

4-19-07

S3932 Clay Bank Channel

Arrive 10:50 ^{ET} cool, overcast

winds NW 7-10

- kind of choppy but not too bad

Current flooding

35 ft. depth

37° 20.844

76° 36.990

S3932-1 eh

1100

~~1 org~~
- 1 eps

- weights (bricks) on. Very deep core.
sediment to ~ 3 in from top of box core.
Very soft sed.

S3932-2 eh

1115

- 2 org
- 2 eps

S3932-3 gs

1140

- 3 org
- 3 eps

53932-4f

1210

- 4 eps

- 4 pellets

Current still flooding. Removed weights from
box cover to reduce penetration

53932-5f

1230

- 5 eps

- 5 pellets

53932-6f

1250

- 6 eps

~~- 6 pellets~~ - dumped

- discarded macrofauna core

53932-7gs

1315

- 7 macrofauna

- 7 pellets

53932-8e

1330

- 8x

- 8 eps

Current slack. Boat starts to swing on
anchor

53932-9e

1345

~~- 9x~~ dumped
- 9eps

YSI Cast

1355

Bottom: Temp: 11.6°C
Sal: 14.3 ppt

Top: Temp: 11.8°
Sal: 13.6 ppt.

53932-10e

1405

- 10x
- 10eps

53932-~~11x9~~ Dumped 1415

- 11x6
- 11 pellet

53932-12x9

1425

- 12x6

1440 - collect water

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X-ray slabs from S3932 CBC

60kVp 0.16sec, Al plate, no offset

S3932-611

S3932-612

S3932-613

} blanks

S3932-8x1

- 8 - 8x2

- Some water left on core - added more
- Slight slope front to back
- ~~core~~ left + right corners scoured slightly during water addition
- Surface dips down near one edge

S3932-10x1

- 10x2

- Surface ~~is~~ level front to back
- Surface curved side to side
- water on surface
- other than curved surface very nice

S3932-11x1

- 11x2

- level front to back
- surface curves down toward one edge
- water on surface
- very nice other than curved surface