

Boring Designation C-16

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 C-16			10. COORDINATE SYSTEM/DATUM Florida State Plane West	
LOCATION COORDINATES X = 685,034.4 Y = 755,157.6			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL Electric Vibracore	
CONTRACTOR FILE NO.			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER American Vibracore			12. TOTAL SAMPLES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			DISTURBED	
DEG. FROM VERTICAL			UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 10.5 Ft.			15. DATE BORING 02-16-12	
			STARTED 02-16-12	
			COMPLETED 02-16-12	
			16. ELEVATION TOP OF BORING -11.5 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
-11.5	0.0					
-12.9	1.4		Fine grained quartz sand with some silt and some medium to coarse grained shell fragments. Gradational contact, light olive gray (5Y-6/2), (SM).		1	Sample #1, Depth = 0.5' - 0.9' Mean (mm): 0.17, Phi Sorting: 1.14 Fines (230): 11.53%
-14.0	2.5		Fine grained quartz sand with silt and abundant coarse grained shell fragments. Few gravel sized shell. Gradational contact, olive gray (5Y-5/2), (SM).		2	Sample #2, Depth = 2.0' - 2.4' Mean (mm): 0.44, Phi Sorting: 2.20 Fines (230): 12.15%
-14.9	3.4					
-15.6	4.1		Abundant coarse to gravel sized shell fragments in a silty sand matrix. Abrupt contact, olive gray (5Y-5/2), (GM).			
-16.9	5.4		Fine grained quartz sand with little silt. Gradational contact, light gray (5Y-7/2), (SP-SM).			
-19.6	8.1		Abundant coarse to gravel sized shell fragments in a matrix of fine grained quartz sand and some silt. Increasing silt content with depth. Gradational contact, gray (5Y-6/1), (GW-GM).			
-20.5	9.0		Abundant coarse to gravel sized shells in a sandy silt matrix. Gradational contact, gray (5Y-5/1), (GM).			
-21.4	9.9					
-22.0	10.5		Fine grained quartz sand with abundant silt and some coarse to gravel sized oyster shells. Gradational contact, dark gray (5Y-4/1), (ML).			
			Fine grained quartz sand with some silt-filled burrows. Gradational contact, light gray (5Y 7/2) to, dark gray (5Y-4/1), (SP-SM).			
			Partially lithified limestone material, light gray (5Y-7/1), (LS).			
			End of Boring			

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