

12/03/2020

Core 73002; Pass 2; Interval 18; Range: 10.0 to 9.5 cm (= core depth of 8.5 to 9.0 cm)

Charis, Juliane

Marking interval boundaries: something huge can be felt under the surface at surface level on E-side, which goes right into 9.0cm interval length.

N-W:

W-edge is slightly more cohesive than previous interval but still loose and collapsing, just not as badly. Lots of clods, mixed grain sizes from coarse to fine. Going towards NS-line, the soil continues to be more cohesive. This interval in general is more cohesive than all the other intervals before in this pass, still loose but doesn't collapse as badly. No change towards and at NS-line.

The clast/clod on E-side at surface level goes into interval 19. Charis can dig around and underneath it which is a big change compared to the last intervals (#883).

N-E:

E-edge is dark right at plate level. E-edge is less coherent than W-edge, very loose, mix of grain sizes. Collapses more. The large clast on E-side that Charis dug around just fell out, saving it for interval 19. Clast A is encountered right next to large clast (on E side of the large clast) (# 885, 887).

Sieving:

Clast A sieved and poked with tweezers. After sieving picked up with tweezers and placed into Al-cup.

Soil was sieved, very loose, falling through sieve easily about the same as previous interval. Lots of 1-2mm clasts. Tapping of clasts with tweezers in sieve to determine if soil clods. Clasts transferred into Teflon lid with tweezers. Sorted into fraction. Transferred named clast from Al-cups into Teflon disk. Then clasts transferred into container (or Al-cups for named clasts) and weighed.

Full core with colored bar recorded (#888, 890, 906, 907, 908, 909, 911, 913)

Clasts:

4-10 fraction: 1 clasts; Clast A: white patches and some dark coating/patches. Very edgy.

2-4 fraction: Mostly edgy, light gray

1-2 fraction: Some rounded clasts, a lot edgy ones. Some very dark clasts, one agglutinate, and a few clasts with black patches/coats. Two clasts have very white areas.

SAMPLE INFO (# 891, 892, 894, 896, 898, 899, 901. 902, 905)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight (g)	New generic (73002,xxxx)
>10	-				
4-10	1	0.064	9_22721		,1068
2-4	5	0.086	9_22722	16.504	,1069
1-2	45	0.199	9_22723	16.530	,1070
<1	fines	2.585 (calc)	9_22720	18.689	,1067

Individual > 4mm clasts (named clasts):

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.064