

5-21-07

53937 - Gloucester Point

37° 14.659

23 ft. deep

76° 29.882

Sampling around slack after ebb

- Sunny + warm -

- NNE breeze ~ 10 knots

Arrive ~ 8:30 EDT

53937-1 eps

0845 (EDT)

- 1gs

- 1eh

53937-2f

0900

- 2eps, ch1A

Current still ebbing - box core going in kind of crooked

53937-3e

0915

- 3eps

Current starting to flood

53937-4e

0930

- 4eps

- 1x

4SI cast

Bottom Temp = 18.1°C

Sal = 17.0 ppt

Surface Temp = 18.3°C

Sal = 16.8 ppt

53937-5c

0945

-5x

-5eps

Flooding at surface

Flooding but pretty slow near bottom

53937-6x

1000

-6ss

53937-7f

1015

-7eps

53937-8eh

1030

-8org

-8eps

Davit problems - had to run in + have davit fixed  
Back on site ~1145

New location

37° 14.6664

76° 29.921

25 ft.

S3937-9 org

1145

- 9 f (only macrofungi)

- 9 eps

S3937-10 org

1200

- 10 f (pellets, recruits, meio)

5-21-07

X-ray cores from 53937

- Gloucester Point site

- 0.16 sec, LOOKUP, AI plate, offset turned off.

53937-611

53937-612

53937-613

} Blanks

53937-4x1

-4x2

- 1 cm of H<sub>2</sub>O left on core - added more "slightly disturbed edge (right in x-ray) while adding water"
- slight surface slope front to back ~ 1mm
- some slope + curve side to side

53937-5x1

-5x2

- some slope front to back 1-2mm
- slope side to side
- nice surface
- water on surface - no need to add

53937-6x1

-6x2

- some slope side to side
- slight slope front to back < 1mm
- added water to surface
- slight disruption of left edge in x-ray image