

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - MID1

CORE NO: LBVC - 2

COORDINATES:

DATE: AUG. 18, 1995

WATER DEPTH: 23.8 Ft. NGVD

N = 1100035

START TIME: 1258

DRILLER: EXMAR

E = 293815

END TIME: 1301

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: 6.3'

LENGTH RECOVERED: 5.5'

PERCENT RECOVERED: 87%

LENGTH RETAINED : 5.5'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: 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

SAND



SHELLS FRAG.



ROCK FRAG.



SHELL HASH



ROCK



SILT



-23.8'

0.0

-26.1'

2.5

4.0

5.0

-29.7'

-30.1'

6.3

7.5

10.0

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

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

GRAY (5Y 6/1), FINE
GRAINED SAND WITH SHELL
HASH & FRAGMENTS AND
SILT

ROCK

1

2.3'

2

5.9'

2.93 Phi
0.13 mm
9.9 % SILT
(SP - SM)

2.70 Phi
0.15 mm
76.0 % SILT
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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