

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-C101			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 935,243 Y = 1,106,568			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 04-21-11	
8. TOTAL DEPTH OF BORING 17.4 Ft.			STARTED 04-21-11	
			COMPLETED 04-21-11	
			16. ELEVATION TOP OF BORING -36.9 Ft.	
			17. TOTAL RECOVERY FOR BORING 15 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
-36.9	0.0					
			Medium grained skeletal sand with few coarse shell fragments. Little quartz fraction. Gradational contact, olive brown (2.5Y-4/3), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
-41.9	5.0				2	Sample #2, Depth = 4.0' - 4.3'
			Fine to medium grained skeletal sand with some quartz fraction. Gradational contact, olive gray (5Y-4/2), (SW).		3	Sample #3, Depth = 6.5' - 6.8'
-44.5	7.6				4	Sample #4, Depth = 8.0' - 8.3'
-45.3	8.4		Medium grained skeletal sand with some coarse shell fragments and few gravel-sized shells to 1.5", olive gray (5Y-5/2), (SW).			
			Fine to medium grained skeletal sand with some quartz fraction. Alternating layers of more abundant shell fragments. Abrupt contact, light olive brown (2.5Y 5/3) to, dark gray (5Y-4/1), (SW).		5	Sample #5, Depth = 12.0' - 12.3'
-49.7	12.8				6	Sample #6, Depth = 13.0' - 13.3'
-50.6	13.7		Abundant coarse to gravel-sized, highly disturbed shell fragments in a matrix of medium grained skeletal sand with little quartz fraction. Whole shells to 2". Abrupt contact, light olive brown (2.5Y-5/3), (SW).			
-51.9	15.0		Fine to medium grained skeletal sand with some quartz fraction, olive gray (5Y-5/2), (SW). No Recovery.			
-54.3	17.4					
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS.GDT 12/5/11