

04/30/2021

Pass 3 Interval 34 Interval-Range: 2.0cm – 1.5cm Core depth: 16.5 – 17.0 cm
(below surface)

People present in lab: Charis, Juliane

Note: Pass 3 is not sieved. Pouring Al-cup content into container at beginning that fell at the start of pass 3 that we saved until now.

Marking: W-side moves a bit during marking but overall this interval appears less collapse. E-side seems more fragile.

N-W:

Scooping W-side. Soil at plate level is loose and fine grained at W-edge. Massive clod at W-edge, comes out in one big chunk. Soil underneath is very loose. Moving towards NS-line soil gets more cohesive at plate level. Surface keeps breaking in large chunks though. 1st half on W-side basically comes apart in three large chunks/clods. 2nd half very loose and cloddy, NS-line collapses and reveals a 4-10mm sized clast half way between surface and plate level. Another 4-10mm sized clasts just slightly W of NS-line in collapse. Plate level soil is more cohesive. Moving slightly E of NS-line surface continues to break in chunks, a bit smaller chunks though. Large clods within center parts. Grain size is fine with clods similar to W-side.

A large clast is protruding from interval 35 at about half mark between NS-line and E-side. Plate level soil continues to be very cohesive.

N-E:

Clean up collapse. Big clod encountered at E-edge. Soil is loose, a few 1-2mm clasts present but the closer we get to plate level the finer grained the soil becomes and 1-2mm clasts disappear. At plate level soil is very cohesive. 2-4mm sized clast at plate level encountered. Soil around it is very loose.

NOTE: the more cohesive soil gets the heavier (more mass) the total sample weight becomes.

Soil dumped into container and weighed.

SAMPLE INFO (#...)

Fraction (mm)	Particles and name	Container #	Empty container wt [g]	Sample wt (g)	Gross-weight (g)	New generic (73002,xxx)
Bulk soil	Interval 34	9-20345	16.265	3.520	19.787	,2045