

5-22-07

53938

Clay Bank Shoal

Sampling around stack after ebb

Overcast + calm day

37° 20.455

18ft.

76° 37.477

Arrive ~ 9:00 (EDT)

53938-1gs

0915 (EDT)

-1eh

- oxygen (Laurie Palomo doing O₂ profiles)

-1eps

53938-2f

0930

-2eps

53938-3eh

0945

-3 ~~o~~ organic

-3 oxygen

53938-4f

0955

-4eps

53938-5e

1020

-5x

-5eps

53938-6e

1030

-6x

-6eps

YSI Cast

10%

Bottom - Temp = 20°C

Sal = 12.3 ppt

Surface - Temp = 20.3

Sal = 11.9 ppt

53938-7e

1050

-7x

-7eps

53938-8org

1100

-8org

-8eps

> dumped

53938-9eps

1115

-9org

-9eps

CBS

X-ray cores from 53938

5-22-07

Shooting at 60kVp 0.16 sec, w/Al plate, no offset

53938-511

53938-512

53938-513

} Blanks

53938-5x1

-5x2

- very little water left on surface ~4mm - added water - slightly dented edge - right side on X-ray
- surface nearly level front to back
- slight slope side to side - ~~very nice~~
- very nice slab

53938-6x1

-6x2

- water on core
- surface nearly level but somewhat wavy  side to side
- slight slope front to back ~1mm

53938-7x1

-7x2

- nice core
- nearly level front to back
- slight slope + wavy side to side.
- water remains on top of core