

VIBRACORE LOG							
PROJECT: NORTH BOCA RATON BORROW AREA (1984)				CORE NO: BR-9			
COORDINATES:		DATE: SEPT. 12, 1984		WATER DEPTH: 47.0 FL NGVD			
N = 740109		START TIME: 1600		DRILLER: EXMAR (W. BARTH)			
E = 807712		END TIME: 1617		CLIENT REP: R. SPADONI			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 20.0'		47.0'	0.0				2.19 Phi 0.22 mm 4.7 % SILT
PENETRATION DEPTH: 16.0'							(SP)
LENGTH RECOVERED: 14.5'		48.7'				-21	<0.1 % SILT
PERCENT RECOVERED: 91 %						1.7	1.89 Phi 0.27 mm
LENGTH RETAINED : 14.5'							2.2 % SILT (SP)
SUPPORT VESSEL: SEAWARD EXPLORER		51.5'				22	CUT
POSITIONING: TRISPOUNDER			5.0		GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	4.5'	<0.1 % SILT CUT @ 4.5'
WEATHER:		53.5'				23	2.02 Phi 0.25 mm
WIND:						6.5'	2.0 % SILT (SP)
DIR:							<0.1 % SILT
SPEED:							CUT
WAVES							
DIR:			10.0		GRAY, MEDIUM GRAIN SAND WITH SHELL HASH		
HEIGHT:							
ANALYSIS BY CPE 1994		59.5'				24	1.73 Phi 0.30 mm
ANALYSIS BY UF 1984						12.5'	4.8 % SILT (SP)
ANALYSIS METHOD:							0.4 % SILT
VISUAL LOGGING					BROWN/GRAY, FINE GRAIN SAND WITH SHELL HASH		
MECHANICAL SIEVE			15.0				
SAND		63.0'	16.0				
SHELLS							
CORAL FRAG.							
SHELL HASH							
			20.0				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
NOTE: UF 1984 COMPOSITE 0.31 mm / CPE 1994 COMPOSITE 0.26 mm

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