

1-12-07

S3927

Clay Bank Shoal

37° 20.439'

19 ft.

76° 37.449'

Cloudy, breezy, (sw) somewhat choppy

Arrive ~ 10:20 EST

S3927-1f

1040

-1 eps

S3927-2eh

1100

-2 gs - extrude

-2 eps

Coring difficult - shell layers limit penetration

S3927-3f

1120

-3 eps

S3927-4f

1140

-4 eps

-4 gs - extrude

53927-5x

1205

-5e  
-5eps

53927-6xa

1225

-6e  
-6eps  
-6xb

-drift cable nearly broke - done for the day  
X-ray 6xb taken after water drained  
X-ray 6xa - somewhat disturbed surface

1/31 east

1242

Bottom  $\left\{ \begin{array}{l} \text{Sal} - 13.7 \text{ ppt} \\ \text{Temp} - 10.2^\circ \text{C} \end{array} \right.$

Top  $\left\{ \begin{array}{l} \text{Sal} - 6.8 \text{ ppt} \\ \text{Temp} - 8.9^\circ \text{C} \end{array} \right.$

Done 12:54

Collected replacement water near Coleman bridge  
on way back

1-12-07

## X-raying slabs from 53927

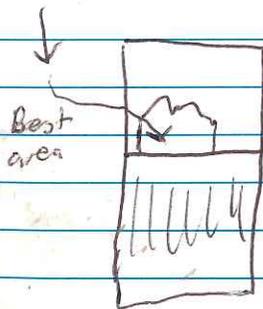
Shooting at 60 kVp 0.16 sec with Al plate

53927-bl1  
53927-bl2  
53927-bl3 } blanks

53927-6xa1

53927-6xa2

- added water to surface - 2l can to begin
- disrupted sed along right edge in X-ray
- some surface slope on left side in X-ray
- best area slightly off center ~~of~~ to right side



53927-6xb1

53927-6xb2

- collected slabs while no water on box core
- added water in lab - very little disruption during addition of water
- nice slab - pretty level side to side + front to back

See back

Both slabs had lots of shell. Difficult  
to extrude + will likely complicate calibration