

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 6A

CORE NO: LBVC - 19

COORDINATES: DATE: AUG 20 1995

WATER DEPTH: 34.0 Ft. NGVD

N = 1123164

START TIME: 1608

DRILLER: EXMAR

E = 246388

END TIME: 1613

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 7.4'

LENGTH RECOVERED: 7.4'

PERCENT RECOVERED: 100 %

LENGTH RETAINED : 7.4'

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
34.0'	0.0				
35.0'	1.0	~	DARK GRAY (SY 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	1	0.39 Phi 0.76 mm 2.2 % SILT (SP)
	2.0	~			
	2.5	~			
37.0'	3.0	~	DARK GRAY (SY 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS	2	0.32 Phi 0.56 mm 3.5 % SILT (SW - SM)
	4.0	~			
39.0'	5.0	~	GRAY (SY 6/1), FINE TO MED. GRAINED SAND W/ SILT AND SHELL HASH	3	1.17 Phi 0.44 mm 16.0 % SILT (SS)
	5.6	~			
	6.0	~			
	6.4	~			
	6.8	~			
	7.2	~			
41.4'	7.5	~	LIGHT GRAY (SY 8/1), FINE TO MED. GRAINED SAND W/ SILT AND ROCK FRAGMENTS		
	8.0	~			
	8.4	~			
	8.8	~			
	9.2	~			
	9.6	~			
	10.0	~			
	10.4	~			
	10.8	~			
	11.2	~			
	11.6	~			
	12.0	~			

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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