

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 48

COORDINATES: DATE: AUG 19 1995

WATER DEPTH: 35.0 Ft. NGVD

N = 1110367

START TIME: 1456

DRILLER: EXMAR

E = 242109

END TIME: 1504

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: 8.8'

LENGTH RECOVERED: 5.9'

PERCENT RECOVERED: 67 %

LENGTH RETAINED : 7.8'

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR : NORTH

SPEED : 0 - 5 Kt

WAVES:

DIR : NORTH

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



-35.0'

0.0

-36.5'

2.5

-40.0'

5.0

5.9

-43.8'

8.8

10.0

DARK GRAY (SY 4/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH & ROCK GRAINS

DARK GRAY (SY 4/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH & ROCK GRAINS

SEE LBVC-48A

ROCK

1
1.5'

2
5.0'

0.78 Phi
0.58 mm
2.0 % SILT
(SP)

0.80 Phi
0.57 mm
3.2 % SILT
(SP)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD
NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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