

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		SHEET 1 OF 1	
1. PROJECT Ft. Pierce, FL, Shore Protection Project				10. SIZE AND TYPE OF BIT 2-1/2" Vibracore			
2. LOCATION (Coordinates or Station) X=1128,639 Y=749,486				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) Mean Low Water, -1.2' NGVD			
3. DRILLING AGENCY EXMAR				12. MANUFACTURER'S DESIGNATION OF DRILL Vibracore			
4. HOLE NO. (As shown on drawing title and file number) CB-STL-C22				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN disturbed: 0 undisturbed: 0			
5. NAME OF DRILLER M. Clarke				14. TOTAL NUMBER OF CORE BOXES			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED				15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN 0 Ft.				16. DATE HOLE STARTED COMPLETED 7/12/95 7/12/95			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -30.2 Ft.			
9. TOTAL DEPTH OF HOLE 6.5 Ft.				18. TOTAL CORE RECOVERY FOR BORING 82 %			
				19. SIGNATURE OF GEOLOGIST G. Zarillo, J. Vann			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-30.2	0		SAND, poorly graded, medium to fine grained quartz and shell hash, trace of shell gravel, brown, (SP)			-30.2	0
			90% shell		C22-18		
			Fine shell gravel and lenses of coarse (whole) shell gravel				2.5
-33.8	3.6		SAND, poorly graded, medium to fine grained quartz and shell hash, gray, (SP)				
			65% shell		C22-50		5
			Occasional small whole shells	82		Rapid rate of penetration to 3.5 ft., slower rate to 6.0 ft., rate increased to 11.0 ft.	
-36.7	6.5		Lense of coarse shell gravel at -35.7 ft.				7.5
			Silty SAND, medium grained quartz and shell hash, gray, (SM)				
-38.8	8.6		50% shell				
-39.6	9.4		Lenses of shell gravel between -37.0 ft. and -37.2 ft., and -38.1 ft. and -39.8 ft.				10
			Clayey GRAVEL, medium grained sand, whole shells, gray, (GC)				
			75% shell				
			Silty GRAVEL, medium grained sand, whole shells, gray, (GM)				
			75% shell			-41.7	12.5
			Barrel Penetration to 11.5 ft.				15
			NOTE: 1. Soils are field visually classified in accordance with the Unified Soils Classification System.				17.5
							20
							22.5

Revised 11/9/95