

VIBRACORE LOG						
PROJECT: <u>NORTH BOCA RATON BORROW AREA (1994)</u>				CORE NO: <u>NBR - 2</u>		
COORDINATES: N = 744108 E = 808326	DATE: SEPT. 18, 1994 START TIME: 1604 END TIME: 1643	WATER DEPTH: 53.7 Ft. NGVD DRILLER: EXMAR CLIENT REP : M. ANDREWS				
CORE DIAMETER: 3.0"	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 20.0'	53.7'	0.0				
PENETRATION DEPTH: 17.0'			~			
LENGTH RECOVERED: 14.4'			~			
PERCENT RECOVERED: 85 %			~			
LENGTH RETAINED : 14.3'			~			
SUPPORT VESSEL: SEAWARD EXPLORER		57.7'			1	2.33 Phi 0.20 mm 1.5 % SILT (SP) CUT
POSITIONING: DGPS MOTOROLA LGT 1000 / OMNISTAR DGPS		5.0		GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAROUS SHELL HASH	4.0'	
WEATHER:						
WIND:						
DIR : SE						
SPEED : 10 -15 Kt		61.7'			2	2.16 Phi 0.22 mm 1.6 % SILT (SP) CUT
WAVES:						
DIR : SE						
HEIGHT: 1 - 3 Ft.		10.0		GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAROUS SHELL HASH	8.0'	
CURRENT:						
DIR : SOUTH						
SPEED : LIGHT						
ANALYSIS BY : MDA						
ANALYSIS METHOD:						
VISUAL LOGGING						
MECHANICAL SIEVE		15.0		GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAROUS SHELL HASH		
SAND	SHELLS					
		70.8'				
CORAL FRAG.	SHELL HASH	17.0				
ROCK		20.0				

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD
 NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927
 NOTE : CORE WEIGHTED COMPOSITE 0.21 mm

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