

# Boring Designation PS-5

<b>DRILLING LOG</b>		DIVISION		INSTALLATION		SHEET 1 OF 1 SHEETS	
1. PROJECT South SLC Offshore Sand Search South St. Lucie Co.				9. SIZE AND TYPE OF BIT			
2. BORING DESIGNATION PS-5				10. COORDINATE SYSTEM/DATUM Florida State Plane East		HORIZONTAL NAD 1983	
3. DRILLING AGENCY American Vibracore Services				11. MANUFACTURER'S DESIGNATION OF DRILL pneumatic vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER AVS				12. TOTAL SAMPLES		DISTURBED UNDISTURBED (UD)	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				13. TOTAL NUMBER CORE BOXES		14. ELEVATION GROUND WATER	
6. THICKNESS OF OVERBURDEN 0.0 Ft.				15. DATE BORING 12-04-08		STARTED 12-04-08	
7. DEPTH DRILLED INTO ROCK 0.0 Ft.				16. ELEVATION TOP OF BORING -34.7 Ft.		17. TOTAL RECOVERY FOR BORING 20 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
-34.7	0.0					
-36.4	1.7		Medium grained skeletal sand with some fine grained quartz sand and abundant gravel-sized shell fragments to 1". 3" sand dollar fragment at 1.5'. Gradation contact, grayish brown (10YR-5/2), (SW WITH GRAVEL).		1	Sample #1, Depth = 0.5' - 0.8'
					2	Sample #2, Depth = 4.0' - 4.3'
-42.6	7.9		Fine grained quartz sand with abundant fine blackened shell fragments. Gradational contact, gray (10YR-5/1), (SW).		3	Sample #3, Depth = 6.5' - 6.8'
-43.5	8.8		Fine grained quartz sand with abundant fine blackened shell fragments and some gravel-sized shell fragments to 1". Gradational contact, gray (10YR-5/1), (SW WITH GRAVEL).		4	Sample #4, Depth = 8.0' - 8.3'
-45.3	10.6		Fine grained quartz sand with abundant fine grained blackened shell fragments. Some medium grained shell fragments. Gradational contact, gray (2.5Y-5/1), (SW).			
-46.5	11.8		Fine grained quartz sand with abundant fine grained blackened shell fragments and abundant gravel-sized shell fragments to 1". Gradational contact, gray (2.5Y-5/1), (SW WITH GRAVEL).			
			Silty fine grained quartz sand with abundant gravel-sized bivalve shell fragments and whole shells to 1.5". Possibly estuarine, gray (2.5Y-5/1), (GC).			
-54.7	20.0		End of Boring			

FLORIDA DEP ROSS SLC RECON CORES WET SIEVED.GPJ FL DEP ROSS.GDT 11/02/09