

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5B

CORE NO: LBVC - 43

COORDINATES:

DATE: AUG 20 1995

WATER DEPTH: 36.5 Ft. NGVD

N = 1107997

START TIME: 1055

DRILLER: EXMAR

E = 244725

END TIME: 1100

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 6.8'

LENGTH RECOVERED: 6.5'

PERCENT RECOVERED: 96 %

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: NW

SPEED: 0-5 Kt

WAVES:

DIR: NW

HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH

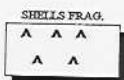
SPEED: 1-2 Kt

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-36.5'

0.0

-37.5'

1.5

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

1

1.0'

2.94 Phi
0.13 mm
5.1 % SILT
(SP - SM)

-40.5'

2.5

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

2

4.0'

3.05 Phi
0.12 mm
12.7 % SILT
(SS)

-42.9'

5.0

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

3

6.4'

3.06 Phi
0.12 mm
15.9 % SILT
(SS)

-42.9'

-43.3'

6.8

X X X
X X

ROCK

7.5

10.0

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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