

# VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 47

COORDINATES:

DATE: AUG 19 1995

WATER DEPTH: 34.0 Ft. NGVD

N = 1109964

START TIME: 1616

DRILLER: EXMAR

E = 243021

END TIME: 1626

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.  
(NGVD)

SAND  
DEPTH

LEGEND

DESCRIPTION

SAMP  
NO.

REMARKS

LENGTH OF BARREL: 12.0'

-34.0'

0.0

PENETRATION DEPTH: 9.8'

LENGTH RECOVERED: 7.8'

PERCENT RECOVERED: 80 %

LENGTH RETAINED : 7.8'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

-35.9'

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSI

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: NW

SPEED: 0 - 5 Kt

WAVES:

DIR: NW

HEIGHT 1 - 2 Ft

CURRENT:

DIR: NORTH

SPEED: 1 - 2 Kt

-39.6'

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE

7.5

~

DARK GRAY (SY 4/1), FINE TO

MED. GRAINED SAND WITH

SHELL HASH & ROCK GRAINS

9.1

~

DARK GRAY (SY 4/1), FINE TO

MED. GRAINED SAND WITH

SHELL HASH & ROCK GRAINS

-43.5'

9.8

~

LIGHT GRAY (SY 7/1), FINE

GRAINED SAND WITH ROCK

FRAGMENT

-43.8'

10.0

X X X

X X

ROCK

3

9.5'

2.24 Phi

0.21 mm

12.8 % SILT

(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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