

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=1122,838 Y=749,944				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-C38				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 7/15/95 8/6/95			
8. DEPTH DRILLED INTO ROCK 0 Ft.				17. ELEVATION TOP OF HOLE -30.6 Ft.			
9. TOTAL DEPTH OF HOLE 10.2 Ft.				18. TOTAL CORE RECOVERY FOR BORING 94 %			
				19. SIGNATURE OF GEOLOGIST G. Zarillo, J. Vann			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS	
-30.6	.0					-30.6	0
			SAND, poorly graded, medium grained quartz and shell hash, some fine grained sand, little fine shell gravel, trace of coarse grained sand, gray-brown, (SP)		C38-12		
-33.0	2.4		90% shell Pocket of coarse shell gravel in sand matrix at -31.6 ft. to -32.1 ft.				2.5
			SAND, poorly graded, medium to fine grained quartz and shell hash, (SP)		C38-4.8		5
			60% shell fragments	94		Rapid rate of penetration to 3.0 ft., slower rate to 8.0 ft.	
			Lens of coarse shell hash at -36.6 ft. to -37.0 ft.		C38-7.2		7.5
			Occasional small whole shell at -36.6 ft. to -40.2 ft.				
-40.2	9.6						
-40.8	10.2		Silty SAND, whole gravel sized shells, (SP-SM)				10
			75% shell			-41.6	
			Barrel Penetration to 11.0 ft.				12.5
			NOTE: 1. Soils are field visually classified in accordance with the Unified Soils Classification System.				15
							17.5
							20
							22.5

Revised 11/9/95