11/18/2020 afternoon

Pass 2 Interval 3 Interval-Range: 17.5-17.0 cm Core depth: 1.0 – 1.5cm (below surface)

People present in lab: Charis, Juliane, Ryan

Begin with marking interval boundaries for interval 3 but it collapses, so edges are not marked (#311). Very loose soil. Overall core is fluffy and loose-ass as before in Pass1.

N-W:

Started scooping at Western edge, material is very loose, it is avalanching, mix of light and dark material. Collapse revealed 6mm clast (Clast A) from surface level from 17.4-17.0cm, about 0.5cm doing down (#312). Soil is a bit lighter in color not as dark as last interval (2).W-edge/wall of interval 4 collapsed onto dustpan (#0314), had some soil clods coming off that wall/edge. Cleared it into Al-cup. Going towards center line more cohesive and soil getting darker. Oriented Clast (B) half way between surface and plate level found in the slightly darker and slightly more cohesive soil (#317) pulled out with tweezer (#315), soil behind clast B is slightly more cohesive. Soil consistently darker towards center line, no change in cohesiveness just in color. A scoop missed the dust pan again and fell onto plates instead, tried to clean it up as best as possible.

Passed NS-line white particles can be found in soil again. Scooped almost to E-edge. Material got pushed out a bit.

N-E:

Started scooping from Eastern tip, big chunked collapsed and revealed white small clast (1-2mm maybe). Still super loose, grains jumping off. E-edge is darker gain, no white speckles again, but very loose. Clast is underneath surface and moves when scooped over.

Clast hangs off on wall interval into next interval E of center line, very loose, ranges from 2mm below surface almost down to plate level. Seems a bit lighter in color. Not sure if clod or clast.

<u>Sieving:</u>

Clast A sieved, small piece came off (went through sieve <1mm), picked up with tweezer and put in Al-cup. Then Clast sieved, piece came off too but didn't go through sieve. Put with tweezers onto Al-cup.

Soil was sieved, very loose, goes through super easy, very little stickiness. Lots of lasts this time around. One clast jumped out and fell onto Al-foil. Was placed back into sieve with tweezers.

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction.

Full core with colored bar recorded (# 328, 342, 345, 346)

Oriented Clast B: #318-325

Clasts:

4-10 fraction: Clast A edgy, elongates has some white and black patches. Clast B is rounded, evenly gray, Clast C is rounded, has some black and white patches. All three clasts are very dark gray overall.

2-4 fraction: edgy, a few appear to be agglutinates, four clasts are lighter gray, the rest is dark gray. One dark gray clast has white patches

1-2 fraction: quite a few agglutinates, some very dark, edgy clasts, some lighter gray ons, one clast with white patches

SAMPLE INFO (#329, 330-333, 335, 337, 339-341)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight	New generic (73002,xxxx)
>10	-	-			
4-10	3	0.193 (calc)	9_22662		,1009
2-4	11	0.121	9_22663	16.807	,1010
1-2	20	0.066	9_22664	16.314	,1011
<1	fines	2.583 (calc)	9_22661	18.690	,1008

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.042
4-10	B	0.128
4-10	C	0.023