

DRILLING LOG		DIVISION		INSTALLATION		Hole No. CB-1R-77	
South Atlantic		Jacksonville District		SHEET 1 OF 1 SHEETS			
1. PROJECT Indian River Co. B.E.C.				10. SIZE AND TYPE OF BIT see remarks			
2. LOCATION (Coordinates or Station) X=709,028 Y=1,219,084				11. DATUM FOR ELEVATION SHOWN (TEN or MLW) MLW			
3. DRILLING AGENCY Corps of Engineers				12. MANUFACTURER'S DESIGNATION OF DRILL Alpine Vibracore			
4. HOLE NO. (As shown on drawing title and file number) CB-1R-77				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		14. TOTAL NUMBER CORE BOXES 2	
5. NAME OF DRILLER G. Reynolds				15. ELEVATION GROUND WATER Tidal		16. DATE HOLE STARTED 10/21/85 COMPLETED 10/21/85	
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.				17. ELEVATION TOP OF HOLE 34.4 MLW		18. TOTAL CORE RECOVERY FOR BORING 19.1'	
7. THICKNESS OF OVERBURDEN				19. SIGNATURE OF INSPECTOR GEOLOGIST Ross			
8. DEPTH DRILLED INTO ROCK				9. TOTAL DEPTH OF HOLE 20.0			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	DOWN-HOLE SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)	
-34.4	0.0					-34.4	CUT
-35.9	1.5		SAND, fine quartz, trace fine to coarse shell fragments, gray (SP)			3 1/2 Inch I.D. Vibracore	
-36.8	2.4		SAND, fine sand to 3/8 inch shell, little fine to medium quartz, trace shell and sandstone fragments to 3 inches gray				
-37.6	3.2		1.5 to 2.4 feet, trace clay (SW)				
-38.7	4.3		2.4 to 3.2 feet, some clay (SW-SC)			-39.3	CUT
			3.2 to 4.3 feet, numerous 2 inch shell, trace clay (SW)				
			4.3 to 8.0 feet, little clay (SW-SC)	100	1 (6.5')		
-42.4	8.0		8.0 to 10.7 feet, some clay, sandstone fragments (SW-SC)			-44.2	CUT
			3.0 to 8.0 feet, light gray				
-45.1	10.7		SAND, medium to fine quartz, little fine to coarse shell gray (SP-SC)		2 (12.0')		
-48.3	13.9		SHELL SAND, medium sand to 3/8 inch shell, trace fine to medium quartz, trace shell fragments to 2 inches, little clay (SW - SC)		3 (14.2')	-49.1	CUT
-49.9	15.5		SAND, fine quartz, fine to 1/2 inch, shell and sandstone fragments, little shell to 4 inches, some clay, gray (SC)				
-51.3	16.9		SHELL SAND, fine sand to 3/8 inch shell, trace fine to medium quartz, little shell to 2 inches, little clay (SW-SC)			-53.5	
-52.6	18.2						
-53.5	19.1						
-54.4	20.0		SAND, clayey, fine to medium quartz, fine to 1/2 inch shell fragments, gray (SC)	0		-54.4	NO RECOVERY
			NOTE: MSL E1 +1.5' (estimated) = MLW E1				Laboratory Classification Sample 1 "SW-SC" Sample 3 "SW-SC"