

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 2 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-10-48			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>3. DRILLING AGENCY</b>			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER Electric <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> Athena			<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> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -11.0 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 17.5 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> 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					