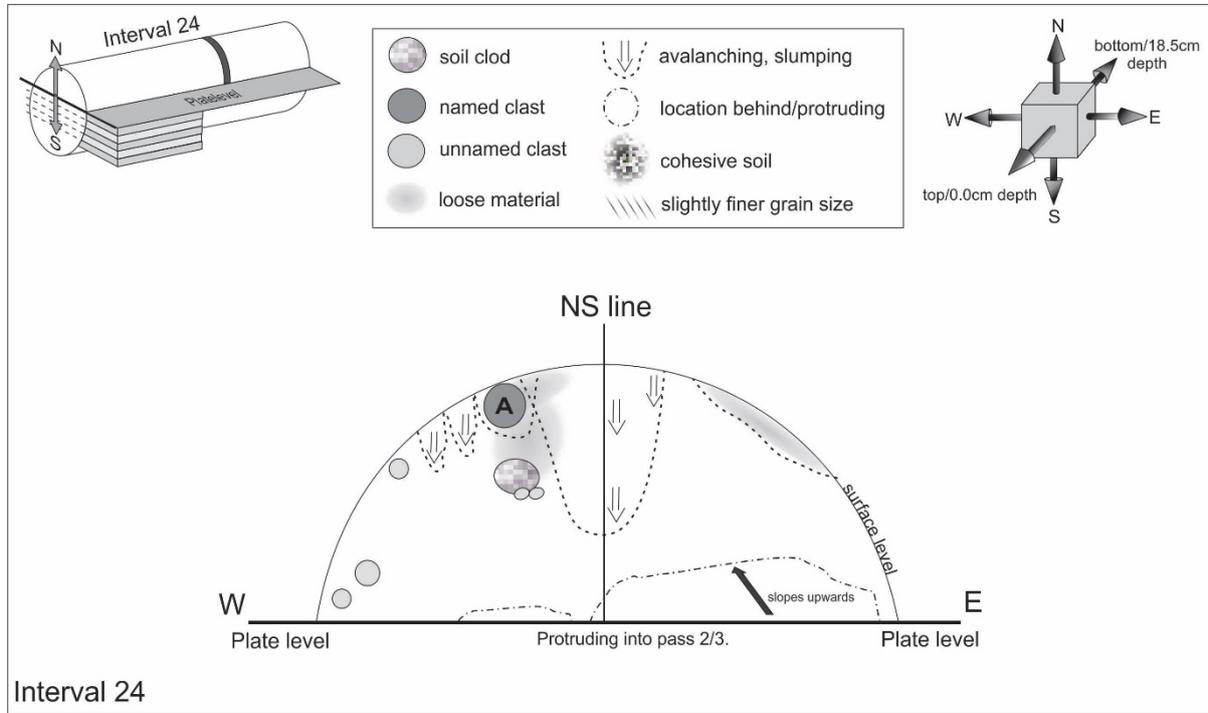


01.30.2020 afternoon

Pass 1 Interval 24 Interval-Range: 7.0-6.5 cm Core depth: 11.5 – 12.0 cm (below surface)

People present in lab: Charis, Juliane, Natalie, Cato, Andrea



During marking interval boundaries (#7955): Collapse at WNW and from the area around the NS-line; East side is very loose but didn't collapse like W but moved around the NNE side.

N-W:

Started scooping at Western tip, very loose soil, a few small 2-4mm clasts encountered here.

More collapse from N surface NS-line. Just W of NS-line large material comes out with a huge clast = Clast A (#7977, 7978, 7979, 7980, 7983). Clast seems friable, feels like chips could easily come off.

Scooping more at W, wall seems very loose, material under location of clast A is very loose.

More material falls from NS-line on both sides down

Just W of NS-line at plate level something hard can be felt under the surface, sticks out 1-2mm above plate level. Seems like some as interval 23. Seems to slope up into surface at plate level towards bottom of core (into the cross-section interface).

N-E:

Started scooping from Eastern tip. Obstacle still noticeable that we have encountered over the last few intervals. This obstacle is taking up half of E-side, rising up half way up cross section interface, ramping up into next interval, half way up the cross-section interface feels

like a ledge or shelf which seems to stem from obstacle/part of obstacle. This “thing” takes up a lot of the volume of the interval (#8081).

Sieving:

Clast A was sieved individually and then placed Al-cups (# 8093, 8096). Feels lighter than other large clasts

Next soil was sieved, it is very easy, not sticky (#8098, 8102).

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sort into fraction, added clast A.

Full core with colored bar recorded (#8117, 8119, 8149, 8156, 8182)

SAMPLE INFO (#8172; 8127; 8132; 8134; 8140; 8194; 8204; 8217)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-			
4-10	1	0.133	9_22602	
2-4	4	0.094	9_22603	16.380
1-2	13	0.050	9_22604	15.588
<1 fines		1.198 (calc)	9_22601	17.145

Fraction	Name	Mass (g)
4-10	Clast A	0.133