

7-17-06

Sampling clay Bank Channel with Emilee,
Payal, and Alize

S3912 Schuttner ⁶⁰⁰⁰ CB
- using Seitz's baby box corer
37° 20.816' 33 ft.
76° 36.952'

Clay Bank channel site

S3912-1f 1025 fauna
- current seems near slack on bottom
- corer hung ~ straight down

S3912-2eh 1035 eh
- took weights off corer
- cores shorter but better surface

S3912-3ex 1045 extrude for grain size
- drifted off station ~ 300m
- still on same depth contours
- moved back to station

S3912-4e 1100 erosion
clear water on surface
- nice core

S3912-5x 1120 xray
- very nice core clear water on top

53912-6eh

Eh core
1128

53912-7ex

extrude for gram size
1135

- a few pieces of previous sample on surface

53912-8

- just eps 1200
- tried for erosion core but surface cracked

53912-9f

fauna 1208
- surface slightly stirred up

- current switching at bottom - ~~beginning~~ to flood

53912-10f

fauna 1215
- some chunks on surface but otherwise very nice - clean water on top

53912-11e

erosion ~1245
surface slightly cracked - not much water on top
* not the best core but decent

53912-12 eps

- just eps

S3912-13e - erosion core 1315
- surface slightly cracked but
pretty good

S3912-14eps - eps 1318

X-rays of S3912

S3912-b11 }
S3912-b12 } lookup 0.16 sec
S3912-b13 }

S3912-5x1 } same core shot twice
S3912-5x2 } @ lookup 0.16 sec

1/4 1 cm water on top of core

- very nice core - fluffy brown layer on surface
- gray + black underneath

S3912-8x1 } same core shot twice @

S3912-8x2 } lookup 0.16 sec

- brown surface layer

- core slightly irregular + sloping toward
on side

- down slope side has slope along ~~with~~ ^{depth (thickness)}
of core - use other side for porosity
(on left in X-ray? I think)

53912-5x3 } added water to surface of
53912-5x4 } 5x + reshot @ 60kV 0.16 ~~xx~~