

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 51

COORDINATES:

DATE: AUG 19 1995

WATER DEPTH: 33.0 Ft. NGVD

N = 1111049

START TIME: 0958

DRILLER: EXMAR

E = 240396

END TIME: 1011

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 9.0'

LENGTH RECOVERED: 7.0'

PERCENT RECOVERED: 78 %

LENGTH RETAINED : 7.0'

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSH

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR : NORTH
SPEED : 0 - 5 Kt

WAVES:

DIR : NORTH
HEIGHT 1 - 2 Ft

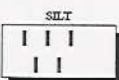
CURRENT:

DIR : NORTH
SPEED : 1 - 2 Kt

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING
MECHANICAL SIEVE



ELEV.
(NGVD)

SAND
DEPTH

LEGEND

DESCRIPTION

SAMP
NO.

REMARKS

-33.0'

0.0

-35.6'

2.5

-39.4'

7.2

7.5

-41.7'

9.0

-42.0'

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

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

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

ROCK

1

2.6'

2

6.4'

3

8.7'

0.87 Phi
0.55 mm
2.4 % SILT
(SP)

1.49 Phi
0.36 mm
2.5 % SILT
(SP)

2.54 Phi
0.17 mm
7.0 % SILT
(SP - SM)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

COASTAL PLANNING & ENGINEERING, INC