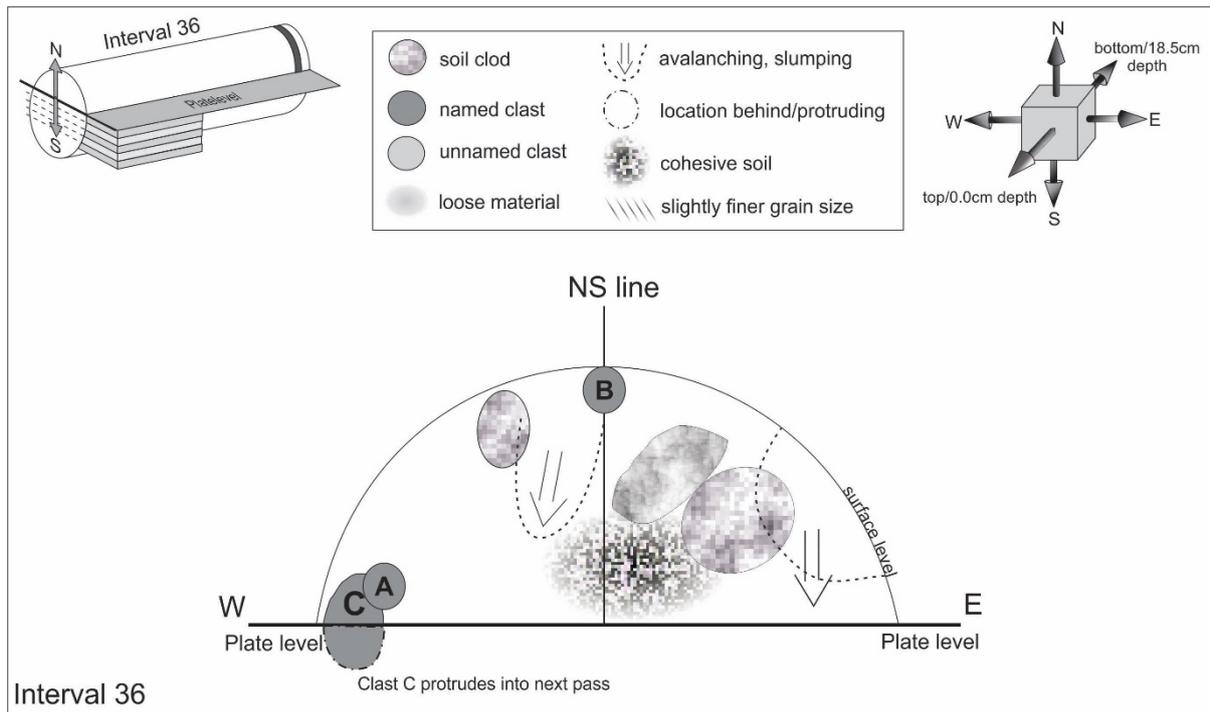


02.20.2020 afternoon

Pass 1 Interval 36 Interval-Range: 1.0 cm – rest cm Core depth: 17.5 – 18.5 cm (below surface)

Note: this interval goes from 17.5cm core depth till the end. But because material was removed from the bottom of the core for organic material when the core was first opened, thus, this interval does not span 1cm, rather 0.5cm plus what was left after taking the organic sample.

People present in lab: Charis, Juliane, Andrea, Ryan



No marking necessary, since this is the last interval.

#### N-W:

Started scooping at Western tip, material gets pushed beyond 0.5-0cm core length. Soil very loose (#0093). Scooping E to N. Very cloddy again, very loose. Cleaning up avalanches that fell from last interval. Lots of 2-4mm clasts.

Clasts A encountered at 1-2mm above plate level and WWN. Another clast encountered at W-tip at 0.5cm core length, that extends into pass 2. Soil is still very very loose here. Lots of collapsing and avalanching but feels like digging through pebbles rather than soil.

Bit more cohesive as NS-line is approached. At NS-line at end of interval below surface Clast B is encountered (~4.2mm in size). Soil is a bit more coherent at NS-line. 2 massive clods are encountered E of NS-line.

Scooping beyond NS-line into E, soil not coherent at all.

**N-E:**

Started scooping from Eastern tip. Soil is super loose. Going W and E, to clean up last bits of soil here.

At the end, decided to pull out clast at W tip at 0.0cm core length = Clast C (~7mm in size), very round. Left huge cavity in pass 2 (#0095, 0097, 0101).

Sieving:

First clast A+B+C were sieved individually, weighed, then transferred to Teflon lid with tweezers.

Then, soil was sieved, very easy, not sticking to sides this time. Lots of clasts this time.

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction.

Full core with colored bar recorded (#0112, 0114, 0125, 0126)

Clasts:

4-10 fraction: 3 clast = Clast A: subangular to subrounded, almost shaped like a triangle; Clast B: subrounded; Clast C: rounded with one sharp edge, largest of all three clasts

2-4 fraction: subangular to subrounded, some clast have patchy black (glassy?) coatings.

1-2 fraction: mostly subangular, some clasts are very rounded. Some clasts have white patches, one clast is almost black, the rest gray except one clast that is a bit lighter gray than the others.

**SAMPLE INFO** (#0105, 0115, 0117, 0118, 0121)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	3	0.251 (calc)	9_22647	
2-4	18	0.121	9_22648	16.342
1-2	19	0.036	9_22649	16.250
<1 fines		2.624 (calc)	9_22646	18.789

Fraction (mm)	Clast Name	Mass (g)		
4-10	A	0.052		
4-10	B	0.040		
4-10	C	0.159		

Juliane wins both guessing games of weights for clast C and fines!!! Andrea and Ryan loose :-)