

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 6A

CORE NO: LBVC - 21

COORDINATES: DATE: AUG 20 1995

N = 1123392 START TIME: 1631

E = 245554 END TIME: 1636

WATER DEPTH: 33.0 Ft. NGVD

DRILLER: EXMAR

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 7.1'

LENGTH RECOVERED: 6.0'

PERCENT RECOVERED: 85 %

LENGTH RETAINED : 6.0'

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				
34.5'	2.2	~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	1	.86 Phi
	2.5	~		1.5'	0.55 mm
		~			2.5 % SILT (SP)
36.5'	4.6	~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS	2	0.55 Phi
	5.0	~		3.5'	0.68 mm
		~			4.3 % SILT (SP)
38.3'	5.5	~	GRAY (5Y 5/1), FINE TO MED. GRAINED SAND WITH SHELL HASH	3	1.24 Phi
	6.0	~		5.3'	0.42 mm
		~			21.3 % SILT (SS)
40.1'	7.1	~	LIGHT GRAY (5Y 6/1), FINE GRAINED SAND WITH SILT ROCK FRAGMENTS		
	7.5	X X X	ROCK		
		X X			
	10.0				

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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