

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 2 SHEETS
1. PROJECT Longboat Key 2010 Sand Search Manatee/Sarasota Counties			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION LBVC-10-48			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
3. DRILLING AGENCY			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Athena			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 20.0 Ft.			16. ELEVATION TOP OF BORING -11.0 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.5 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR KD	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-11.0	0.0					Shell Hash calculated from visual estimate of shell <4.75mm and >2.8mm.
-11.3	0.3		SAND, fine grained, quartz, trace shell hash, trace silt, white (5Y-8/1), (SP).		1	Sample #1, Depth = 0.2'
-12.5	1.5		SHELL HASH, some sand, little shell fragments, little whole shell, whole shells and shell frags up to 1.25", gray (5Y-6/1), (SW).		2	Mean (mm): 0.18, Phi Sorting: 0.61 Shell Hash: 0%, Fines (230): 1.34% (SP)
-14.5	3.5		SAND, some shell hash, trace shell fragments, trace silt, trace whole shell, shell frags and whole shells up to 1.5", 3" shell pocket @ 2.3', light gray (5Y-7/1), (SW).		3	Sample #2, Depth = 1.0' Mean (mm): 0.61, Phi Sorting: 1.81 Shell Hash: 8%, Fines (230): 0.91% (SW)
-15.2	4.2		SAND, little shell hash, trace shell fragments, trace silt, shell frags up to 1", white (5Y-8/1), (SW).		4	Sample #3, Depth = 2.6' Mean (mm): 0.33, Phi Sorting: 1.48 Shell Hash: 3%, Fines (230): 0.99% (SW)
-15.5	4.5		SHELL HASH, trace sand, trace shell fragments, trace silt, shell frags up to 1", 1.5" whole shell @ 4.2", gray (5Y-5/1), (SW).		5	Sample #4, Depth = 3.9' Mean (mm): 0.22, Phi Sorting: 0.98 Shell Hash: 1%, Fines (230): 1.21% (SW)
-16.2	5.2		SAND, fine grained, quartz, little shell hash, trace shell fragments, trace silt, shell frags up to 1", 0.5" rock frag and 0.75" whole shell @ 4.9', (3"x1") shell hash pocket @ 5.1', white (5Y-8/1), (SW).		4	Sample #5, Depth = 4.3' Mean (mm): 1.04, Phi Sorting: 1.79 Shell Hash: 12%, Fines (230): 0.99% (SW)
-19.0	8.0		SAND, trace shell hash, trace silt, 0.75" silty pocket @ 11.7', white (5Y-8/1), (SP).		5	Sample #6, Depth = 6.6' Mean (mm): 0.18, Phi Sorting: 0.87 Shell Hash: 1%, Fines (230): 1.10% (SW)
-19.4	8.4		SHELL HASH, little sand, little shell fragments, little whole shell, trace silt, shell up to 1.5", light gray (5Y-7/2), (SW).		6	Sample #7, Depth = 8.8' Mean (mm): 0.27, Phi Sorting: 1.47 Shell Hash: 3%, Fines (230): 1.34% (SW)
-20.3	9.3		Clayey SAND, trace shell hash, trace silt, 0.75" rock frag @ 14.6', gray (5Y-5/1), (SC).		7	Sample #8, Depth = 9.8' Mean (mm): 0.35, Phi Sorting: 1.64 Shell Hash: 5%, Fines (230): 2.31% (SW)
-21.1	10.1		SAND, fine grained, quartz, trace shell hash, trace silt, gray (5Y-6/1), (SP).		8	
-21.9	10.9		Silty SAND, some whole shell, little shell fragments, trace shell hash, shell frags up to 1", whole shells up to 2", gray (5Y-5/1), (SM).			
-23.1	12.1		No Recovery.			
-25.6	14.6					
-26.2	15.2					
-27.9	16.9					
-28.5	17.5					
-31.0	20.0					