

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5B

CORE NO: LBVC - 46

COORDINATES:

DATE: AUG 20 1995

WATER DEPTH: 32.0 Ft. NGVD

N = 1110770

START TIME: 1020

DRILLER: EXMAR

E = 245530

END TIME: 1029

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 11.5'

LENGTH RECOVERED: 11.5'

PERCENT RECOVERED: 100 %

LENGTH RETAINED : 11.5'

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

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

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-32.0'

0.0

-34.0'

2.5

-37.0'

5.0

-40.0'

7.5

-42.0'

10.0

-43.2'

-43.5'

11.5

GRAY (SY 6/1), FINE GRAINED
SAND

LIGHT GRAY (SY 7/1), FINE
GRAINED SAND

LIGHT GRAY (SY 7/1), FINE
GRAINED SAND

LIGHT GRAY (SY 7/1), FINE
GRAINED SAND

1

2.0'

2

5.0'

3

11.2'

2.77 Phi
0.15 mm
2.7 % SILT
(SP)

2.79 Phi
0.14 mm
3.8 % SILT
(SP)

2.99 Phi
0.13 mm
10.4 % SILT
(SP - SM)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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