

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Longboat Key 2010 Sand Search Manatee/Sarasota Counties			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION LBVC-10-58			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY Coastal Planning & Engineering, Inc.			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER CPE			12. TOTAL SAMPLES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING	
8. TOTAL DEPTH OF BORING 18.4 Ft.			16. ELEVATION TOP OF BORING -12.8 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.7 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR 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			

FLORIDA DEP ROSS LBVC-10.GPJ FL DEP ROSS.GDT 11/18/10