

<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-08-13			<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> <input type="checkbox"/> DISTURBED <input type="checkbox"/> 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> <b>STARTED</b> 06-25-08 14:20 <b>COMPLETED</b> 06-25-08 14:26	
<b>8. TOTAL DEPTH OF BORING</b> 17.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -12.8 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 16.3 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> PB	



ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-12.8	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-14.2	1.4		SAND, fine grained, quartz, trace shell hash, trace silt, 1.5" clayey pocket @ 0.6', light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 1.0' Mean (mm): 0.17, Phi Sorting: 0.50 Shell Hash: 0%, Fines (230): 1.37% (SP)
-14.5	1.7		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to 1.0", light gray (5Y-7/1), (SW).		3	
-16.7	3.9		SAND, fine grained, quartz, little shell hash, trace silt, 2.0" shelly pocket @ 3.3', shell components of pocket are shell hash and shell fragments up to 2.5", light gray (5Y-7/1), (SP).		2	Sample #2, Depth = 2.2' Mean (mm): 0.20, Phi Sorting: 0.82 Shell Hash: 0%, Fines (230): 1.14% (SP)
-17.8	5.0		SAND, fine grained, quartz, some shell hash, trace clay, trace shell fragments, trace silt, trace whole shell, clay distributed in pockets up to 0.5", whole shells and shell fragments up to 1.0", light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 4.4' Mean (mm): 0.46, Phi Sorting: 2.01 Shell Hash: 7%, Fines (230): 1.57% (SW)
-19.9	7.1		SAND, fine grained, quartz, trace clay, trace silt, clay distributed in laminae, 2 (1.0") clay layers between 6.2' and 6.4', 1.0" shelly pocket @ 6.5', shell components of pocket are shell hash and shell fragments up to 1.0", light gray (5Y-7/1), (SP).		2	
-22.4	9.6		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, trace whole shell, 2.0" shell hash layers @ 7.2' and 7.9', whole shells up to 1.0", shell fragments up to 2.0", light gray (5Y-7/1), (SP).		4	Sample #4, Depth = 9.0' Mean (mm): 0.16, Phi Sorting: 0.83 Shell Hash: 1%, Fines (230): 2.13% (SP)
-24.2	11.4		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, shell fragments up to 1.5", clay distributed in laminae, clay increases with depth, 1.0" clay layer at base, light olive gray (5Y-6/2), (SW).		5	Sample #5, Depth = 10.3' Mean (mm): 0.19, Phi Sorting: 1.30 Shell Hash: 1%, Fines (230): 2.48% (SW)
-24.7	11.9		Shelly SAND, quartz, trace rock, trace silt, shell components are shell hash, whole shells and shell fragments up to 1.0", rock up to 1.5", gray (5Y-6/1), (GW).			
-27.8	15.0		SAND, fine grained, quartz, little rock, trace clay, trace shell hash, trace silt, rock up to 3.0", clay distributed in laminae, light olive gray (5Y-6/2), (GW).			
-29.1	16.3		Gravelly SAND, quartz, trace shell hash, trace silt, gravel component is rock up to 3.0", olive gray (5Y-5/2), (GW).			
-29.8	17.0		No Recovery.			
			End of Boring			

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