

DRILLING LOG		DIVISION		INSTALLATION		SHEET 1 OF 1	
1. PROJECT		South Atlantic		Jacksonville District			
Ft. Pierce, FL, Shore Protection Project				10. SIZE AND TYPE OF BIT 2-1/2" Vibracore			
2. LOCATION (Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
X=1125,943 Y=749,443				Mean Low Water, -1.2' NGVD			
3. DRILLING AGENCY				12. MANUFACTURER'S DESIGNATION OF DRILL			
EXMAR				Vibracore			
4. HOLE NO. (As shown on drawing title and file number)		CB-STL-C30		13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN			
				disturbed: 0 undisturbed: 0			
5. NAME OF DRILLER				14. TOTAL NUMBER OF CORE BOXES			
M. Clarke				15. ELEVATION GROUND WATER			
6. DIRECTION OF HOLE				16. DATE HOLE STARTED COMPLETED			
<input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				7/14/95 7/16/95			
7. THICKNESS OF BURDEN 0 Ft.				17. ELEVATION TOP OF HOLE -30.4 Ft.			
8. DEPTH DRILLED INTO ROCK 0 Ft.				18. TOTAL CORE RECOVERY FOR BORING 97 %			
9. TOTAL DEPTH OF HOLE 9.3 Ft.				19. SIGNATURE OF GEOLOGIST			
				G. Zarillo, J. Vann			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-30.4	0					-30.4	0
-31.7	1.3		SAND, poorly graded, medium grained quartz and shell hash, little coarse grained sand and fine shell gravel, brown, (SP) 90% shell		C30-0.6		
			SAND, poorly graded, medium to fine grained quartz and shell hash, brown (SP) 65% shell		C30-3.3		2.5
			Occasional gravel-sized whole shells				
-35.7	5.3			97			5
			SAND, poorly graded, fine grained quartz and shell hash, brown, (SP) 65% shell		C30-7.3		
			Occasional pockets of fine gravel-sized whole shells				7.5
-39.7	9.3						
-40.6	10.2		Lenses of shell gravel with sand and silt at -39.7 ft. to -40.7 ft.				10
			Barrel Penetration to 10.5 ft.				
			NOTE: 1. Soils are field visually classified in accordance with the Unified Soils Classification System.				12.5
							15
							17.5
							20
							22.5

Rapid rate of penetration to 2.0 ft., slower rate to refusal at 7.2 ft.

Jetted to 5.0 ft., vibrated to 10.5 ft. on second attempt

Revised 11/9/95