

# VIBRACORE LOG

PROJECT: NORTH BOCA RATON BORROW AREA (1994) CORE NO: NBR - 2A

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COORDINATES: DATE: SEPT. 18, 1994 WATER DEPTH: 52.8 FL NGVD  
N = 744055 START TIME: 1210

N = 744055	START TIME: 1716	DRILLER: EXMAR
E = 808300	END TIME: 1805	

DRILLER: EXMAR

E = 808303	END TIME: 1722	CLIENT REP : M. ANDREWS
CORE DIAMETER:	3.25	FLYK CORP

CLIENT REP : M. ANDREWS

CORE DIAMETER:	3.0"	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
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LENGTH OF BARREL:	20.0'									
	52.8'	0.0								

PENETRATION DEPTH: 20.0'	32.8	0.0			
JETTED TO: 12.0'					

JETTED TO: 12.0'  
LENGTH RECOVERED: 9.0'  
PERCENT RECOVERED: 75.0%

LENGTH RECOVERED: 9.0'  
PERCENT RECOVERED: 93 %  
LENGTH RETAINED: 0.7'

PERCENT RECOVERED: 93 %  
LENGTH RETAINED : 6.5'

LENGTH RETAINED : 6.5'

SUPPORT VESSEL: SEAWARD EXPLORER	JETTED
POSITIONING: DGPS	TO
MOTOROLA LGT 1000 / OMNISTAR DGPS	5.0

POSITIONING: DGPS MOTOROLA LGT 1000 / OMNISTAR DGPS	5.0	TO 12 FT.
WEATHER:		

MOTOROLA LGT 1000 / OMNISTAR DGPS	5.0	12 FT.
WEATHER:		SEE
WIND:		

WEATHER:	12 Ft.
WIND:	SEE
DIR: SE	NBR-2

WIND: SEE  
DIR: SE NBR-2  
SPEED: 10-15 Kt

DIR: SE  
SPEED: 10-15 Kt

WAVES:

SPEED : 10-15 Kt

WAVES :

DIR : SSE


WAVES:  
DIR: SSE  
HEIGHT: 1-3 Ft.

DIR: SSE		
HEIGHT: 1-3 Ft.	10.0	
CURRENT:		JETTED
DIR: NORTH		

HEIGHT: 1-3 Ft.	10.0	
CURRENT:		JETTED MATERIAL
DIR: NORTH		
SPEED: LIGHT		

CURRENT:  
DIR: NORTH  
SPEED: LIGHT



DIR : NORTH		DATA READ	
SPEED : LIGHT		MATERIAL	
ANALYSIS BY : MDA			




ANALYSIS BY : MDA		CUT
ANALYSIS METHOD: VISUAL LOGGING		

ANALYSIS METHOD:				CUT	
VISUAL LOGGING					
MECHANICAL SIEVE		15.0	GRAY, MEDIUM QUARTZOSE		

VISUAL LOGGING MECHANICAL SIEVE		CUT	
SAND	SHELLS	15.0	2.21 Fhl
68.8%		GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAREOUS SHELL MUCK	

MECHANICAL SIEVE		15.0		GRAY, MEDIUM QUARTZOSE	
SAND	SHELLS	68.8		SAND WITH GRAY & BLACK	2.21 Phi
				CALCAROUS SHELL HASH	0.22 mm

		68.8"	75.0"	GRAY, MEDIUM QUARTZOSE SAND WITH GRAY & BLACK CALCAROUS SHELL HASH	3 16.0'	2.21 Phi 0.22 mm 1.6 % SILTY
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		68.8'		3 16.0'	2.21 Fhl 0.22 mm 1.6% SILTY (SP)
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SAND	SHELLS	68.8'	SAND WITH GRAY & BLACK CALCAROUS SHELL HASH	3 16.0'	2.21 Phi 0.22 mm 1.6 % SILT (SP)
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CORAL FRAG. SHELL HASH

ROCK		74.0'		20.0					
X	X								
	X								

NOTE: MEAN WAS CALCULATED USING ONLY THE

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

NOTE: CORE WEIGHTED COMPOSITE 0.21 mm

**COASTAL PLANNING & ENGINEERING, INC**