

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 49

COORDINATES:

DATE: AUG 19 1995

WATER DEPTH: 34.0 Ft. NGVD

N = 1110139

START TIME: 1548

DRILLER: EXMAR

E = 240922

END TIME: 1558

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: 8.2'

LENGTH RECOVERED: 7.7'

PERCENT RECOVERED: 94 %

LENGTH RETAINED : 7.6'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR : 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



-34.0'

0.0

-36.1'

2.5

-39.9'

5.0

5.3

-41.9'

6.9

-42.2'

8.2

10.0

DARK GRAY (5Y 4/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH & ROCK GRAINS

DARK GRAY (5Y 6/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH & ROCK GRAINS

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

LIGHT GRAY (5Y 4/1), FINE
GRAINED SAND WITH LAYERS
OF SHELL HASH

ROCK

1

2.1'

2

5.9'

3

7.9'

1.03 Phi
0.49 mm
1.8 % SILT
(SP)

2.09 Phi
0.24 mm
4.1 % SILT
(SP)

2.12 Phi
0.23 mm
4.6 % SILT
(SP)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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