

11/24/2020

Core 73002; Pass 2; Interval 9; Range: 14.5 to 14.0 cm (= core depth of 4.0 to 4.5 cm)

Charis, Juliane

Marking of interval 9: some material has collapsed during past dissection

N-W:

Started scooping at Western wall, soil is light gray in color, clast found right at the W-wall. Soil not as loose as previous W-walls but still more loose than darker soil around NS-line. Soil coarser grained. Large clasts at W-wall a few mm below surface level = clast A (#542). Clast A looks rounded and white-ish. Another clast found right next to it, but slightly more towards NS-line and closer to plate level part = Clast B.

Going towards NS-line: soil still light colored and coarse grained. Surface is more crumbly than soil below surface level (because it sat in N₂ atmosphere for quite a while?). Slightly W of NS-line large clast encountered = Clast C (#543, 544). It sits behind protrusion from Pass 3 at plate level. Soil is darker behind clast C. At NS-line soil is still loose, just darker in color compared to W-side. Past NS-line towards E-wall: another 2 clasts encountered that are on top of each other. Bottom clast = Clast D (oriented; #545, 546), other one is a 2-4mm size. Soil here is more coherent at plate-level.

E-wall: clod from interval 10 fell (#555) that was at surface level and close to E-wall. At E-wall/edge another clast/clod in the wall that protrudes into interval 10.

Soil at E-wall/edge is very dark and fine grained and might be more cohesive at plate level.

Sieving:

Clast A – D sieve individually. After sieving picked up with tweezers and placed into Al-cup.

Soil was sieved, slightly more sticky but not by much. Not nearly as many clasts as before, lots of clods instead, that were found out after 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 (#556,557,572,574,576,577,578,580,581)

Oriented clast D images: #547, 548, 550, 554

Clasts:

4-10 fraction: 5 clasts; Clast A:

2-4 fraction:

1-2 fraction:

SAMPLE INFO (# 558, 560, 562, 563-568)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight (g)	New generic (73002,xxxx)
>10	-				
4-10	5	0.572 (calc)	9_22686		,1033
2-4	2	0.047	9_22687	16.291	,1034
1-2	17	0.122	9_22688	16.213	,1035
<1	fines	2.729 (calc)	9_22685	18.609	,1032

Individual > 4mm clasts (named clasts):

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.127
4-10	B	0.066
4-10	C	0.150
4-10	D	0.199
4-10	E	0.030