

53929

3-22-07

Clay Bank Channel

Arrive 7:24 EDT

37° 20.826

76° 36.955

34ft depth

Current still ebbing hard throughout water column.

Water very brown.

53929-1f

-1eps

- very deep penetration on core

- sediment nearly to top of core

- very soft + oxygenated sediment at surface
seems to be pretty thick

53929-2ch

805

-2gs

-2eps

53929-3ch

825

-3org - R. lawn

-3eps

- Surface of sediment nearly fluid mud.

53929-4gs

-4org

-4eps

S3929-5gs

850

-5eps

-5 org. for Lewis

Current still ebbing at surface

Near slack at bottom

-remove weight from box cover to achieve less penetration & get more water on top of cores

S3929-6e

905

-6x

-6eps

S3929-7c

920

-7x

-7eps

Current ebbing slowly at surface

Beginning to flood near bottom

YSI cast

Bottom temp. ~~8.9~~ 8.8

ssil ~~9.0~~ 13.8

Top temp ~~9.2~~ 9.2

ssil ~~11.8~~ 7.6

S3929-8e

- 8x

- 8eps

940

All x-ray + erosion cores nearly perfect
- seems likely that sediment deforms some inside
of core tube making it flat or maybe just
good cores

S3929-9f

- 9eps

950

S3929-10f

- 10eps

1008

Weather nice + calm throughout coring.

3-22-07

X-ray seds from S3929

60 KVP ~~0.16~~ 0.16 sec

Blanks

S3929-b11

S3929-b12

S3929-b13

S3929-6x1 →

S3929-6x2

- water on surface
- very nice slab
- level front to back
- very high quality core

S3929-7x1 →

S3929-7x2

- added some water to surface - was ~ 3cm - added ~ 1cm
- slightly stirred up sediment
- otherwise very nice quality
- level side to side + front to back
- nice smooth surface

S3929-8x1 →

- 8x2 →

- some surface slope side to side
- * slight slope front to back ~ 1.5
- otherwise smooth surface
- water on core