

## Boring Designation B-5A

<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-5A			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane West	
<b>LOCATION COORDINATES</b> X = 688,922.8 Y = 749,441.8			<b>HORIZONTAL</b> NAD 1983	
<b>3. DRILLING AGENCY</b> American Vibracore Services			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> Electric Vibracore	
<b>CONTRACTOR FILE NO.</b>			<input type="checkbox"/> <b>AUTO HAMMER</b> <input type="checkbox"/> <b>MANUAL HAMMER</b>	
<b>4. NAME OF DRILLER</b> American Vibracore			<b>12. TOTAL SAMPLES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> <b>VERTICAL</b> <input type="checkbox"/> <b>INCLINED</b>			<b>DISTURBED</b>	
<b>DEG. FROM VERTICAL</b>			<b>UNDISTURBED (UD)</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>8. TOTAL DEPTH OF BORING</b> 7.0 Ft.			<b>15. DATE BORING</b> 02-15-12	
			<b>STARTED</b> 02-15-12	
			<b>COMPLETED</b> 02-15-12	
			<b>16. ELEVATION TOP OF BORING</b> -11.8 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 6.1 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
-11.8	0.0					
-12.9	1.1		Fine grained quartz sand with little silt. Gradational contact, light olive gray (5Y-6/2), (SW-SM).		1	Sample #1, Depth = 0.5' - 0.9' Mean (mm): 0.18, Phi Sorting: 1.03 Fines (230): 5.54%
-13.4	1.6				2	Sample #2, Depth = 1.1' - 1.4' Mean (mm): 0.61, Phi Sorting: 1.98 Fines (230): 0.49%
-13.9	2.1		Fine grained quartz sand with some coarse shell hash and few gravel sized shells. Whole welk to 1.5". Gradational contact, white (5Y-8/1), (SW WITH GRAVEL).		3	Sample #3, Depth = 1.6' - 2.0' Mean (mm): 0.20, Phi Sorting: 1.19 Fines (230): 3.77% (SW)
-15.3	3.5		Fine grained quartz sand with little silt and few medium to coarse shell fragments. Gradational contact, light gray (5Y-7/2), (SW).		4	Sample #4, Depth = 3.0' - 3.4' Mean (mm): 0.50, Phi Sorting: 2.32 Fines (230): 6.84%
-17.0	5.2		Fine grained quartz sand with some silt and abundant coarse to gravel sized shell fragments. Increasing silt content with depth. Abrupt contact, light olive gray (5Y-6/2), (SW-SM).		5	Sample #5, Depth = 4.0' - 4.4' Mean (mm): 0.16, Phi Sorting: 1.48 Fines (230): 9.33%
-17.4	5.6					
-17.6	5.8		Fine grained quartz sand with some silt and some medium to coarse sized shell fragments. Gradational contact, light olive gray (5Y 6/2) to, olive gray (5Y-5/2), (SW-SM). Abundant coarse to gravel sized shell fragments in a silty sand matrix. Abrupt contact, olive gray (5Y-5/2), (GM). 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