

11/24/2020

Pass 2, Interval 7; Range: 15.5 to 15.0 cm interval length; (=core depth 3.0 to 3.5cm)

Charis, Juliane

Marking (#455)

N-W:

Started scooping at Western tip, soil is light gray in color, mix of coarse and fine grain sizes. W-edge collapses into interval 8 (#456-457). Big clast found at plate level about 3-4mm inot NS-direction. Can be oriented (# 458-460) = Clast A. Soil is getting darker and more cohesive at plate level moving towards NS-line. At NS-line, soil is dark with light white speckles and small clasts. Pushing past NS-line towards E-side: soil more cohesive but still very loose. Not as cohesive as NS-line area. Soil is pretty fine grained going towards E with some white speckles present (#465).

N-E:

E-edge had collapsed from last interval. Soil here consistently dark and much more coherent. Huge clast at surface encountered 2-3mm from E-edge towards NS-line. Worked around it since it protrudes into next interval (interval 8). Another huge clast at NS-line at plate-level (#466). Finished scooping with clean-up.

Sieving:

Clast A was sieved first. Clast A has a white patch on it. It is very edgy and flat on one side. After sieving picked up with tweezers and placed into Al-cup.

Soil was sieved, very loose, falling right through the sieve, not sticking at all and does not stick to the walls of sieve either. Less clasts than previous intervals but maybe a few more 2-4mm?

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Transferred clast A from Al-cup into Teflon disk. Then clasts transferred into container (or Al-cups for named clasts) and weighed.

Full core with colored bar recorded (# 467, 484, 486, 487, 492, 496, 497)

Clasts:

4-10 fraction: Clast A: has a white patch on it. It is very edgy and flat on one side

2-4 fraction: a few agglutinates, some very dark gray clasts a few light gray clasts, one has a white patch on it. Most are subrounded.

1-2 fraction: few agglutinates some light gray clasts, some very dark gray clasts. All of the clasts are very edgy

SAMPLE INFO (# 469, 471, 472-475, 477, 478, 480)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight	New generic
>10	-				
4-10	1	0.089	9_22678		,1025
2-4	12	0.087	9_22679	16.361	,1026
1-2	20	0.054	9_22680	16.273	,1027
<1 fines		2.258 (calc)	9_22677	18.442	,1024

Individual > 4mm clasts (named clasts):

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.089