

# VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 6A

CORE NO: LBVC - 17

COORDINATES: DATE: AUG 20 1995

WATER DEPTH: 33.0 Ft. NGVD

N = 1102774

START TIME: 1518

DRILLER: EXMAR

E = 246300

END TIME: 1523

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 8.2'

LENGTH RECOVERED: 7.7'

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 : NW

SPEED : 5-10 Kt

WAVES :

DIR : NW

HEIGHT 0 - 1 Ft

CURRENT :

DIR : NORTH

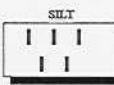
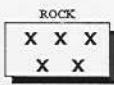
SPEED : 1-2 Kt

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
33.0'	0.0				
35.0'	2.5	~ ~ ~ ~ ~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	1 2.0'	0.86 Phi 0.55 mm 1.6 % SILT (SP)
38.0'	5.0	^ ^	GRAY (5Y 6/1), FINE TO MED. GRAINED SAND WITH SILT SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS	2 5.0'	0.62 Phi 0.65 mm 3.3 % SILT (SP)
40.0'	7.5		GRAY (5Y 6/1), FINE GRAINED SAND WITH SILT	3 7.0'	2.61 Phi 0.16 mm 13.9 % SILT (SS)
41.2'	8.2	X X X X X	ROCK		
	10.0				

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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