

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-B69			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 932,161 Y = 1,097,561			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 04-19-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -41.2 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 16.8 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
-41.2	0.0					
			Medium grained skeletal sand with some quartz fraction. Trace gravel-size shell fragments. Abrupt contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.5' - 4.8'
-47.7	6.5		Fine to medium grained skeletal sand. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).		3	Sample #3, Depth = 7.5' - 7.8'
-51.7	10.5		Medium grained skeletal sand with few gravel-size bivalve shell fragments to 2". Gradational contact, light olive brown (2.5Y-5/3), (SW).		4	Sample #4, Depth = 10.0' - 10.3'
-53.8	12.6		Medium grained blackened skeletal sand with abundant gravel size shell from 14' to 14.3'. Abrupt contact, black (2.5Y-2.5/1), (SW).		5	Sample #5, Depth = 13.0' - 13.3'
-55.5	14.3		Fine grained quartz sand with little silt. Some fine grained shell fragments. Abrupt contact, dark gray (2.5Y-4/1), (SP-SM).			
-56.2	15.0		Alternating layers, Interbedded clay and fine grained sand with silt. Gradational contact, dark gray (2.5Y-4/1), (SM).			
-57.3	16.1		Abundant white gravel-size bivalve shell fragments in a matrix of medium grained blackened shell fragments, very dark gray (2.5Y-3/1), (GW).			
-58.0	16.8		No Recovery.			
-61.2	20.0		End of Boring			

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