

VIBRACORE LOG							
PROJECT: NORTH BOCA RATON BORROW AREA (1984)				CORE NO: BR-6			
COORDINATES:		DATE: SEPT. 12, 1984		WATER DEPTH: 47.0 Ft. NGVD			
N = 743235		START TIME: 0903		DRILLER: EXMAR (W. BARTH)			
E = 808065		END TIME: 0919		CLIENT REP: R. SPADONI			
CORE DIAMETER: 2.5"	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	
LENGTH OF BARREL: 20.0'	47.0'	0.0					
PENETRATION DEPTH: 20.0'				LT. BROWN FINE GRAIN SD			
LENGTH RECOVERED: 17.0'						2.11 Phi	
PERCENT RECOVERED: 85 %						0.23 mm	
LENGTH RETAINED : 17.0'	49.5'				13	4.0 % SILT	
					2.5	(SP)	
SUPPORT VESSEL: SEAWARD EXPLORER						0.7 % SILT	
POSITIONING: TRISPOUNDER						CUT	
		5.0		GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	4.0'	0.2 % SILT	
						2.17 Phi	
WEATHER:	53.0'				14	0.22 mm	
WIND:					6.0'	7.0 % SILT	
DIR:						(SP)	
SPEED:						0.3 % SILT	
WAVES	56.0'				15	CUT	
DIR:						1.76 Phi	
HEIGHT:		10.0		GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	9.0'	0.36 mm	
						1.5 % SILT	
ANALYSIS BY CPE 1994						(SP)	
ANALYSIS BY UF 1984						0.7 % SILT	
ANALYSIS METHOD:	60.0'				16	CUT	
VISUAL LOGGING					13.0'	1.88 Phi	
MECHANICAL SIEVE						0.27 mm	
		15.0		GRAY, MEDIUM GRAIN SAND WITH SHELL HASH		1.6 % SILT	
SAND						(SP)	
SHELLS						0.6 % SILT	
CORAL FRAG.	64.0'	20.0					
SHELL HASH							

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
 NOTE: UF 1984 COMPOSITE 0.29 mm / CPE 1994 COMPOSITE 0.26 mm

COASTAL PLANNING & ENGINEERING, INC