

VIBRACORE LOG							
PROJECT: <u>NORTH BOCA RATON BORROW AREA (1994)</u>				CORE NO: <u>NBR - 10</u>			
COORDINATES:		DATE: SEPT. 24, 1994		WATER DEPTH: 55.0 FL NGVD			
N = 741775		START TIME: 1603		DRILLER: EXMAR			
E = 807918		END TIME: 1634		CLIENT REP : M. ANDREWS			
CORE DIAMETER: 3.0" LENGTH OF BARREL: 20.0' PENETRATION DEPTH: 19.0' LENGTH RECOVERED: 17.2' PERCENT RECOVERED: 80 % LENGTH RETAINED : 17.2'	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	
	55.0'	0.0					
	56.0'		---	GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAREOUS SHELL HASH	1 1.0'	2.25 Phi 0.21 mm 1.2 % SILT (SP)	
SUPPORT VESSEL: SEAWARD EXPLORER	58.0'		---		2 4.0'	CUT	
POSITIONING: DGPS MOTOROLA LGT 1000 / OMNISTAR DGPS		5.0	/ / /	BROWN, SILTY LAYERS		1.39 Phi 0.27 mm 1.5 % SILT (SP)	
WEATHER:							
WIND: DIR: SOUTH SPEED: 10-15 Kt	63.0'		A A	GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAREOUS SHELL HASH	3 8.0'	CUT	
WAVES: DIR: SOUTH HEIGHT: 2-4 FL		10.0	---			1.55 Phi 0.34 mm 2.1 % SILT (SP)	
CURRENT: DIR: SOUTH SPEED: STRONG			A A	GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAREOUS SHELL HASH		CUT	
ANALYSIS BY: MDA							
ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE		15.0	A A	GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAREOUS SHELL HASH			
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> SAND </div> <div style="text-align: center;"> SHELLS </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> CORAL FRAG. </div> <div style="text-align: center;"> SHELL HASH </div> </div> <div style="text-align: center;"> ROCK </div>	74.0'	19.0'	---				
		20.0					

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD
 NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927
 NOTE : CORE WEIGHTED COMPOSITE 0.30 mm

COASTAL PLANNING & ENGINEERING, INC