

8-21-06 Schaffner GP7

53914 Gloucester Point Buoy Site

Slack after flood

37° 14.671

76° 29.903

24 ft depth

Arrive 9:10 am EDT

0920 53914-1

Erosion core 1 - nice core - clear water/level

X-ray 1
EPS

0950 53914-2

Erosion core 2 - not great. kind of up level
- water slightly turbid

X-ray 2
EPS, Fauna

01005 53914-3

Erosion core 3e - bad core - dumped

X-ray core 3X
EPS

1020 53914-4

Erosion core 4e - dumped

EPS, Chl a

1035 53914.5
Erosion core 5e - dumped
EPS
Grain size

1100 53914.6
Erosion 6e - dumped
Grain size
EPS

1125 53914.7
Erosion - 7e kept
EPS

- current starts to pick up at surface - still seen slow at depth

1135 53914.8
Fauna (~~macro~~) (not Macro)
EPS

1145 53914.9
Fauna (macro)

53915 Bob Diaz's Plankton buoy site
22ft.
37.28374 37.28374
76.49534 76.49534

S3915-1

EPS

~ water ran out of core

1210

Couldn't get decent core
Maybe shells on bottom

Relocate

37.24382°

76.49586°

S3915-2

EPS

Fanning

S3915-3

X-24 4x

EPS

- water drained

S3915-4

EPS

Using Al plate

X-ray slabs from S3914 + S3915

S3914-611 60kVp @ 0.16 sec

S3914-612 "

S3914-613 "

S3914-1x1 > shot same slab twice @ 60kVp + 0.16 sec

S3914-1x2

- water on top ~ 3cm
- nice slab - level smooth surface
- fluffy surface layer
- = slight slope on right side in x-ray

S3914-2x1 > duplicate 60kVp 0.16 sec

S3914-2x2

- had to add water to top
- may have slightly disturbed top ^{part from wall} _{on 0.16 sec}
- core slanted front to back ~ 2mm

S3914-3x1 > 2 shots same slab 60kVp 0.16 sec

S3914-3x2

- ~ 0.5cm water - had to add more
- = disrupted edges slightly
- nice slab - level front to back

[S3915]

S3915-1x1

S3915-1x2