

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-C109		LOCATION COORDINATES X = 936,241 Y = 1,108,563	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 17.0 Ft.		16. ELEVATION TOP OF BORING -40.7 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
-40.7	0.0					
			Medium grained skeletal sand with some quartz content. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
-42.7	2.0					
-43.7	3.0		As above with some gravel and coarse grained shell fragments, light olive brown (2.5Y-5/3), (SW WITH GRAVEL).		2	Sample #2, Depth = 2.5' - 2.8'
			Medium grained skeletal sand with trace gravel-sized shell fragments. Gradational contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SP).		3	Sample #3, Depth = 7.0' - 7.3'
-49.9	9.2					
-50.5	9.8		Fine grained quartz sand with some silt and some fine grained shell fragments. Gradational contact, dark gray (5Y-4/1), (SW-SM).		4	Sample #4, Depth = 9.2' - 9.5'
-52.1	11.4		Medium grained skeletal sand with some quartz fraction. Few gravel to coarse-sized shell fragments. Fining with depth. Gradational contact, olive brown (2.5Y-4/3), (SW).			
-53.9	13.2		Abundant coarse to gravel-sized bivalve shell fragments in a matrix of fine grained quartz sand with abundant fine to medium grained shell fragments. Interbedded with narrow (<2") bands of fine grained quartz sand. Abrupt contact, light olive gray (5Y-6/2), (GW-GM).			
-54.4	13.7		Interbedded fine grained quartz sand with abundant fine grained blackened shell hash and silt. Abrupt contact, dark gray (5Y 4/1) to, light olive gray (5Y-6/2), (SM).			
-55.7	15.0		Abundant blackened gravel-sized shell fragments in a matrix of medium to coarse blackened shell fragments, black (2.5Y-2.5/1), (GW).			
-57.7	17.0		No Recovery.			
			End of Boring			

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