

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-B68			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 931,182 Y = 1,097,572			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 04-19-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			STARTED 04-19-11	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			COMPLETED 04-19-11	
8. TOTAL DEPTH OF BORING 20.0 Ft.			16. ELEVATION TOP OF BORING -41.1 Ft.	
			17. TOTAL RECOVERY FOR BORING 17.2 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
-41.1	0.0					
			Medium grained skeletal sand with some quartz fraction. Abundant gravel-sized bivalve fragments in upper 0.5'. Gradational contact, light olive brown (2.5Y-5/3), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
					3	Sample #3, Depth = 6.0' - 6.3'
-48.0	6.9				4	Sample #4, Depth = 7.5' - 7.8'
			Fine grained quartz sand with abundant fine shell fragments, dark grayish brown (2.5Y-4/2), (SP).			
-50.5	9.4				5	Sample #5, Depth = 11.0' - 11.3'
-50.8	9.7				6	Sample #6, Depth = 13.0' - 13.3'
			Medium to coarse grained blackened skeletal sand with some gravel-sized shell. Abrupt contact, gray (2.5Y-5/1), (SW WITH GRAVEL).			
			Fine grained quartz sand with abundant fine grained shell fragments. Trace coarse to gravel-sized shell fragments. Gradational contact, very dark gray (2.5Y-3/1), (SP).			
-54.0	12.9					
-54.4	13.3					
			Coarse blackened shell hash with some gravel-sized shell fragments. Abrupt contact, black (2.5Y-2.5/1), (SW).			
-55.5	14.4					
-56.0	14.9					
			Fine grained quartz sand with abundant fine grained blackened shell fragments. Few coarse to gravel-sized shell fragments. Gradational contact, very dark gray (2.5Y-3/1), (SP).			
-57.3	16.2					
			Coarse blackened shell hash with some gravel-sized shell fragments. Gradational contact, black (2.5Y-2.5/1), (SW).			
-58.3	17.2					
			Silt. Mottled with above layer. Gradational contact, olive gray (5Y-5/2), (ML).			
			Coarse to medium grained blackened shell hash with little quartz fraction, black (2.5Y-2.5/1), (SW).			
-61.1	20.0					
			No Recovery.			
			End of Boring			

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