

8/22/06

S3916 Clay Bank Channel

slack after flood  
Arrive 0945 EDT  
37 ft. depth

37.34747

76.6631

Nice sunny day - calm

S3916-1

Faym  
EPS

S3916-2

EPS

Eh - S3916.2eh

1030 S3916-3

EPS

Grain size  
Eh (3eh)

S3916-4

Erosion - 4e  
X-ray - 4x, dumped  
EPS

S3916-5

1100

EPS

Erosion - Se - very nice

X-ray - 5X - cracked - dumped

S3916-6

- current nearly stuck

EPS

Erosion - 6e - nice

X-ray - 6x dumped

S3916-7

1130

stuck current

Grain size

X-ray - 7x kept

S3916-8

1145

X-ray - 8X - nice kept

Frags

EPS

S3916-9

1205

X-ray - 9X - very nice

Frags

EPS

S3916-10X

1230

EPS

End position

37° 34' 52"

71 11 24

X-ray slabs from S3916

S3916-611 } blanks  
S3916-612 } 60 KVP @ 0.16 sec  
S3916-613 }

S3916-10x1 } same slab 60 KVP 0.16 sec  
S3916-10x2 }

- pretty nice
- surface seems undisturbed
- surface slope somewhat front to back 2/1-2mm
- ~2um brown surface layer

water on top

S3916-9x1 } same slab 60 KVP 0.16 sec  
S3916-9x2 }

- nice core
- surface level front to back
- hummocky surface may cause slight + irregular front to back slope
- water on top

S3916-8x1 } same 60 KVP 0.16 sec  
S3916-8x2 }

- nice core
- very slight slope front to back ( $\leq 1$ mm)
- 1 edge slightly disrupted by adding water
- water on top

Discarded S3916-7x - surface seemed very disrupted