

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-B54			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 931,181 Y = 1,094,561			HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services			11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	
CONTRACTOR FILE NO.			<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER AVS			12. TOTAL SAMPLES	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED			13. TOTAL NUMBER CORE BOXES	
DEG. FROM VERTICAL			14. ELEVATION GROUND WATER	
BEARING			15. DATE BORING 04-18-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -34.1 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 17.5 Ft.	
8. TOTAL DEPTH OF BORING 20.0 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
-34.1	0.0					
			Medium grained skeletal sand with little quartz fraction and some coarse grained shell fragments. Trace gravel shell fragments. Abrupt contact, pale olive (5Y-6/4), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 3.0' - 3.3'
-39.0	4.9					
			Fine to medium grained skeletal sand with little quartz fraction. Mottled with above layer. Variable color. Gradational contact, light olive brown (2.5Y 5/3) to, olive gray (5Y-4/2), (SW).		3	Sample #3, Depth = 5.5' - 5.8'
-42.3	8.2					
-42.7	8.6					
			Medium grained skeletal sand with abundant coarse shell fragments and some gravel-size shells. Gradational contact, light olive brown (2.5Y-5/3), (SW WITH GRAVEL).		4	Sample #4, Depth = 9.0' - 9.3'
-44.2	10.1					
-44.7	10.6				5	Sample #5, Depth = 10.2' - 10.5'
			Fine to medium grained skeletal sand with little quartz fraction. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).			
			Medium grained skeletal sand with abundant coarse grained shell fragments and some gravel-sized shell. Gradational contact, dark grayish brown(2.5Y 4/2) to, light olive brown (2.5Y-5/3), (SW).			
			Fine to medium grained skeletal sand with some quartz fraction. Few narrow bands of gravel-sized shell fragments throughout. Darkening with depth, dark grayish brown (2.5Y 4/2) to, light olive brown (2.5Y-5/3), (SP).		6	Sample #6, Depth = 14.0' - 14.3'
-51.6	17.5					
			No Recovery.			
-54.1	20.0					
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 11/10/11