

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-A32			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 930,992 Y = 1,086,452			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)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 20.0 Ft.			15. DATE BORING 04-17-11	
			STARTED 04-17-11	
			COMPLETED 04-17-11	
			16. ELEVATION TOP OF BORING -38.3 Ft.	
			17. TOTAL RECOVERY FOR BORING 16.7 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
-38.3	0.0					
-39.2	0.9		Medium grained skeletal sand with little fine grained quartz fraction. Some coarse grained shell fragments. Coarsening with depth. Gradational contact, light olive brown (2.5Y-5/3), (SW).			
			Medium grained skeletal sand with some fine grained quartz sand and some coarse grained shell and few gravel-sized shells. Some shell is blackened. Trace silt. Abrupt contact, dark gray (5Y-4/1), (SW).		1	Sample #1, Depth = 2.5' - 2.8'
-44.4	6.1					
-45.0	6.7		Medium grained skeletal sand with some coarse to gravel-sized shell fragments. Contact obscured by cut, olive gray (5Y-5/2), (SW WITH GRAVEL).			
			Medium grained skeletal sand with little fine grained quartz fraction. Some coarse grained shell fragments. Gradational contact, light olive brown (2.5Y-5/3), (SW).			
-49.2	10.9					
-50.4	12.1		Medium grained blackened skeletal sand with some fine grained quartz sand. Fining with depth. Abrupt contact, dark gray (2.5Y-4/1), (SW).			
-51.1	12.8		Fine grained quartz sand with silt layers. Some medium grained blackened shell fragments. Abrupt contact, gray (5Y-5/1), (SM).			
-52.4	14.1		Medium grained blackened skeletal sand with some fine grained quartz sand. Fining with depth. Abrupt contact, dark gray (2.5Y-4/1), (SW).			
-52.9	14.6					
-53.3	15.0		Fine grained quartz sand with silt layers. Some medium grained blackened shell fragments. Abrupt contact, gray (5Y-5/1), (SM).			
			Medium grained blackened skeletal sand with some fine grained quartz sand. Fining with depth. Abrupt contact, dark gray (2.5Y-4/1), (SW).			
-55.0	16.7					
			Fine grained quartz sand with some silt and some fine grained blackened shell fragments, very dark gray (2.5Y-3/1), (SM).			
-58.3	20.0		No Recovery.			
			End of Boring			

FLORIDA DEP ROSS 2011-6-16 SLC PLANS AND SPECS.GPJ FL DEP ROSS GDT 11/22/11