

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-C104			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 934,235 Y = 1,107,567			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 04-21-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -41.9 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 19.5 Ft.	
8. TOTAL DEPTH OF BORING 19.5 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
-41.9	0.0					
			Medium grained skeletal sand with some quartz fraction. Some coarse to gravel-sized shell fragments in upper 0.5'. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-45.9	4.0					
-47.2	5.3		Medium grained skeletal sand with some quartz fraction and abundant coarse to gravel-sized shell fragments. Whole shells to 1". Gradational contact, light olive brown (2.5Y-5/3), (SW WITH GRAVEL).		2	Sample #2, Depth = 4.5' - 4.8'
			Medium grained skeletal sand with some quartz fraction. Few gravel-sized whole shells throughout. Darkening with depth. Gradational contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW).		3	Sample #3, Depth = 7.5' - 7.8'
-55.3	13.4				4	Sample #4, Depth = 12.0' - 12.3'
-56.1	14.2		Fine grained quartz sand with some silt. Gradational contact, dark gray (5Y-4/1), (SW).		5	Sample #5, Depth = 13.7' - 14.0'
-57.0	15.1		Abundant medium to coarse grained blackened shell fragments with some gravel-sized shells. Whole bivalve half-shells to 2". Little silt. Gradational contact, dark gray (5Y-4/1), (SW WITH GRAVEL).			
-58.6	16.7					
-59.9	18.0		Medium grained blackened skeletal sand with some fine grained quartz sand. Some coarse blackened shell fragments. Trace silt. Gradational contact, very dark gray (2.5Y-3/1), (SW).			
-60.6	18.7					
-61.4	19.5		Fine grained quartz sand with trace silt. Mottled with burrows filled with above layer, gray (5Y-5/1), (SP).			
			Medium to coarse skeletal sand with some fine grained quartz sand. Trace silt. Gradational contact, gray (5Y-5/1), (SW).			
			Fine grained quartz sand with trace silt, gray (5Y-5/1), (SP).			
			End of Boring			

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