

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5B

CORE NO: LBVC - 44

COORDINATES:

DATE: AUG 19 1995

WATER DEPTH: 34.0 Ft. NGVD

N = 1109004

START TIME: 1650

DRILLER: EXMAR

E = 244516

END TIME: 1700

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 9.6'

LENGTH RECOVERED: 7.4'

PERCENT RECOVERED: 77 %

LENGTH RETAINED : 7.3'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: NORTH

SPEED: 5 - 10 Kt

WAVES:

DIR: NORTH

HEIGHT 1 - 2 Ft

CURRENT:

DIR: NORTH

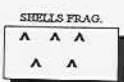
SPEED: 1 - 2 Kt

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



ELEV. (NGVD)	SAND DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
-34.0'	0.0				
-35.3'	1.3		GRAY (SY 6/1), FINE GRAINED SAND	1	2.84 Phi 0.14 mm 3.5 % SILT (SP)
	2.5		LIGHT GRAY (SY 7/1), FINE GRAINED SAND		
-38.5'	5.0		LIGHT GRAY (SY 7/1), FINE GRAINED SAND	2	2.95 Phi 0.13 mm 10.0 % SILT (SP - SM)
	7.5				
-43.0'	9.6		LIGHT GRAY (SY 7/1), FINE GRAINED SAND	3	3.01 Phi 0.12 mm 13.3 % SILT (SS)
-43.6'	10.0	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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