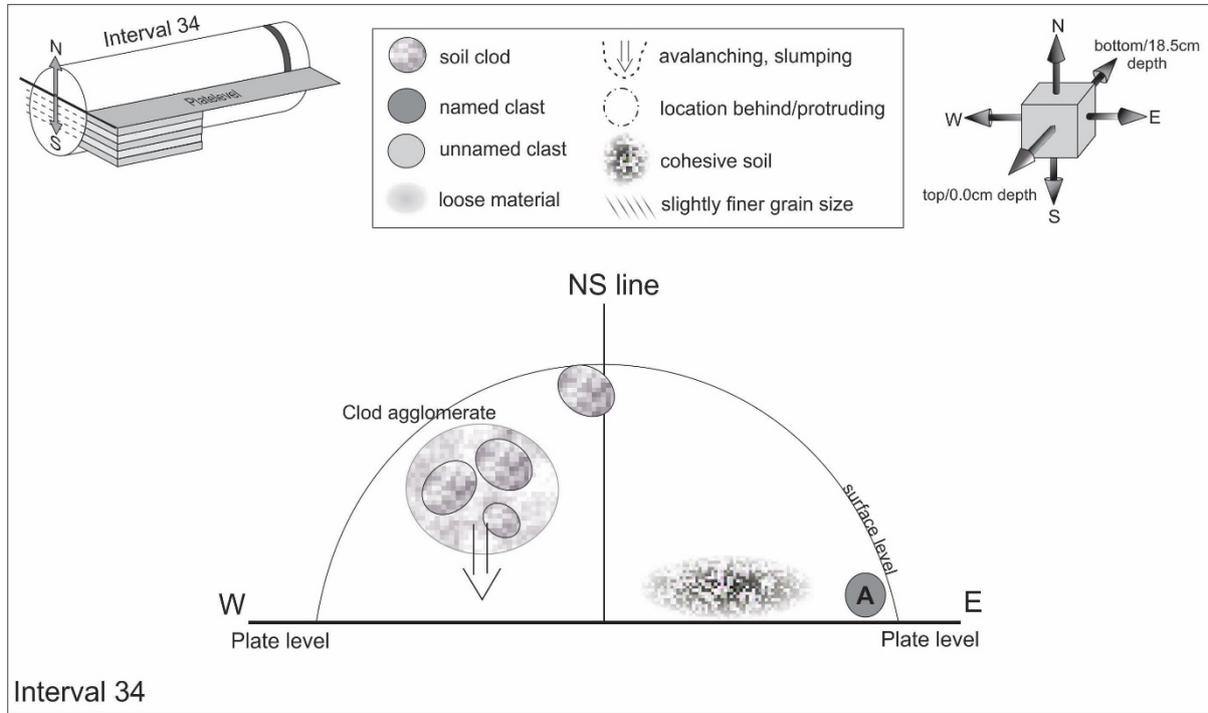


02.20.2020 morning

Pass 1 Interval 34 Interval-Range: 2.0-1.5 cm Core depth: 16.5 – 17.0 cm (below surface)

People present in lab: Charis, Juliane, Andrea



During marking interval boundaries: loose like yesterday but more firm than the intervals before that. At N there seems to be clods/clasts under the surface (#9998).

#### N-W:

Started scooping at Western tip, very loose (#0001), clast and clod rich (1-2mm and 204mm fractions), more coherent than yesterday (interval 33) but just a wee-bit, because the marks from the marking are more prevalent and can be seen more easily compared to yesterday where they slumped more.

Large clod falls W of NS-line (#0002). Then the whole W side (W of NS-line) of the face-wall caves in. The clod contains lots of smaller clods (from 2.0-1.5cm core lengths). The material is very loose here.

At NS-line material is more coherent.

E of NS-line the material is very cloddy, much more coherent than W-tip. The cloddy material is small (1-2mm and 2-4mm size fraction).

Scooping even further E, E side is much more coherent. The soil has to be scrapped loose rather than it collapsing like before.

Something big at NS-line can be felt that extends into next interval.

**N-E:**

Started scooping from Eastern tip. Soil is loos just like the W-tip.

Clast A (4mm) is encountered at E tip at plate level at 1.9-1.5mm core length (#0019). Small clods, mostly at E-tip are also encountered here. Going W-wards more clods here, but once moving past E-tip soil gets more cohesive again and soil must be scrapped loose (#0011).

Sieving:

Soil was sieved, very easy, sticks to the sides a bit but vast majority very easy to sieve (#0017).

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Clasts are mostly angular, but friable, seem to shatter when picked up. Very few clasts in total.

One of the clasts is 4mm = Clast A; transferred to Al-cup with tweezers and weighed, then back to Teflon lid for photographing.

Full core with colored bar recorded (#0028, 0029, 0031, 0036, 0039, 0040, 0043)

Clasts (#0022, 0025, 0037, 0038):

4-10 fraction: 1 clast = Clast A: rounded

2-4 fraction: angular, some sharp edges

1-2 fraction: angular with some sharp edges. One clast is a bit darker.

**SAMPLE INFO** (#0022, 0025, 0037, 0038):

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	1	0.049	9_22639	
2-4	9	0.097	9_22640	16.009
1-2	7	0.025	9_22641	16.098
<1 fines		1.973 (calc)	9_22638	18.747

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.049

Clast A = 73002,143