

Boring Designation B-4

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
				OF 1 SHEETS
1. PROJECT Bonita Beach Big Carlos Pass			9. SIZE AND TYPE OF BIT 3.0 In.	
2. BORING DESIGNATION B-4			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
LOCATION COORDINATES X = 688,017.8 Y = 749,235.1			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
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 STARTED COMPLETED 02-16-12 02-16-12	
8. TOTAL DEPTH OF BORING 11.0 Ft.			16. ELEVATION TOP OF BORING -10.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 10.5 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR LA	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-10.9	0.0					
-11.7	0.8		Fine grained quartz sand with little silt. Gradational contact, light gray (5Y 7/2) to, light olive gray (5Y-6/2), (SW).		1	Sample #1, Depth = 0.3' - 0.7' Mean (mm): 0.16, Phi Sorting: 0.98 Fines (230): 3.48% (SW)
-12.9	2.0		Coarse shell hash in a fine grained quartz sand matrix. Little silt. Decreasing shell content with depth. Gradational contact, light olive gray (5Y-6/2), (SW).		2	Sample #2, Depth = 1.0' - 1.4' Mean (mm): 0.86, Phi Sorting: 1.99 Fines (230): 0.53% (SW)
-13.8	2.9				3	
-14.4	3.5		Fine grained quartz sand. Trace silt. Abrupt contact, light gray (5Y-7/2), (SW-SM).		4	Sample #3, Depth = 2.3' - 2.7' Mean (mm): 0.17, Phi Sorting: 1.15 Fines (230): 4.45%
			Abundant coarse to gravel-sized shell fragments in a fine grained quartz sand and silt matrix. Abrupt contact, light olive gray (5Y 6/2) to, olive gray (5Y-5/2), (SW-SM W/ GRAVEL).		5	Sample #4, Depth = 3.0' - 3.4' Mean (mm): 0.68, Phi Sorting: 2.47 Fines (230): 5.80%
-17.9	7.0		Fine grained quartz sand with some silt. Increasing shell fragments with depth.			Sample #5, Depth = 4.0' - 4.4' Mean (mm): 0.16, Phi Sorting: 1.55 Fines (230): 16.53%
-18.9	8.0		Gradational contact, light gray (5Y 7/2) to, light olive gray (5Y-6/2), (SM).		6	Sample #6, Depth = 7.0' - 7.4' Mean (mm): 0.18, Phi Sorting: 1.53 Fines (230): 11.47%
			Silty fine grained quartz sand with abundant medium to coarse grained shell fragments. Increasing shell and silt content with depth. Gradational contact, olive gray (5Y-5/2), (SM).			
-21.0	10.1		Abundant coarse to gravel sized shells in a silty sand matrix. Increasing silt and gravel contents with depth, olive gray (5Y-5/2), (GM).			
			End of Boring			

FLORIDA DEP ROSS 2012-3-1 BONITA BEACH.GPJ FL DEP ROSS.GDT 4/4/12