

04/30/2021

Pass 3 Interval 32 Interval-Range: 3.0cm – 2.5cm Core depth: 15.5 – 16.0 cm
(below surface)

People present in lab: Charis, Juliane

Note: Pass 3 is not sieved.

Marking: E-side cascaded down during marking.

N-W:

Starting on W-side. Clean up collapse. Anorthositic(?) clast (=white) encountered near plate level. Soil is very loose, very fine grained, and cloddy. Soil becomes cohesive around plate and at quarter mark towards N-S line. Surface material breaks apart in chunks. Hardly any clasts on W-side, but lots of clods.

Cohesiveness at plate level continues to NS-line. Going E past NS-line, soil continues to break in chunks, but smaller chunks than on W-side. The closer we are getting towards the clast that protrudes from pass 4 (called DBAC/Jim) the soil gets loose, especially behind the clast and below it. E-side surface level keeps cascading down DBAC. Cross section interval wall is pretty cohesive though.

A few 1-2mm clasts exist behind the DBAC. The large clast just E of the NS-line is 9mm in size (too bad!!) and thus will not be kept for XCT scanning.

Scooping behind DBAC, the soil becomes super loose, the clods are smaller in size and a lot more 1-2mm clasts are present.

N-E:

Clean up collapses, lots of small clods are present. Soil is very super loose and interval 33 collapsed into this interval (keeping it separate). Grain size of the soil is a mixture of fine and coarse and small clasts (<1mm). Scooping behind DBAC a 2-4mm sized clast is present right behind the DBAC (just E of DBAC). Soil gets a bit more cohesive at the cross section wall to interval 33 at the quarter mark towards the NS-line.

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 32	9-20343	16.257	3.393	19.653	,2043