

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID1

CORE NO: LBVC - 3

COORDINATES:

DATE: AUG. 18, 1995

WATER DEPTH: 20.2 Ft. NGVD

N = 1101567

START TIME: 1224

DRILLER: EXMAR

E = 293273

END TIME: 1228

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.

(NGVD)

SAND

DEPTH

LEGEND

DESCRIPTION

SAMP

NO.

REMARKS

LENGTH OF BARREL: 12.0'

-20.2'

0.0

PENETRATION DEPTH: 9.6'

-21.7'

2.5

LENGTH RECOVERED: 9.6'

PERCENT RECOVERED: 100 %

LENGTH RETAINED : 9.6'

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

-24.2'

WAVES:

DIR : VAR

HEIGHT: 0 - 1 Ft.

5.0

CURRENT:

DIR : NORTH

SPEED : 0 - 1 Kt.

5.6

ANALYSIS BY : MDA

-27.2'

ANALYSIS METHOD:

VISUAL LOGGING

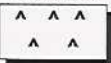
MECHANICAL SIEVE

7.5

SAND



SHELLS FRAG.



ROCK FRAG.



SHELL HASH



ROCK



SILT



8.3

8.8

-29.3'

-29.8'

9.6

10.0

ROCK FRAGMENT (7.5 cm)

GRAY (5Y 6/1), FINE GRAINED

SAND WITH SHELL HASH AND

SHELL FRAGMENTS

WHITE (5Y 8/1), FINE

GRAINED SAND

DARK GRAY (5Y 4/1), FINE

TO MED GRAINED SAND W/

SHELL HASH, SHELL FRAG.

AND SILT

WHITE (5Y 8/1), FINE

GRAINED SAND W/ SHELL FRAGMENTS

GRAY (5Y 6/1), FINE GRAINED

SAND WITH SHELL FRAG.

AND SILT

ROCK

1

1.5'

2

4.0'

3

7.0'

4

9.1'

2.60 Phi
0.16 mm
1.9 % SILT
(SP)

2.32 Phi
0.20 mm
7.9 % SILT
(SP - SM)

1.63 Phi
0.32 mm
12.1 % SILT
(SS)

1.94 Phi
0.26 mm
11.7 % SILT
(SP - SM)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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