

Summary of Vibracore 23

This core contains three distinct sedimentary units that range from dominantly quartz sands to carbonates. Sections 1 and 2 (top sections) are composed of clean and well sorted quartz sand of fine to medium grain size. The central part of the vibracore has a significant medium to coarse carbonate sand component with carbonate mud in the pore spaces of these matrix materials. Some evidence of seafloor lithification occurs directly below the upper quartz sand unit. Lithification also occurs at the bottom of the vibracore.

LITHOLOGIC LOG

Vibracore 23 PB / #18

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 23 P31 # 18

DEPTH
FEET

8

9

10

11

12

13

14

15

16

GRAVEL
COARSE SAND
MEDIUM SAND
FINE SAND
SILT
CLAY

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

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ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

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CORAL/ALGAL

RADIOGRAPH

CORE SECTION

SEC
3

SEC
4

LITHOLOGIC LOG

Vibracore 23

[illegible]

