

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID2

CORE NO: LBVC - 5

COORDINATES:

DATE: AUG. 18, 1995

WATER DEPTH: 22.0 Ft. NGVD

N = 1107673

START TIME: 1408

DRILLER: EXMAR

E = 291014

END TIME: 1412

CLIENT REP: M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 8.9'

LENGTH RECOVERED: 8.9'

PERCENT RECOVERED: 100%

LENGTH RETAINED: 8.9'

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: VAR
HEIGHT: 0 - 1 Ft.

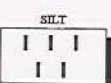
CURRENT:

DIR: NORTH
SPEED: 0 - 1 Kt.

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING
MECHANICAL SIEVE



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-22.0'

0.0

-22.6'

0.6

-23.7'

2.5

-27.5'

5.0

-30.7'

7.5

-30.9'

8.2

8.9

10.0

LIGHT GRAY (5Y 7/1), FINE
GRAINED SD W/ SHELL HASH

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

GRAY (5Y 6/1), FINE
GRAINED SAND WITH SHELL
FRAGMENTS

GRAY (5Y 6/1), FINE
GRAINED SAND WITH SHELL
FRAGMENTS

GRAY (5Y 6/1), FINE TO MED.
GRAINED SAND WITH SILT &
ROCK FRAGMENTS

ROCK

1
0.6'

2
1.7'

3
5.5'

4
8.7'

1.97 Phi
0.26 mm
7.0 % SILT
(SP - SM)

2.10 Phi
0.23 mm
11.4 % SILT
(SP - SM)

2.09 Phi
0.23 mm
13.0 % SILT
(SS)

1.11 Phi
0.46 mm
31.0 % SILT
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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