

DRILLING LOG		DIVISION	INSTALLATION	SHEET 1
1. PROJECT 2011 SLC Geotech Investigation St. Lucie County			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION SLC-11-C107		LOCATION COORDINATES X = 934,239 Y = 1,108,561	10. COORDINATE SYSTEM/DATUM Florida State Plane East	HORIZONTAL NAD 1983
3. DRILLING AGENCY American Vibracore Services		CONTRACTOR FILE NO.	11. MANUFACTURER'S DESIGNATION OF DRILL Pneumatic Vibracore	<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER
4. NAME OF DRILLER AVS		12. TOTAL SAMPLES	DISTURBED	UNDISTURBED (UD)
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL	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 13.0 Ft.		16. ELEVATION TOP OF BORING -41.7 Ft.		
		17. TOTAL RECOVERY FOR BORING 12.7 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
-41.7	0.0					
-42.4	0.7		Medium grained skeletal sand with some quartz fraction. Gradational contact, olive brown (2.5Y-4/4), (SW).		1	Sample #1, Depth = 0.2' - 0.5'
-43.7	2.0		Medium grained skeletal sand with some coarse to gravel-sized shell fragments. Gradational contact, olive brown (2.5Y-4/4), (SW WITH GRAVEL).		2	Sample #2, Depth = 1.0' - 1.3'
			Medium grained skeletal sand with some quartz fraction and trace gravel-sized shell fragments. Whole shell to 1.5", olive brown (2.5Y-4/3), (SP).		3	Sample #3, Depth = 4.5' - 4.8'
-48.4	6.7		Abundant coarse to gravel-sized shell fragments in a matrix of medium grained skeletal sand with little quartz. Gradational contact, olive gray (5Y-5/2), (SW WITH GRAVEL).		4	Sample #4, Depth = 6.7' - 7.0'
-49.1	7.4		Fine grained quartz sand with abundant fine grained shell fragments. Contact obscured by cut, olive gray (5Y-5/2), (SP).			
-49.4	7.7		Fine grained sand with abundant fine to medium grained shell fragments. Some coarse grained shell fragments. Gradational contact, olive gray (5Y-5/2), (SW).			
-50.6	8.9		Fine grained quartz sand with abundant fine to medium grained shell fragments. Fining with depth. Trace silt. Gradational contact, olive gray (5Y-4/2), (SW).			
-53.2	11.5		Fine grained quartz sand with abundant fine to medium grained shell fragments and little silt. Some coarse shell fragments. Gradational contact, olive gray (5Y-4/2), (SW-SM).			
-53.9	12.2		Abundant coarse to gravel-sized shell fragments in a matrix of medium grained skeletal sand. Some silt and bivalves. Possibly estuarine, dark gray (2.5Y-4/1), (GW-GM).			
-54.4	12.7		No Recovery.			
-54.7	13.0		End of Boring			

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