

53942 | Clay Bank Channel

6-27-07

Arrive on site 0735 EDT

37° 20.837

36 ft.

76° 36.967

- light sea wind, hazy, humid
- ~~the~~ Sampling ground slack after flood
- tide still flooding upon arrival

53942-1gs

0745

- 1eh

- 1eps

- no weight on cores. - soft mud

53942-2F

0755

- 2eps

- 2 pellets

53942-3org-lipids

0813

- 3eh

- 3eps

53942-4F

0823

- 4eps

- 4 pellets

53942-5eh

0845

- 5 org/lipids

53942.6f

0857

- loops
- loops

53942.7e

0920

- 7x
- 7eps

53942.8e

0932

- 8x dumped
- 8eps

- current still ~~strong~~ flooding but very weak

- water on top of core coming up pretty clean

53942.9e

0945

- 9x
- 9eps

53942.10x

0955

- 10x
- 10 oxy
- slack tide

YSE Cast

Bottom - Temp: 25.1

Surface - Temp: 26.4

Sat: 18.2

Sat: 16.4

Collected water

1015

7 Pore 1020

X-ray seeds from 53942

6-27-07

Clay Bank Channel

0.16 sec, 60kVp, Al plate, no offset

53942-611

53942-612

53942-613

} Blanks

53942-9x1+2

- ~level side to side

- slight slope front to back $< 1\text{mm}$

- ~1cm water left on core

- added water - disturbed edge \oplus - right side in X-ray

53942-7x1+2

- ~level side to side

- nearly level front to back

- almost all H_2O drained from core ~ 2mm left

- added H_2O - very little surface disruption

- TX 2 - H_2O drained from core

53942-10x1+2

1) - Some slope side to side

- nearly level front to back

- water remaining on core surface - no need to add any