, quartz, little silt, trace clay, trace shell fragments, trace shell hash, trace whole shell, shell fragments and whole shells up to 1.0", gray (5Y-6/1), (SM-SC).			
-32.0	14.3		SAND, fine grained, quartz, little shell fragments, little silt, little whole shell, trace shell hash, shell fragments and whole shells up to 1.0", 3 (2.0"x1.5") rock fragments @ 13.8', gray (5Y-6/1), (GM).			
-34.6	16.9		SAND, fine grained, quartz, some silt, little shell fragments, little whole shell, trace shell hash, shell fragments and whole shells up to 1.0", 2 (1.0") rock fragments @ 16.6', light olive gray (5Y-6/2), (SM).			
-36.1	18.4		Shelly SAND, quartz, little clay, little silt, shell components are shell hash, shell fragments and whole shells up to 2.0", light olive gray (5Y-6/2), (GC).			
-37.5	19.8		CLAY, trace shell hash, mottled with white (5Y-8/1) and, gray (5Y-6/1), (CL).			
-37.7	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS AMI\_2008\_VIBRACORES\_ALL.GPJ FL DEP ROSS.GDT 10/29/08