

53941

Clay Bank Shoal

6-26-07

37° 20.499

20 ft. Depth

76° 37.494

Overcast, S wind ~ 10 knots, a little choppy

Arrive 0715 EDT

53941-1ss

0735 (EDT)

-1eh

- this site is difficult to core - lots of shell  
 near surface - moved prior to core 53941-1  
 new location

37° 20.475

20ft

76° 37.494

53941-2F

0750

- 2eps

- 2 pellets

53941-3 ~~org~~gs

Dumped → 3 org - lipids for Laura

0803

- 3eps

53941-4eh

0835

- 4 org - lipids for Laura

53941-5e

0845

- 5x

- 5eps

Difficult to collect core that doesn't leak

S3941-Oxy 1

0855

-Oxy 2

Moved again after dumping many bad cores

37° 20.467

19A. 0935

76° 37.508

S3941-6e

0935

-6x

-6eps

→ deep core soft mud

S3941-7e

0945

-7x

-7eps

S3941-8f

~~0945~~ 1003

-8eps

-8 pellets

→ more soft mud + deep cores

MSI cast

1010

Surface - Temp: 26.4

Bottom - Temp: 25.2

Sal: 16.9

Sal: 17.5

53941 - 9 orgs - 1 spids for larvae

1040

53941 - 10 f

1045

- 10 eps

- 10 pellets

= cbbms near surface. still slack at bottom

53941 - 11 en

1110

Collected water.

Done 11/20

6-26-07

X-ray cones from S3941

Clay Bank Shoal

0.16 sec, 60 kVp, Al plate, no offset

S3941-612

S3941-612

S3941-613

} Blanks

S3941-6x1+2

- slight slope left to right
- some slope front to back ~ 1-2mm
- no water left on surface - add H<sub>2</sub>O - slightly disrupted edge - right side of X-ray

S3941-5x1+2

- slight slope left to right
- slight slope front to back
- humpy surface
- ~ 1.5 cm water left on surface - added H<sub>2</sub>O - slightly disrupted edge - left side in X-ray

S3941-7x1+2

- ~ level side to side
- some slope front to back ~ 1mm
- water remaining on surface - did not add any