

Summary of Vibracore 22

This mixed carbonate and quartz sand sedimentary sequence is extremely variable with regard to sedimentary structures and inclusions. Both lithified clasts (in situ cementation of host sediment) and shell debris is scattered throughout the core. Sections 2 and 3 are burrowed by mangrove roots and patches of organic material in this sector of the vibracore represents degraded root material from red mangroves. Fine-grained quartz sand is typical of the mangrove burrowed zones. Carbonate mud is present in association with sand-sized particles throughout most of the core.

LITHOLOGIC LOG

Vibracore 22 PB1#14

DEPTH
FEET

0

1

2

3

4

5

6

7

8

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

DISTORTED BED.

BURROWING

SHELL

ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec
1

sec
2

LITHOLOGIC LOG

Vibracore 22 PB1 #14

DEPTH
FEET

8

9

10

11

12

13

14

15

16

[illegible][illegible]

LITHOLOGIC LOG

Vibracore 22 *PBI#14*

DEPTH
FEET

16

17

18

19

20

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

DISTORTED BED.

BURROWING

SHELL

ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec
4

COMPACTION = 1 inch

