

Boring Designation B-17

<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-17			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 687,106.1 Y = 749,276.8			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>VERTICAL</b> NAVD 88	
<b>4. NAME OF DRILLER</b> American Vibracore			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> <b>AUTO HAMMER</b> Electric Vibracore <input type="checkbox"/> <b>MANUAL HAMMER</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>			<b>12. TOTAL SAMPLES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>DISTURBED</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>UNDISTURBED (UD)</b>	
<b>8. TOTAL DEPTH OF BORING</b> 10.5 Ft.			<b>13. TOTAL NUMBER CORE BOXES</b>	
			<b>14. ELEVATION GROUND WATER</b>	
			<b>15. DATE BORING</b> <b>STARTED</b> 02-17-12 <b>COMPLETED</b> 02-17-12	
			<b>16. ELEVATION TOP OF BORING</b> -11.9 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 9.7 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
-11.9	0.0					
-12.6	0.7		Fine grained quartz sand with some silt and some shell hash and whole shells to 1". Gradational contact, light olive gray (5Y-6/2), (SW-SM).		1	Sample #1, Depth = 0.0' - 0.4' Mean (mm): 0.17, Phi Sorting: 1.20 Fines (230): 5.18%
-13.4	1.5		Fine grained quartz sand with some shell hash. Trace silt. Abrupt contact, white (5Y 8/1), light gray (5Y-7/2), (SW).		2	Sample #2, Depth = 1.0' - 1.4' Mean (mm): 0.34, Phi Sorting: 1.65 Fines (230): 0.53% (SW)
-14.2	2.3		Fine grained quartz sand with some silt. Gradational contact, light olive gray (5Y-6/2), (SW-SM).		3	Sample #3, Depth = 1.9' - 2.3' Mean (mm): 0.19, Phi Sorting: 1.63 Fines (230): 8.16%
			Fine grained quartz sand with some fines. Increasing fines with depth. Some coarse to gravel sized shell. Gradational contact, light olive gray (5Y-6/2), (SW-SM).		4	Sample #4, Depth = 3.5' - 3.9' Mean (mm): 0.19, Phi Sorting: 1.70 Fines (230): 9.40%
-19.3	7.4		Silty sand with abundant coarse to gravel sized shell, olive gray (5Y-5/2), (SM).		5	Sample #5, Depth = 8.5' - 8.9' Mean (mm): 0.42, Phi Sorting: 2.38 Fines (230): 13.71%
-21.6	9.7		End of Boring			

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