

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-C110			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 937,241 Y = 1,108,564			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 04-21-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -44.6 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 15 Ft.	
8. TOTAL DEPTH OF BORING 16.1 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
-44.6	0.0					
			Fine to medium grained skeletal sand with abundant quartz sand. Gradational contact, olive brown (2.5Y-4/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-50.1	5.5				2	Sample #2, Depth = 4.5' - 4.8'
-50.8	6.2		As above with some coarse to gravel-sized shell fragments. Gradational contact, olive brown (2.5Y-4/3), (SW WITH GRAVEL).		3	Sample #3, Depth = 5.5' - 5.8'
			Fine to medium grained skeletal sand with abundant fine grained quartz sand. Trace coarse to gravel-sized shell fragments. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).		4	Sample #4, Depth = 8.5' - 8.8'
-55.2	10.6					
-55.9	11.3		Abundant coarse to gravel-sized shell fragments in a matrix of fine to medium grained skeletal sand. Some quartz. Gradational contact, dark grayish brown (2.5Y-4/2), (SW WITH GRAVEL).		5	Sample #5, Depth = 11.0' - 11.3'
-56.3	11.7					
-56.5	11.9					
-56.7	12.1					
-57.3	12.7		Fine grained quartz sand with abundant medium to coarse grained shell fragments. Gradational contact, olive gray (5Y-5/2), (SW).			
-59.6	15.0		Nearly lithified bivalve shell fragments in a matrix of skeletal sand. Abrupt contact, olive gray (5Y-5/2), (GW).			
-60.7	16.1		Fine grained quartz sand with abundant fine blackend shell fragments, dark gray (5Y-4/1), (SP).			
			Abundant coarse and some gravel-sized shell fragments (bivalves). Some silt. Gradational contact, olive gray (5Y-5/2), (GW-GM).			
			Fine grained quartz sand with abundant fine to medium blackened shell fragments. Trace silt, dark gray (5Y-4/1), (SW).			
			No Recovery.			
			End of Boring			