

# VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 7

CORE NO: LBVC - 38

COORDINATES: DATE: AUG 21 1995

WATER DEPTH: 35.0 Ft. NGVD

N = 1123025

START TIME: 1512

DRILLER: EXMAR

E = 235135

END TIME: 1519

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.

DEPTH

LEGEND

DESCRIPTION

SAMP  
NO.

REMARKS

LENGTH OF BARREL: 12.0'

35.0'

0.0

PENETRATION DEPTH: 9.0'

LENGTH RECOVERED: 9.0'

PERCENT RECOVERED: 100 %

LENGTH RETAINED : 9.0'

LIGHT GRAY (5Y 7/1), FINE  
GRAINED SAND

SUPPORT VESSEL: EXMAR II

37.0'

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: SE

SPEED: 0-5 Kt

WAVES:

DIR: SE

HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH

SPEED: 0-1 Kt

LIGHT GRAY (5Y 7/1), FINE  
GRAINED SAND

40.5'

5.0

1  
2.0'

2.74 Phi  
0.15 mm  
4.0 % SILT  
(SP)

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



LIGHT GRAY (5Y 7/1), FINE  
GRAINED SAND

7.5

8.2

GRAY (5Y 6/1), FINE TO MED.

GRAINED SAND W/ SILT

ROCK FRAGMENTS

ROCK

43.7'

9.0

3  
8.7'

1.63 Phi  
0.32 mm  
14.6 % SILT  
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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