

Boring Designation B-1

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> Bonita Beach Big Carlos Pass			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> B-1			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 687,547.6 Y = 749,955.6			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>CONTRACTOR FILE NO.</b>	
<b>4. NAME OF DRILLER</b> American Vibracore			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Electric Vibracore	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>12. TOTAL SAMPLES</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>DISTURBED</b>	
<b>8. TOTAL DEPTH OF BORING</b> 11.0 Ft.			<b>UNDISTURBED (UD)</b>	
			<b>13. TOTAL NUMBER CORE BOXES</b>	
			<b>14. ELEVATION GROUND WATER</b>	
			<b>15. DATE BORING</b>	
			<b>STARTED</b> 02-15-12	
			<b>COMPLETED</b> 02-15-12	
			<b>16. ELEVATION TOP OF BORING</b> -10.1 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 9.5 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> LA	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-10.1	0.0					
-13.6	3.5		Abundant medium to coarse grained shell fragments in a fine grained quartz sand matrix. Layer of fine grained quartz sand without shell from 1.0'-1.4'. Gradational contact, light olive gray (5Y-6/2), (SW).		1	Sample #1, Depth = 1.5' - 1.9' Mean (mm): 0.53, Phi Sorting: 1.72 Fines (230): 0.41% (SW)
-17.1	7.0		Fine grained quartz sand with little silt. Increasing silt content with depth. Few shell fragments. Very gradual contact, gray (5Y 6/1) to, gray (5Y-5/1), (SW-SM).		2	Sample #2, Depth = 4.0' - 4.4' Mean (mm): 0.16, Phi Sorting: 1.09 Fines (230): 8.07%
-19.0	8.9		Fine grained quartz sand with some silt. Few gravel-sized shells to 1". Increasing silt content with depth. Gradational contact, gray (5Y-5/1), (SM).		3	Sample #3, Depth = 7.5' - 7.9' Mean (mm): 0.13, Phi Sorting: 0.77 Fines (230): 10.57%
-19.6	9.5		Abundant coarse to gravel sized shell fragments in a sandy silt matrix, gray (5Y-5/1), (GM).			
			End of Boring			

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