

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5B

CORE NO: LBVC - 42

COORDINATES:

DATE: AUG 20 1995

WATER DEPTH: 35.5 Ft. NGVD

N = 1106791

START TIME: 1123

DRILLER: EXMAR

E = 243866

END TIME: 1129

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 8.4'

LENGTH RECOVERED: 8.1'

PERCENT RECOVERED: 96 %

LENGTH RETAINED : 7.9'

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

SAND



SHELLS FRAG.



ROCK FRAG.



SHELL HASH



ROCK



SILT



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-35.5'

0.0

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

-37.5'

2.5

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

-40.5'

5.0

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

-43.2'

7.5

-43.9'

8.4

X X X
X X

ROCK

10.0

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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