

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-A29			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 932,000 Y = 1,085,453			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 -32.4 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 16.7 Ft.	
8. TOTAL DEPTH OF BORING 18.6 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
-32.4	0.0					
			Medium grained skeletal sand with abundant fine grained quartz sand. Variable color. Increasing shell size with depth. Some coarse shell content and trace gravel-size shell. Gradational contact, light olive gray (2.5Y 5/3) to, olive brown (2.5Y-4/3), (SW).		1	Sample #1, Depth = 1.0' - 1.3'
-37.5	5.1				2	Sample #2, Depth = 4.5' - 4.8'
			Fine to medium grained skeletal sand with some fine grained quartz sand. Gradational contact, dark grayish brown (2.5Y-4/2), (SP).		3	Sample #3, Depth = 7.5' - 7.8'
-41.7	9.3				4	Sample #4, Depth = 9.3' - 9.6'
			As above with some gravel-sized shell fraction. Bivalve halves to 2". Gradational contact, dark grayish brown (2.5Y-4/2), (SW).			
-43.9	11.5				5	Sample #5, Depth = 14.0' - 14.3'
			Fine grained quartz sand with abundant fine to medium grained shell fragments, some blackened. Few coarse to gravel-sized shell fragments. Coarsening with depth. Trace silt, dark grayish brown (2.5Y 4/2) to, dark gray (2.5Y-4/1), (SW).			
-49.1	16.7					
-51.0	18.6		No Recovery.			
			End of Boring			

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