

VIBRACORE LOG							
PROJECT: <u>NORTH BOCA RATON BORROW AREA (1984)</u>				CORE NO: <u>BR-10</u>			
COORDINATES:	DATE: SEPT. 12, 1984	WATER DEPTH: 51.0 Ft. NGVD					
N = 739191	START TIME: 1905	DRILLER: EXMAR (W. BARTH)					
E = 807816	END TIME: 1922	CLIENT REP: R. SPADONI					
CORE DIAMETER: 2.5"	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	
LENGTH OF BARREL: 20.0'	51.0'	0.0					
PENETRATION DEPTH: 18.0'			▲ ▲				
LENGTH RECOVERED: 17.7'			~				
PERCENT RECOVERED: 98 %			~				
LENGTH RETAINED : 17.7'	53.3'	-	~		-25 2.25'	1.98 Phi 0.25 mm 2.7 % SILT (SP) <0.1 % SILT CUT	
SUPPORT VESSEL: SEAWARD EXPLORER			▲ ▲				
POSITIONING: TRISPOUNDER		5.0	~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH		1.90 Phi 0.27 mm 2.5 % SILT (SP) 0.6 % SILT CUT	
WEATHER:	57.6'		~		-26 5.6'		
WIND:			~				
DIR:			~				
SPEED:			~				
WAVES			~				
DIR:	60.7'	10.0	~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	-27 9.7'	1.95 Phi 0.26 mm 2.3 % SILT (SP) 0.4 % SILT CUT	
HEIGHT:			~				
ANALYSIS BY CPE 1994 ANALYSIS BY UF 1984			~				
ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE			~				
SAND			~				
SHELLS	66.6'		~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	-4 15.6'	1.93 Phi 0.26 mm 2.2 % SILT (SP) 0.4 % SILT	
CORAL FRAG.			~				
SHELL HASH	69.0'	18.0	~	BROWN/GRAY, MED. GRAIN SAND WITH SHELL HASH			
		20.0					

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
 NOTE: UF 1984 COMPOSITE 0.28 mm / CPE 1994 COMPOSITE 0.26 mm

**COASTAL PLANNING & ENGINEERING, INC**