

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-B58			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,187 Y = 1,095,562			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			DISTURBED	
DEG. FROM VERTICAL			UNDISTURBED (UD)	
BEARING			13. TOTAL NUMBER CORE BOXES	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			14. ELEVATION GROUND WATER	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			15. DATE BORING 04-18-11	
8. TOTAL DEPTH OF BORING 20.0 Ft.			STARTED 04-18-11	
			COMPLETED 04-18-11	
			16. ELEVATION TOP OF BORING -46.6 Ft.	
			17. TOTAL RECOVERY FOR BORING 16.6 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
-46.6	0.0					
			Fine to medium grained skeletal sand with some quartz fraction. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
-52.2	5.6				3	Sample #3, Depth = 5.7' - 6.0'
			Fine to medium grained quartz sand with abundant blackened shell fragments interbedded with mud. Mud layers at 6.3' to 6.4', 9.0' to 9.3' and 10.0' to 10.4'. Trace gravel-size shell fragments. Abrupt contact, dark gray (5Y-4/1), (SP-SM).			
-56.9	10.3				4	Sample #4, Depth = 10.5' - 10.8'
			Fine to medium grained blackened skeletal sand with some quartz fraction and some gravel-sized shell fragments. Gradational contact, very dark gray (2.5Y-3/1), (SW-SM).			
-59.5	12.9				5	Sample #5, Depth = 13.5' - 13.8'
			Fine grained quartz sand with abundant fine grained shell fragments. Trace silt. Gradational contact, gray (5Y-5/1), (SM).			
-61.3	14.7				6	Sample #6, Depth = 15.5' - 15.8'
			Gravel-sized shell fragments in a matrix of fine grained sand and silt, (5T-4/1), (SM).			
-63.2	16.6					
			No Recovery.			
-66.6	20.0					
			End of Boring			

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