

<b>DRILLING LOG</b>		<b>DIVISION</b>	<b>INSTALLATION</b>	<b>SHEET 1</b> <b>OF 1 SHEETS</b>
<b>1. PROJECT</b> St. Lucie Vibracores St. Lucie County, FL			<b>9. SIZE AND TYPE OF BIT</b> 3.0 In.	
<b>2. BORING DESIGNATION</b> SLVC-06-39			<b>10. COORDINATE SYSTEM/DATUM</b> Florida State Plane East	
<b>3. DRILLING AGENCY</b> America Vibracoring Inc.			<b>11. MANUFACTURER'S DESIGNATION OF DRILL</b> <input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
<b>4. NAME OF DRILLER</b> Fred Kaub, P.G.			<b>12. TOTAL SAMPLES</b>	
<b>5. DIRECTION OF BORING</b> <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			<b>13. TOTAL NUMBER CORE BOXES</b>	
<b>6. THICKNESS OF OVERBURDEN</b> 0.0 Ft.			<b>14. ELEVATION GROUND WATER</b>	
<b>7. DEPTH DRILLED INTO ROCK</b> 0.0 Ft.			<b>15. DATE BORING</b> 05-23-06 11:12	
<b>8. TOTAL DEPTH OF BORING</b> 20.0 Ft.			<b>16. ELEVATION TOP OF BORING</b> -25.0 Ft.	
			<b>17. TOTAL RECOVERY FOR BORING</b> 18.8 Ft.	
			<b>18. SIGNATURE AND TITLE OF INSPECTOR</b> ML	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS
-25.0	0.0					
-26.6	1.6		SHELL HASH, some sand, fine grained, quartz, trace shell fragments, trace silt, shell fragments less than 0.5", dark grayish brown (2.5Y-4/2), (SP).		1	Sample #1, Depth = 0.6' Mean (mm): 0.58, Phi Sorting: 0.79 Fines (230): 1.56% (SP)
-30.3	5.3		Sandy SHELL HASH, trace shell fragments, trace silt, shell fragments less than 0.5", dark gray (2.5Y-4/1), (SP).		2	Sample #2, Depth = 3.0' Mean (mm): 0.44, Phi Sorting: 0.70 Fines (230): 1.34% (SP)
-31.7	6.7		SAND, fine grained, quartz, little silt, trace shell hash, 2" shell hash pocket @ base, greenish gray (10Y-5/1), (SW).		3	Sample #3, Depth = 6.0' Mean (mm): 0.16, Phi Sorting: 0.96 Fines (230): 2.67% (SW)
-34.2	9.2		SAND, little silt, 1" shell fragment layers @ 7.7' and 8.6', greenish gray (10Y-5/1), (SP-SM).		4	Sample #4, Depth = 8.0' Mean (mm): 0.10, Phi Sorting: 0.53 Fines (230): 5.59% (SP-SM)
-39.0	14.0		Clayey SHELL FRAGMENTS, little sand, fine grained, quartz, shell fragments up to (1"x2"), greenish gray (10Y-6/1), (GC).			
-42.2	17.2		Silty SAND, fine grained, quartz, little shell fragments, little shell hash, shell fragments up to (0.5"x1"), greenish gray (10Y-5/1), (SM).			
-43.8	18.8		Clayey SHELL FRAGMENTS, shell fragments up to (1"x2"), greenish gray (10Y-6/1), (GC).			
-45.0	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/29/06