

11/30/2020

Core 73002; Pass 2; Interval 11; Range: 13.5 to 13.0 cm (= core depth of 5.0 to 5.5 cm)

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Marking interval boundaries: uneventful

N-W:

W-wall very crumbly, material collapses as soon as the spatula gets near it. Grain size: a little finer grained than previous interval, still very light colored. W-edge collapsed into interval 12. NS-line area feels very loose. Clast A discovered between plate level and surface half way (#625) slightly W of NS-line. It is rounded. Just W of NS-line soil gets a little darker. The clast/clod that was protruding into last interval E of the NS-line turns out to be a clod. This entire interval is just totally collapsing left and right and falling apart. Worst interval yet!

E of NS-line soil is getting darker. Clast B discovered at plate level E of NS-line. It was together with a clod and looked like one larger clast. Soil behind clast B is super loose. Can still feel something sitting in the cross section wall protruding. Soil is getting a bit finer grained around that area (#626, 627), but some coarser grains are also found.

Going further E, soil is getting dark on surface level now too. Half way between NS-line and E-wall area with white speckles encountered.

Clod encountered at E-edge that sits on top of a clast that protrudes from the cross section wall into this interval at the E-edge.

N-E:

Cleaning up E-wall and scraping around the clast that protrudes. Clast C encountered right E of this protruding clast right at the E-wall. It is slightly below plate level with its bottom (#627) but only a few %. The other clast sits at plate level but goes slightly deeper into pass 3. Decided to leave it for pass 3 (#629, 630). Soil around that clast is very dark and more cohesive.

Sieving:

Clast A-C sieved individually. After sieving picked up with tweezers and placed into Al-cup.

Soil was sieved, lots of fines, slightly more sticky than last interval (interval 10), lots of clasts turned out to be clods after tapping of clasts with tweezers in sieve to determine if soil clods. Remaining clasts transferred into Teflon lid with tweezers. Sorted into fraction. 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 (#632, 641, 649, 651, 652, 653, 655, 656, 659)

Clasts:

4-10 fraction: 5 clasts; Clast A:

2-4 fraction:

1-2 fraction:

SAMPLE INFO (# 634, 636, 638, 639, 642, 643, 645, 646, 648, 660)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight (g)	New generic (73002,xxxx)
>10	-				
4-10	3	0.181 (calc)	9_22694		,1041
2-4	14	0.159	9_22695	16.339	,1042
1-2	38	0.134	9_22696	16.371	,1043
<1	fines	3.544 (calc)	9_22693	19.485	,1040

Individual > 4mm clasts (named clasts):

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.047
4-10	B	0.052
4-10	C	0.082