VIBRACORE LOG

PROJECT: LONGBOAT KEY BORR0W AREA LBK - 6B CORE NO: LBVC - 26

COORDINATES:	DATE: AUG 20 1995	WATER DEPTH: 36.5 Ft. NGVD
N = 1117415	START TIME: 1328	DRILLER: EXMAR
E = 245010	END TIME: 1336	CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 9.8'

LENGTH RECOVERED: 5.7'

PERCENT RECOVERED: 58 %

LENGTH RETAINED : 5.7'

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER :

WIND :
DIR : NW
SPEED : 5 - 10 Kt

WAVES :
DIR : NW
HEIGHT 0 - 1 Ft

CURRENT :
DIR : NORTH
SPEED : 1- 2 Kt

ANALYSIS BY : MDA

ANALYSIS METHOD:
VISUAL LOGGING
MECHANICAL SIEVE

SAND SHELLS FRAG. ROCK FRAG. SHELL HASH ROCK SILT

ELEV.	DEPTH	DESCRIPTION	SAMP NO.	REMARKS
36.5'	0.0			
		DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS		
38.0'			1 1.5'	0.94 Phi 0.52 mm 3.4 % SILT (SP)
	2.5			
		DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS		
40.7'			2 4.2'	1.10 Phi 0.47 mm 4.7 % SILT (SP)
	4.5			
	5.0	GRAY (5Y 6/1), FINE TO MED. GRAINED SAND WITH SILT		
41.7'	5.2		3 5.2'	2.20 Phi 0.22 mm 6.7 % SILT (SP - SM)
		LIGHT GRAY (5Y 7/1), SILT WITH SHELL AND ROCK FRAGMENTS		
	7.5			
		LIGHT GRAY (5Y 7/1), SILT WITH SHELL AND ROCK FRAGMENTS		
46.3'	9.8			
	10.0	ROCK		

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

COASTAL PLANNING & ENGINEERING, INC