

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA_LBK-7B

CORE NO: LBVC-32

COORDINATES: DATE: AUG 21 1995

WATER DEPTH: 36.0 Ft. NGVD

N = 1126412 START TIME: 1308

DRILLER: EXMAR

E = 236381 END TIME: 1317

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.

DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

LENGTH OF BARREL: 12.0'

36.0'

0.0

PENETRATION DEPTH: 11.5'

LENGTH RECOVERED: 11.0'

PERCENT RECOVERED: 96 %

LENGTH RETAINED : 11.0'

SUPPORT VESSEL: EXMAR II

38.0'

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

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



2.5

3.8

41.0'

5.0

6.6

7.5

8.3

10.0

47.5'

11.5

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

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

GRAY (5Y 6/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH

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

WHITE (5Y 8/1), SILT WITH
ROCK FRAGMENTS

1
2.0'

2
5.0'

3
8.0'

2.64 Phi
0.15 mm
4.8 % SILT
(SP)

2.35 Phi
0.20 mm
6.1 % SILT
(SP - SM)

1.06 Phi
0.48 mm
6.0 % SILT
(SP - SM)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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