VIBRACORE LOG

PROJECT: LONGBOAT KEY BORR0W AREA LBK - MID2 CORE NO: LBVC - 6

COORDINATES:	DATE: AUG. 18, 1995	WATER DEPTH: 22.8 Ft. NGVD
N = 1108668	START TIME: 1104	DRILLER: EXMAR
E = 289437	END TIME: 1107	CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 8.5'

LENGTH RECOVERED: 8.0'

PERCENT RECOVERED: 94 %

LENGTH RETAINED : 7.9'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER :

WIND :
DIR : VAR
SPEED : 0 - 5 Kt

WAVES :
DIR : VAR
HEIGHT: 0 - 1 Ft.

CURRENT :
DIR : NORTH
SPEED : 0 - 1 Kt.

ANALYSIS BY : MDA

ANALYSIS METHOD:
VISUAL LOGGING
MECHANICAL SIEVE

SAND | SHELLS FRAG. | ROCK FRAG. | SHELL HASH | ROCK | SILT

ELEV. (NGVD)	SAND DEPTH	DESCRIPTION	SAMP NO.	REMARKS
-22.8'	0.0			
		GRAY (5Y 5/1), FINE GRAINED SAND		
		SHELL FRAGMENT LAYER		
-24.9'		SHELL FRAGMENT LAYER	1 2.1'	2.44 Phi 0.18 mm 15.1 % SILT (SS)
	2.5	GRAY (5Y 5/1), FINE GRAINED SAND		
	4.3			
	5.0	GRAY (5Y 5/1), FINE GRAINED SAND WITH SHELL HASH AND SHELL FRAGMENTS	2 5.5'	1.97 Phi 0.25 mm 18.0 % SILT (SS)
-28.3'	6.7			
	7.5	GRAY (5Y 5/1), FINE TO MED. GRAINED SAND W/ SHELL & ROCK FRAGMENTS AND SILT	3 8.0'	0.86 Phi 0.55 mm 19.4 % SILT (SS)
-30.8'				
-31.3'	8.5	ROCK		
	10.0			

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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