

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 7B

CORE NO: LBVC - 33

COORDINATES: DATE: AUG 21 1995

WATER DEPTH: 35.0 Ft. NGVD

N = 1126422 START TIME: 1242

DRILLER: EXMAR

E = 235686 END TIME: 1246

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.

DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

LENGTH OF BARREL: 12.0'

35.0'

0.0

PENETRATION DEPTH: 9.5'

LENGTH RECOVERED: 9.5'

PERCENT RECOVERED: 100 %

LENGTH RETAINED : 9.4'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

37.0'

2.5

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: SE

SPEED: 0-5 Kt

WAVES:

DIR: SE

HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH

SPEED: 0-1 Kt

39.6'

5.0

5.2

41.0'

7.0

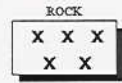
7.5

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



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

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

GRAY (SY 6/1), FINE TO
MED. GRAINED SAND WITH
SHELL HASH

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

DARK GRAY (SY 4/1), FINE TO MED GRAINED
SAND W/ SHELL HASH

ROCK

1
2.0'

2
4.6'

3
6.0'

4
8.9'

2.47 Phi
0.18 mm
3.6 % SILT
(SP)

2.21 Phi
0.22 mm
4.0 % SILT
(SP)

2.18 Phi
0.22 mm
6.2 % SILT
(SP - SM)

1.75 Phi
0.30 mm
2.2 % SILT
(SP)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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