

**11/19/2020 afternoon**

**Pass 2; Core 73002; Interval 4; Interval-Range: 17.0 – 16.5 cm; Core depth: 1.5cm -2.0cm (below surface)**

People present in lab: Charis, Juliane, Ryan

Begin with marking interval boundaries for interval 4, just surface and not edges. Clast from W edge wall fell overnight, clast/clod at NS line slumped down overnight as well.

**N-W:**

Started scooping at Western edge, very loose, white speckles are present, dark fine matrix, light colored speckled, very slumpy and loose soil (#315). Going towards E, still speckled, western wall very unstable. Moving towards NS line more coherent, and more consistently dark matrix, less white speckles. N-surface very loose, but slightly underneath it gets more cohesive, and more cohesive moving towards S and NS-center line. Clast/clod protruding from interval 5, right at NS-line, slightly W, directly underneath surface. Leaving for next interval.

Slightly E of NS-line, clast A recovered, half way down from surface, touching plate level (#353). Picked up with Tweezers and put in Al-cup. Very white little clast at surface half way between NS-line and E edge (#354).

Right before moving onto other side, clast that protruded from interval 5 fell out and onto dissected surface, picked up with tweezers and put in Al-cup for next interval (#355, 356)

**N-E:**

Started scooping from Eastern tip, very loose, collapsing. Something still under plate level surface from Pass 3. Lots of white clods/speckles at the E-edge wall. "Crack" of E-edge wall that goes down to 15cm (#359) will probably collapse soon. Another clast fell from half way down towards plate level E of NS-line half way towards edge, that was from interval 5 (#0357).

**N-W:** back on W side to clean up avalanched material onto dissected surface.

Sieving:

Clast A sieved, picked up with tweezers and put in Al-cup. The fines from Al-cup that fell in previous interval with soil was sieved, loose, goes through easy, but stickier than previous interval Lots of clasts again, seem to be not as quick a variety though.

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. 3 large agglutinates present.

Full core with colored bar recorded (#361, 364, 365, 366, 368)

Clasts:

4-10 fraction: Clast A is very dark gray, some sharper edges

2-4 fraction: mostly agglutinates, three large ones. 5 clasts are light gray, the rest (including the agglutinates) are very dark gray and edgy

1-2 fraction: some agglutinates, some light gray clasts, mostly dark gray, subsounded to edgy

**SAMPLE INFO** (# 369-373, 375-378, 380, 381)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight	New generic (73002,xxxx)
>10	-	-			
4-10	1	0.100 (calc)	9_22666		,1013
2-4	13	0.080	9_22667	16.051	,1014
1-2	36	0.131	9_22668	16.094	,1015
<1 fines		2.632 (calc)	9_22665	18.841	,1012

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.100