

**11/24/2020**

**Core 73002; Pass 2; Interval 8; Range: 15.0 to 14.5 cm (= core depth of 3.5 to 4.0 cm)**

**Charis, Julianne**

Marking of interval 8 (#504)

**N-W:**

Started scooping at Western tip, soil is light in color, part had collapsed in previous interval (interval 7). Overall this W-wall is loose but not as friable and collapsing as previous interval (interval 7). Mix of coarse and fine grained material, but less coarse than previous interval, soil is a tiny bit darker too. Very dense clod discovered that we at first thought was a clast ((#504) Going towards NS-line, soil is still loose, pretty consistently light gray in color and loose going towards NS-line, surface keeps collapsing. Loose material around clast/clod that protruded from previous interval at plate level at NS-line = Clast A (#505). Clast A seems to be a huge agglutinate, very shiny black crust (so pretty) that has a very white clast (anorthosite?) stuck to it. Soil underneath and behind clast A is dark, something can be felt below plate level as well (protrudes into Pass 3).

Clast B encountered slightly above plate level going towards E, halfway between E-edge and NS-line. Clast B (#506) is 8mm in size(!!!) and has white bits. Soil is finer grained and consistently darker here with lots of white speckles.

Clast C encountered at surface level between NS-line and E-wall. Below it, something large protrudes into next interval (interval 9)

Eastern wall/edge: soil here is very dense, cohesive, and fine grained.

**Sieving:**

Clast A, then B, then C separately. After sieving picked up with tweezers and placed into Al-cup.

Soil was sieved, very loose, falling right through, not sticking at all. Lots of smaller clasts this time. Some clasts turn out to be clods. Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Lots of color variations, lots of white clasts. Transferred clast A-C from Al-cups into Teflon disk. Then clasts transferred into container (or Al-cups for named clasts) and weighed.

Full core with colored bar recorded (#508,511,518,529,531,533,534,535)

**Clasts:**

4-10 fraction: 3 clasts; Clast A:

2-4 fraction:

1-2 fraction:

**SAMPLE INFO (# 513,515,517,519,522,523,525,526,527,528,538)**

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight (g)	New generic (73002,xxxx)
>10	-				
4-10	3	0.540 (calc)	9_22682		,1029
2-4	4	0.047	9_22683	15.837	,1030
1-2	36	0.122	9_22684	16.284	,1031
<1 fines		2.729 (calc)	9_22681	18.949	,1028

**Individual > 4mm clasts (named clasts):**

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.159
4-10	B	0.329
4-10	C	0.052