

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<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>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West    NAD 1983    NAVD 88	
<b>2. BORING DESIGNATION</b> AMVC-08-01		<b>LOCATION COORDINATES</b> X = 409,803    Y = 1,157,404		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Diver Operated Vibracore <input type="checkbox"/> MANUAL HAMMER
<b>3. DRILLING AGENCY</b> Coastal Planning & Engineering, Inc.		<b>CONTRACTOR FILE NO.</b>		
<b>4. NAME OF DRILLER</b> CPE			<b>12. TOTAL SAMPLES</b> <b>DISTURBED</b> <b>UNDISTURBED (UD)</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <b>DEG. FROM VERTICAL</b> <input type="checkbox"/> INCLINED <b>BEARING</b>			<b>13. TOTAL NUMBER CORE BOXES</b> <b>14. ELEVATION GROUND WATER</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>15. DATE BORING</b> <b>STARTED</b> <b>COMPLETED</b> 06-23-08 19:35    06-23-08 19:56	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -19.4 Ft.	
<b>8. TOTAL DEPTH OF BORING</b> 19.5 Ft.			<b>17. TOTAL RECOVERY FOR BORING</b> 19.1 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
-19.4	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-22.0	2.6		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 1.0' Mean (mm): 0.15, Phi Sorting: 0.46 Shell Hash: 0%, Fines (230): 1.21% (SP)
-23.8	4.4		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey laminae, light gray (5Y-7/1), (SW).		2	Sample #2, Depth = 3.3' Mean (mm): 0.18, Phi Sorting: 0.90 Shell Hash: 0%, Fines (230): 2.19% (SW)
-24.8	5.4		SHELL HASH, some sand, quartz, trace clay, trace shell fragments, trace silt, trace whole shell, whole shells and shell fragments up to 0.75", (3.0"x2.0") shell fragment @ 5.2'; (1.5"x1.0") whole shell @ 5.4', 1.0" clay layer @ 5.0' and 5.2', light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 4.7' Mean (mm): 0.37, Phi Sorting: 1.45 Shell Hash: 2%, Fines (230): 1.46% (SW)
-26.4	7.0		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		1	
-26.7	7.3		SHELL HASH, some sand, quartz, trace shell fragments, trace silt, shell fragments up to 0.75", light gray (5Y-7/1), (SW).		3	
-28.4	9.0		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, light olive gray (5Y-6/2), (SP).		4	Sample #4, Depth = 8.0' Mean (mm): 0.13, Phi Sorting: 0.37 Shell Hash: 0%, Fines (230): 2.58% (SP)
-30.9	11.5		SAND, fine grained, quartz, trace clay, trace shell fragments, trace shell hash, trace silt, trace whole shell, whole shells up to 1.0", shell fragments up to 0.75", (1.5"x1.0") rock @ 11.3', 2.0" clay layer at base, olive gray (5Y-5/2), (SM-SC).			
-36.8	17.4		Clayey SHELL, shell components are predominantly whole shells up to 2.0", olive gray (5Y-5/2), (GC).			
-38.5	19.1		CLAY, stiff clay, dark gray (5Y-4/1), (CL).			
-38.9	19.5		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS AMI 2008 VIBRACORES ALL GPJ FL DEP ROSS GDT 10/29/08