

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 1

CORE NO: LBVC - 7

COORDINATES: DATE: AUG. 17, 1995

WATER DEPTH: 30.6 Ft. NGVD

N = 1082586

START TIME: 1813

DRILLER: EXMAR

E = 284016

END TIME: 1817

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: 6.0'

PERCENT RECOVERED: 95 %

LENGTH RETAINED : 5.8'

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: 5-10 Kt

WAVES:

DIR: NW

HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH

SPEED: 1-2 Kt

ANALYSIS BY: MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



-30.6'

0.0

-32.4'

2.5

-36.2'

5.5

-36.9'

6.3

7.5

10.0

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GRAY (SY 6/1), FINE GRAINED
SAND WITH SHELL FRAGMENT

GRAY (SY 6/1), FINE GRAINED
SAND WITH SHELL FRAGMENT

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

GRAY (SY 6/1), FINE GRAINED
SAND

GRAY (SY 5/1), FINE GRAINED SAND W/
SHELL FRAGMENTS & HASH

GRAY (SY 6/1), SILTY SAND

ROCK

1

1.8'

2

5.6'

2.86 Phi
0.14 mm
9.7 % SILT
(SP - SM)

2.30 Phi
0.20 mm
13.9 % SILT
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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