

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID2

CORE NO: LBVC - 61

COORDINATES: DATE: AUG. 22, 1995

WATER DEPTH: 21.9 Ft. NGVD

N = 1109625

START TIME: 1613

DRILLER: EXMAR

E = 289708

END TIME: 1618

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 8.3'

LENGTH RECOVERED: 8.3'

PERCENT RECOVERED: 100%

LENGTH RETAINED : 8.3'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: NE
SPEED: 0-5 Kt.

WAVES:

DIR: VAR.
HEIGHT: 0-1 Ft.

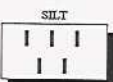
CURRENT:

DIR: NORHT
SPEED: 0-1 Kt.

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING
MECHANICAL SIEVE



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-21.9'

0.0

-22.2'

0.7

-23.5'

2.3

-25.4'

2.5

-27.7'

5.0

-29.9'

7.5

-30.2'

8.3

10.0

GRAY (SY 5/1), FINE GRAINED
SAND WITH SILT

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

GRAY (SY 5/1), FINE GRAINED
SAND WITH SILT

SHELL HASH LAYERS

GRAY (SY 5/1), FINE GRAINED
SAND WITH SHELL HASH

SHELL FRAGMENT LAYER
SHELL HASH LAYER

GRAY (SY 5/1), CLAYEY SILT
WITH ROCK FRAGMENT

ROCK

1
0.3'

2
1.6'

3
3.5'

4
5.8'

5
8.0'

2.82 Phi
0.14 mm
21.4 % SILT
(SS)

2.92 Phi
0.13 mm
10.1 % SILT
(SP - SM)

2.89 Phi
0.14 mm
23.4 % SILT
(SS)

2.20 Phi
0.22 mm
11.2 % SILT
(SP - SM)

3.75 Phi
0.07 mm
91.9 % SILT
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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