

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Longboat Key 2010 Sand Search Manatee/Sarasota Counties			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> LBVC-10-58			<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 <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> CPE			<b>12. TOTAL SAMPLES</b>	
<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>8. TOTAL DEPTH OF BORING</b> 18.4 Ft.			<b>16. ELEVATION TOP OF BORING</b> -12.8 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 17.7 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> JR	

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.
-14.1	1.3		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to 0.5", gray (5Y-6/1), (SW).		1	Sample #1, Depth = 0.6' Mean (mm): 0.50, Phi Sorting: 1.59 Shell Hash: 5%, Fines (230): 0.90% (SW)
-16.1	3.3		SAND, fine grained, quartz, trace shell hash, trace silt, 1.5" sandy shell hash layer @ 2.9', light gray (5Y-7/1), (SW).		2	Sample #2, Depth = 2.1' Mean (mm): 0.25, Phi Sorting: 1.16 Shell Hash: 1%, Fines (230): 1.20% (SW)
-17.6	4.8		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to 0.5", gray (5Y-6/1), (SW).		1	
-19.0	6.2		SAND, fine grained, quartz, some shell hash, light gray (5Y-7/1), (SW).		3	Sample #3, Depth = 5.5' Mean (mm): 0.43, Phi Sorting: 1.47 Shell Hash: 3%, Fines (230): 0.96% (SW)
-21.2	8.4		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments up to 0.5", 1.5" trace shell hash layers @ 7.1', 7.5', and 7.8', gray (5Y-6/1), (SW).		1	
-26.9	14.1		SAND, fine grained, quartz, trace silt, 0.5" shell fragment @ 11.1', 2" shell hash layer @ 12.9', gray (5Y-6/1), (SP).		4	Sample #4, Depth = 10.6' Mean (mm): 0.13, Phi Sorting: 0.36 Shell Hash: 0%, Fines (230): 1.88% (SP)
-27.1	14.3		CLAY, trace sand, trace shell hash, trace silt, stiff clay, gray (5Y-5/1), (CL).			
-29.6	16.8		SAND, fine grained, quartz, trace silt, trace whole shell, whole shells typically up to 1.0", 1.5" whole shell @ 15.2', 2.0" whole shell @ 15.5', gray (5Y-6/1), (SP).			
-30.5	17.7		SAND, fine grained, quartz, little shell hash, trace silt, 1.0" shelly pocket @ 17.5', shell component is shell fragments up to 1.0" and shell hash, gray (5Y-5/1), (SP).			
-31.2	18.4		No Recovery.			
			End of Boring			