

VIBRACORE LOG							
PROJECT: NORTH BOCA RATON BORROW AREA (1984)				CORE NO: BR-5			
COORDINATES:		DATE: SEPT. 11, 1984		WATER DEPTH: 43.0 Ft. NGVD			
N = 744302		START TIME: 1944		DRILLER: EXMAR (W. BARTH)			
E = 808035		END TIME: 1958		CLIENT REP: R. SPADONI			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 20.0'		43.0'	0.0				
PENETRATION DEPTH: 18.0'				DREDGED			
LENGTH RECOVERED: 17.6'				1988	2.4 FT		2.04 Phi
PERCENT RECOVERED: 98 %				A A		9	0.24 mm
LENGTH RETAINED : 17.6'		46.0'		~		3.0	2.3 % SILT
SUPPORT VESSEL: SEAWARD EXPLORER				A A			(SP)
POSITIONING: TRISPOUNDER			5.0	~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	5.5'	0.3 % SILT
WEATHER:				~			CUT
WIND:				~			
DIR:				A A		10	CUT
SPEED:				~		7.5	2.08 Phi
WAVES				~			0.24 mm
DIR:			10.0	~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH		4.5 % SILT
HEIGHT:				~			(SP)
ANALYSIS BY CPE 1994				~		11	2.08 Phi
ANALYSIS BY UF 1984				~		10.9'	0.24 mm
ANALYSIS METHOD:				~			3.9 % SILT
VISUAL LOGGING				~			(SP)
MECHANICAL SIEVE				~			0.5 % SILT
SAND			15.0	~	GRAY, MEDIUM GRAIN SAND WITH SHELL HASH	12	CUT
SHELLS				~		15.5'	1.87 Phi
CORAL FRAG.				~			0.27 mm
SHELL HASH			18.0	~			2.9 % SILT
				~			(SP)
				~			0.5 % SILT
			20.0	~			

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
 NOTE: UF 1984 COMPOSITE 0.32 mm / CPE 1994 COMPOSITE 0.25 mm

**COASTAL PLANNING & ENGINEERING, INC**