

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-B59			10. COORDINATE SYSTEM/DATUM Florida State Plane East	
LOCATION COORDINATES X = 933,097 Y = 1,094,513			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 04-18-11	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			16. ELEVATION TOP OF BORING -46.3 Ft.	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.			17. TOTAL RECOVERY FOR BORING 18.3 Ft.	
8. TOTAL DEPTH OF BORING 20.0 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
-46.3	0.0					
			Medium grained skeletal sand with few gravel-sized shell fragments throughout. Concentrated gravel-sized shell from 6.2'-6.5'. Gradational contact, light olive brown (2.5Y-5/3), (SW).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
-53.2	6.9					
			Fine to medium grained skeletal sand with some quartz fraction. Concentrated gravel-sized shell fragments from 9.7' to 10'. Darkening with depth. Abrupt contact, dark gray (2.5Y 4/1) to, dark grayish brown (2.5Y-4/2), (SW).		3	Sample #3, Depth = 7.5' - 7.8'
-56.5	10.2					
			Blackened skeletal sand with some quartz fraction and abundant gravel size shell fragments. Gradational contact, very dark gray (2.5Y-3/1), (SW).		4	Sample #4, Depth = 10.5' - 10.8'
-57.9	11.6					
			Fine to medium grained skeletal sand with some quartz fraction. Abundant coarse shell in layers throughout. Contact obscured by cut, olive gray (5Y-4/2), (SP).		5	Sample #5, Depth = 12.0' - 12.3'
-59.6	13.3					
-60.6	14.3		Blackened skeletal sand with some gravel-size shell fragments. Abrupt contact, very dark gray (2.5Y-3/1), (SW).			
-62.0	15.7					
			Fine grained quartz sand with abundant fine grained blackened shell fragments. Trace silt. Abundant gravel-size shell fragments from 15.0' to 15/2'. Abrupt contact, gray (5Y-5/1), (SP). Abundant coarse to gravel-size shell fragments in a fine grained sand and silt matrix, dark gray (5Y-4/1), (SM).		6	Sample #6, Depth = 16.5' - 16.8'
-64.6	18.3					
-66.3	20.0		No Recovery.			
			End of Boring			

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