

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID2

CORE NO: LBVC - 58

COORDINATES:

DATE: AUG. 22, 1995

WATER DEPTH: 24.2 Ft. NGVD

N = 1106737

START TIME: 1329

DRILLER: EXMAR

E = 290615

END TIME: 1333

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 7.8'

LENGTH RECOVERED: 6.5'

PERCENT RECOVERED: 83 %

LENGTH RETAINED : 6.5'

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



-24.2'

0.0

-24.8'

1.3

-27.1'

2.5

-29.5'

5.0

-31.4'

7.1

-32.0'

7.5

7.8

10.0

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

GRAY (5Y 6/1), FINE GRAINED
SAND WITH SHELLS FRAG.

GRAY (5Y 6/1), FINE GRAINED
SAND WITH SHELLS FRAG.

GRAY (5Y 5/1), SILTY SAND
WITH ROCK FRAGMENTS

ROCK

1

0.6'

2

2.9'

3

5.3'

4

7.2'

1.07 Phi
0.48 mm
10.9 % SILT
(SP - SM)

2.41 Phi
0.19 mm
17.2 % SILT
(SS)

2.49 Phi
0.18 mm
18.9 % SILT
(SS)

2.20 Phi
0.22 mm
63.9 % SILT
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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