

11/18/2020 afternoon

Pass 2; Core 73002; Interval 2; Interval-Range: 18.0 cm – 17.5 cm; Core depth: 0.5 -1.0 cm (below surface)

People present in lab: Charis, Juliane, Ryan

Begin with marking interval boundaries for interval 2. Very loose soil. E-edge/wall up to 5mm in is very loose and will most like collapse when we start scooping (#282)

N-W:

Started scooping at Western edge, material is very dark, very loose, it is avalanching. Material seems very fine grained. Fine white speckles in soil. W-edge wall of next interval moved when spatula was near (#0283) -about 1cm might collapse in net interval. Soil collapses onto Spatula even when getting to NS line. Very loose soil surface to S and towards NS line. No changes when passing NS line, it is consistently very loose and crumbling. Dissecting through to E-edge. E-edge just collapsed entirely (#285-286)

N-E:

Started scooping from Eastern tip to clean up collapse. Soil is also very dark on this side. No changes in grain size or looseness (#287). Cleaning up the plate level.

Sieving:

Clast A sieved, picked up with tweezers and put in Teflon lid.

Soil from Al-cup that we “rescued” from pervious interval dumped into sieve. Rest from dustpan on top. All was sieved, very loose, goes through super easy, very little stickiness.

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 (# 290, 292, 294, 295)

Clasts:

4-10 fraction: Clast A subrounded dark gray

2-4 fraction: about half are agglutinates, some subrounded larger clasts, all very dark gray expect two light gray clasts that are edgy

1-2 fraction: mostly agglutinates and very dark, one lighters clast

SAMPLE INFO (# 296, 298, 299, 300, 302-305)

| Fraction (mm) | Particles (n) | Mass (g) | Container # | Gross-weight | New generic (73002,xxxx) |
|---------------|---------------|--------------|-------------|--------------|--------------------------|
| >10 | - | - | | | |
| 4-10 | 1 | 0.050 (calc) | 9_22658 | | ,1005 |
| 2-4 | 11 | 0.080 | 9_22659 | 16.115 | ,1006 |
| 1-2 | 8 | 0.017 | 9_22660 | 16.253 | ,1007 |
| <1 fines | | 2.126 (calc) | 9_22657 | 18.323 | ,1004 |

| Fraction (mm) | Clast Name | Mass (g) |
|---------------|------------|----------|
| 4-10 | A | 0.050 |
| | | |
| | | |

Juliane wins both guessing games of weights for clast C and fines!!! Andrea and Ryan loose :-)