

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-B48			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,170 Y = 1,092,557			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 04-17-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -44.2 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 20 Ft.	
8. TOTAL DEPTH OF BORING 17.0 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
-44.2	0.0					
			Fine to medium grained skeletal sand with some fine grained quartz sand. Trace coarse and gravel-sized shell. Abrupt contact, light olive brown (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SP).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
-49.8	5.6					
-50.3	6.1		Abundant coarse to gravel-size shell in a matrix of medium grained skeletal sand with some quartz content. Abrupt contact, dark gray (5Y-4/1), (SW).		3	Sample #3, Depth = 5.6' - 5.9'
			Fine grained quartz sand with abundant blackened shell fragments. Increasing shell size with depth to medium grained shell. Trace silt increasing with depth. Gradational contact, dark gray (5Y 4/1) to, very dark gray (5Y-3/1), (SP).		4	Sample #4, Depth = 9.0' - 9.3'
-56.4	12.2					
-58.3	14.1		Fine grained quartz sand with little silt. Increasing silt content with depth. Abundant fine grained shell fragments, some medium to coarse grained shell. Gradational contact, dark gray (5Y-4/1), (SP-SM).		5	Sample #5, Depth = 13.5' - 13.8'
			Abundant coarse to gravel-size shell fragments in a matrix of fine grained quartz sand with some silt. Abundant fine to medium grained blackened shell fragments. Fining with depth, olive gray (5Y 4/2) to, very dark gray (5Y-3/1), (GM).			
-61.2	17.0					
			No Recovery.			
-64.2	20.0					
			End of Boring			

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