

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 VERTICAL NAVD 88	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL <input type="checkbox"/> AUTO HAMMER Electric Vibracore <input type="checkbox"/> MANUAL HAMMER	
CONTRACTOR FILE NO.			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
4. NAME OF DRILLER American Vibracore			13. TOTAL NUMBER CORE BOXES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			14. ELEVATION GROUND WATER	
DEG. FROM VERTICAL			15. DATE BORING STARTED 02-16-12 COMPLETED 02-16-12	
BEARING			16. ELEVATION TOP OF BORING -10.9 Ft.	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 10.5 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			18. SIGNATURE AND TITLE OF INSPECTOR	
8. TOTAL DEPTH OF BORING 11.0 Ft.			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	Sample #3, Depth = 2.3' - 2.7' Mean (mm): 0.17, Phi Sorting: 1.15 Fines (230): 4.45%
-14.4	3.5		Fine grained quartz sand. Trace silt. Abrupt contact, light gray (5Y-7/2), (SW-SM).		4	Sample #4, Depth = 3.0' - 3.4' Mean (mm): 0.68, Phi Sorting: 2.47 Fines (230): 5.80%
			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 #5, Depth = 4.0' - 4.4' Mean (mm): 0.16, Phi Sorting: 1.55 Fines (230): 16.53%
-17.9	7.0		Fine grained quartz sand with some silt. Increasing shell fragments with depth.		6	Sample #6, Depth = 7.0' - 7.4' Mean (mm): 0.18, Phi Sorting: 1.53 Fines (230): 11.47%
-18.9	8.0		Gradational contact, light gray (5Y 7/2) to, light olive gray (5Y-6/2), (SM).			
			Silty fine grained quartz sand with abundant medium to coarse grained shell fragments. Increasing shell and silt content with depth.			
-21.0	10.1		Gradational contact, olive gray (5Y-5/2), (SM).			
			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