

4-18-07

S3931

Gloucester Point

Arrive @ 9:00 AM EDT

Cool - North wind ~ 15 Kn

- 1st calm day after strong Nor'easter

26 ft. depth

S3931-1 eh

0925

- 1 extra -

S3931-2 fauna

0940

- 2 eps

- 2 pellet

S3931-3 eh

0955

- 3gs

- eps

S3931-3 fauna

1010

- 3 eps

S3931-4 gs

1025

- 4 org - for larvae

- 4 eps

S3931-5 g's
-5 org

1035

S3931-6 org
-6 X
-6 eps

1050

S3931-7 eps

1110

- dumped
- hydroid weed root like things in sed.

Current beginning to slack

- still weak flood

- moved forward ~ 2 meters
- bottom seems better

S3931-8 X

1130

- 8e
- 8 eps

S3931-9 X

1145

- 9e - used to replace a short *Fucus* core
- 9 eps

~ slack tide

1/5I cast

1158

Bottom Temp: 11.5°C
sal: 15.4 ppt

Top Temp: 11.8°C
sal: 14.9

S3931-10e

1205

-10x

-10 eps

S3931-11e - extracted for org. 1235
- 11 pellet

S3931-12e

1240

-12f

Collect water

1250

Done sampling

1255

X-ray cores from 53931 GP

0.16 sec. 60 kVp. no offset Al plate

53931-511
53931-612
53931-613 } blanks

53931-6x1
-6x2 }>

- water on top
- surface hummocky
- slight slope side to side
- generally level front to back except along right side in X-ray - twisted

53931-8x1

. . . -8x2

- all water drained from core - added H₂O + scooped corner
- surface generally level front to back
- some slope side to side

53931-9x1 + 9x2

- water on top
- nice slab except burrow near center - depression
- ✓ Somewhat curved side to side
- generally level front to back

S3931-10 x 1

-10 x 2

- all water drained
- added water without surface disruption
- surface generally level side to side
- same slope front to back 1-2mm