

Summary of Vibracore 21

The sediments that comprise this sequence are largely composed of calcium carbonate, but terrigenous grains (especially quartz) are present in distinguishable proportions throughout Vibracore 21. Cementation of these sediments is the dominant characteristic of this depositional sequence. Lithification occurs throughout the sediments sampled in this vibracore. This cementation is in situ and by physical/chemical processes rather than by biological processes typical of a reef environment.

LITHOLOGIC LOG

Vibracore 21 PB 1 #12

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

LITHOLOGIC LOG

Vibracore *24* PB1 #12

DEPTH
FEET

8

9

10

11

12

13

14

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

LIME
MUD
PRESENT

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
3

COMPACTION = 22 inches