

4-20-07

53933

Clay Bank Shoal

Moved somewhat upstream of usual station.  
Generally seems to be better mud here

Arrive at 10:55 EOT

37° 20.487

20 ft depth

76° 37.508

~~☉~~ Sunny day, some N wind but fairly calm

53933-1f

1105

-1eps

Thick layer of soft sediment on top ~10-15cm  
- seems to be significant deposition since last  
visit to this site.

53933-2eh

1120

-2org

-2eps

53933-3eh -dumped

1140

-3org

-3eps

Seem to be drifting very slowly

53933.4 eh-dumped

1200

-7gs

-4eps

drifted too close to gill net poles to NW  
relocated

new spot: 37° 20.5N

76° 37.5W

53933.5 f

1220

-5eps

53933.6 eh

> dumped 1235

-6gs

> messed up surface

-6eps

53933.7 eh

1245

-7gs

53933.8 e

> dumped 1325

-8x

-8eps

53933.9 e

1335

-9x

-9eps

Current near slack

• water over core somewhat turbid - seems to whitish particles that don't settle out

53933-10e

1350

-10x

-10eps

Slack - boat swings on Anchor

YSI cast

Bottom: Temp: 11.7°C

Sal: 14.2 ppt

Surface Temp: 13.6°C

Sal: 13.1 ppt

53933-11e

1415

-11x

-11eps

Collected water

1430

53933-12x

~~Done~~ Done ~ 1435

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X-ray slabs from 53933 CBS

60 KVP 0.16sec No offset, Al plate

53933-612

53933-612

53933-613

} Blanks

53933-9x1

-9x2

- some water on top - added more
- slightly disrupted on corner
- some sed in suspension
- some slope front to back ~ 1mm
- surface somewhat hummocky

53933-10x1

-10x2

- almost all water drained - added water without disruption
- very level front to back
- slight slope side to side
- very nice surface

53933-11x1 + 11x2

- some slope front to back ~ 1mm
- water on top
- some side to side slope
- hummocky surface

S3933-12x1

-12x2

- surface has step like shape
- nice slab other ~~side~~ than uneven surface
- water remains on surface