

**11/18/2020 afternoon**

**Pass 2 Interval 1      Interval-Range: 18.5 cm – 18.0 cm      Core depth: 0 – 0.5 cm  
(below surface)**

People present in lab: Charis, Juliane, Ryan

Marking: Begin with marking interval boundaries for interval 1. Very loose soil (#246, 247)

**N-W:**

Started scooping at Western edge, material is very dark, very loose, it is avalanching (#248). 18.0-17.4 edge completely collapsed, top third of edge wall on west side collapsed. Removed interval 2 soil; from dust pan into Al-cup to keep for next interval. Soil VERY loose. Soil contains white speckles. Material falls onto spatula, it is o loose. The further S the more coherent it gets, material seems a slightly bit lighter in color. Clods seems more lighter in color, some clods are darker in color, but both are pretty well mixed and are next to each other.

Western edge is darker and looser.

Moving back towards S and NS line more coherent, lighter clods in soil present sitting in dark soil. The closer we get to NS line the less loose soil is, still loose but not collapsing as much any more. "Scrape" marks are staying visible. Matrix is consistently dark, no more white speckles, and no more clods in this area around NS line, from surface towards plate level

Reaching towards E beyond NS line it gets loose again.

**N-E:**

Started scooping from Eastern tip. Soil is very dark on this side. Entire edge is moving when touched with spatula, very loose, lots of avalanching, but not quite as bad as W side. Consistently dark, no white speckles visible here. Clast (clastA) from interval 2 fell into this interval. Recovered with tweezers and set aside for next interval into Al-cup for interval 2.

E-side overall consistently dark (#253) and finer grained, W-side was fine and coarse grained mixed, E side just fine grained.

One scoop didn't make it into dust pan but fell onto the plates. Dusted with brush into AL-cup at the end.

**N-W:**

Cleaning up W side, soil that got "pushed" around. Some material got pushed out the E side, so switching sides now. Tiny clast got pushed out onto plate.

**N-E:**

Cleaning up and recovering clast-about 2-3mm in size, light in color.

Sieving:

Soil was sieved, very sticky, sticking to sides this time as lot, really doesn't want to go down, has to tap quite hard. Not too many clasts.

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 (#255, 256, 258-261, 262\3, 265, 266, 268)

Clasts:

2-4 fraction: edgy, most of the clasts appear to be agglutinates.

1-2 fraction: mostly subangular, most appear to be agglutinates.

**SAMPLE INFO** (# 270, 271, 272, 275, 276-278)

| Fraction (mm) | Particles (n) | Mass (g)     | Container # | Gross-weight (g) | New generic (73002,xxx) |
|---------------|---------------|--------------|-------------|------------------|-------------------------|
| >10           | -             | -            |             |                  |                         |
| 4-10          |               |              |             |                  |                         |
| 2-4           | 7             | 0.062        | 9_22655     | 16.219           | ,1002                   |
| 1-2           | 7             | 0.023        | 9_22656     | 16.278           | ,1003                   |
| <1 fines      |               | 1.916 (calc) | 9_22654     | 18.304           | ,1001                   |