

# VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID2

CORE NO: LBVC - 60

COORDINATES:

DATE: AUG. 22, 1995

WATER DEPTH: 21.4 Ft. NGVD

N = 1108463

START TIME: 1538

DRILLER: EXMAR

E = 290426

END TIME: 1541

CLIENT REP : M. D. ANDREWS

CORE DIAMETER:	2.5"	ELEV. (NGVD)	SAND DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL:	12.0'	-21.4'	0.0				
PENETRATION DEPTH:	9.6'	-21.7'	0.6		GRAY (5Y 6/1), FINE GRAINED SAND	1 0.3'	2.94 Phi 0.13 mm 8.7 % SILT (SP - SM)
LENGTH RECOVERED:	8.3'			Λ			
PERCENT RECOVERED:	87 %			I	GRAY (5Y 6/1), FINE GRAINED SAND W/ SILT AND SHELL		
LENGTH RETAINED :	8.2'						
BIT SAMPLE CONTAINED ROCK FRAG.							
SUPPORT VESSEL: EXMAR II							
POSITIONING: DGPS							
TRIMBLE GPS SYSTEM 4000SE LSII							
TRIMBLE PRO BEACON USCG RECEIVER							
WEATHER:							
WIND:							
DIR: NE							
SPEED: 0 - 5 Kt.							
WAVES:							
DIR: VAR.							
HEIGHT: 0 - 1 Ft.							
CURRENT:							
DIR: NORHT							
SPEED: 0 - 1 Kt.							
ANALYSIS BY: MDA							
ANALYSIS METHOD:							
VISUAL LOGGING							
MECHANICAL SIEVE							
<div> <div>SAND</div> <div>SHELLS FRAG.</div> <div>ROCK FRAG.</div> <div>SHELL HASH</div> <div>ROCK</div> <div>SILT/CLAY</div> </div>							
		-24.3'	2.5	I		2 2.9'	2.20 Phi 0.22 mm 13.0 % SILT (SS)
		-26.6'	5.0	I	GRAY (5Y 6/1), FINE GRAINED SAND W/ SILT AND SHELL	3 5.2'	2.19 Phi 0.22 mm 18.5 % SILT (SS)
				Λ			
				@	ROCK FRAGMENTS		
			6.9	I @ I @	ROCK FRAGMENTS		
			7.5	I I I I	GRAY (5Y 5/1), CLAYEY SILT		
		-30.0'		I I I I		4 8.6'	3.30 Phi 0.07 mm 93.8 % SILT (SS)
		-31.0'	9.6	I I I I	GRAY (5Y 5/1), CLAYEY SILT		
			10.0	X X X X X X	ROCK		

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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