

**12/16/2020**

**Core 73002; Pass 2; Interval 32; Range: 3.0 to 2.5 cm (= core depth of 15.5 to 16.0 cm)**

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Marking interval boundaries: Went well

Clast A+ B was retrieved that fell during dissection and sieving process in last interval.

Start scooping W-wall, soil is super loose and collapsing, the grain size is mixed (fine and coarse) similar to previous intervals. Lots of small clods in the area. Something is underneath the plate level that protrudes into Pass 3 half way between W-side and NS-line.

NS-line is the same, mix of grain sizes. Large clod encountered in this area. Going past NS-line towards E, something is protruding from Pass 3 into this pass at plate level, just E of NS-line. Scooping behind this protruding clast. Clast C is located just above this protruding clast (#1412) half way between surface and plate level. Soil is still very loose and mixed in grain sizes.

Another large clast (=Clast D) a few mm below surface level E of clast C just fell out. Soil behind clast D is very loose. Going towards E-edge the grain size is getting finer but E-side is collapsing. There seems to be a clod (E of clast D) that extends into interval 33 (# 1414).

**N-E:**

Breaking protruding clast in half. Then cleaning up E-edge. At E-edge, soil is still finer grained.

Sieving:

Clast A-D sieved individually, poked, and placed into Al-cup with tweezers and weighed.

Soil was sieved, a little bit more sticky than last interval, sticks to the sides a bit. Lots of clasts it seems. Tapping of clasts with tweezers in sieve to determine if soil clods. Clasts transferred onto Teflon lid with tweezers. Sorted into fraction. Then clasts transferred into container (or Al-cups if named clasts) and weighed.

Full core with colored bar recorded (# 1415, 1417, 1435, 1437,1438, 1440-1442, 1444, 1445)

Clasts:

4-10 fraction: Clast A: rounded, Clast B-D subrounded and edgy, Clast B seems to have a few white patches

2-4 fraction: subrounded to edgy, one clast is quite white or at least has white patches, one clast is very dark gray

1-2 fraction: Subrounded to edgy, a few are very dark and have black patches, one clast is white light gray/white-ish

**SAMPLE INFO (# 1419-1423, 1425, 1427, 1429-1433)**

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight (g)	New generic (73002,xxxx)
>10	-				
4-10	4	0.384 (calc)	9_22774		,1121
2-4	11	0.119	9_22775	16.023	,1122
1-2	33	0.105	9_22776	16.327	,1123
<1	finest	2.634 (calc)	9_22773	18.499	,1120

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

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.068
4-10	B	0.090
4-10	C	0.085
4-10	D	0.141