

<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> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><b>HORIZONTAL</b></td> <td><b>VERTICAL</b></td> </tr> <tr> <td>Florida State Plane West</td> <td>NAD 1983 NAVD 88</td> </tr> </table>		<b>HORIZONTAL</b>	<b>VERTICAL</b>	Florida State Plane West	NAD 1983 NAVD 88
<b>HORIZONTAL</b>	<b>VERTICAL</b>							
Florida State Plane West	NAD 1983 NAVD 88							
<b>2. BORING DESIGNATION</b> AMVC-08-07		<b>LOCATION COORDINATES</b> X = 412,599 Y = 1,155,417		<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> AUTO HAMMER</td> </tr> <tr> <td><input type="checkbox"/> MANUAL HAMMER</td> </tr> </table>	<input type="checkbox"/> AUTO HAMMER	<input type="checkbox"/> MANUAL HAMMER		
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<b>3. DRILLING AGENCY</b> Coastal Planning & Engineering, Inc.		<b>CONTRACTOR FILE NO.</b>						
<b>4. NAME OF DRILLER</b> CPE								
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		<b>DEG. FROM VERTICAL</b>	<b>BEARING</b>					
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.		<b>13. TOTAL NUMBER CORE BOXES</b>						
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.		<b>14. ELEVATION GROUND WATER</b>						
<b>8. TOTAL DEPTH OF BORING</b> 12.5 Ft.		<b>15. DATE BORING</b>	<b>STARTED</b>	<b>COMPLETED</b>				
			06-24-08 18:22	06-24-08 18:30				
		<b>16. ELEVATION TOP OF BORING</b> -19.0 Ft.						
		<b>17. TOTAL RECOVERY FOR BORING</b> 11.6 Ft.						
<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> ML								

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-19.0	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-21.4	2.4		SAND, fine grained, quartz, trace shell hash, trace silt, light gray (5Y-7/1), (SP).		1	Sample #1, Depth = 1.0' Mean (mm): 0.16, Phi Sorting: 0.50 Shell Hash: 0%, Fines (230): 1.28% (SP)
-22.5	3.5		SAND, fine grained, quartz, little shell hash, trace silt, light gray (5Y-7/1), (SP).		2	Sample #2, Depth = 3.0' Mean (mm): 0.19, Phi Sorting: 0.80 Shell Hash: 0%, Fines (230): 1.37% (SP)
-23.3	4.3		SAND, fine grained, quartz, some shell hash, trace shell fragments, trace silt, shell fragments up to 0.5", light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 4.1' Mean (mm): 0.45, Phi Sorting: 1.86
-24.1	5.1		SAND, fine grained, quartz, trace shell hash, trace silt, shell hash and little shell fragments up to 1.0" from 4.8' to 5.1'; (1.5"x1.0") rock @ 5.0', light olive gray (5Y-6/2), (SW).		4	Shell Hash: 7%, Fines (230): 1.39% (SW) Sample #4, Depth = 4.5' Mean (mm): 0.19, Phi Sorting: 1.08
-25.4	6.4		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, clay distributed in clayey pockets up to 0.5"; 2.0" shelly pocket @ 6.3', light gray (5Y-7/1), (SP).		5	Shell Hash: 0%, Fines (230): 2.24% (SW) Sample #5, Depth = 5.5' Mean (mm): 0.17, Phi Sorting: 0.74
-26.8	7.8		SAND, fine grained, quartz, trace clay, trace shell hash, trace silt, trace whole shell, whole shells up to 0.5"; 0.5" clay layer @ 7.1'; 2.0" layer of little shell hash at base, light olive gray (5Y-6/2), (SW).		6	Shell Hash: 0%, Fines (230): 1.76% (SP) Sample #6, Depth = 6.7' Mean (mm): 0.16, Phi Sorting: 0.95
-29.8	10.8		SAND, fine grained, quartz, little rock, trace silt, rock up to 3.0", light gray (2.5Y-7/2), (GW).			Shell Hash: 0%, Fines (230): 3.59% (SW)
-30.6	11.6		ROCK, little sand, quartz, little silt, rock up to 3.0", light gray (2.5Y-7/2), (GW).			
-31.5	12.5		No Recovery.			
			End of Boring			

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