

## VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 53

COORDINATES:

DATE: AUG 19 1995

WATER DEPTH: 31.2 Ft. NGVD

N = 1111552

START TIME: 1229

DRILLER: EXMAR

E = 238995

END TIME: 1238

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 10.5'

LENGTH RECOVERED: 10.2'

PERCENT RECOVERED: 97 %

LENGTH RETAINED : 10.2'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: VAR

SPEED: 0 - 5 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

-31.2'

0.0

-33.2'

2.5

-37.2'

5.0

-41.1'

10.0

-41.7'

10.5

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DARK GRAY (5Y 4/1), FINE TO  
MED. GRAINED SAND WITH  
SHELL HASH & ROCK GRAINS

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ROCK

1

2.0'

2

6.0'

3

9.9'

1.12 Phi  
0.46 mm  
2.1 % SILT  
(SP)

1.88 Phi  
0.27 mm  
2.7 % SILT  
(SP)

1.46 Phi  
0.36 mm  
3.5 % SILT  
(SP)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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