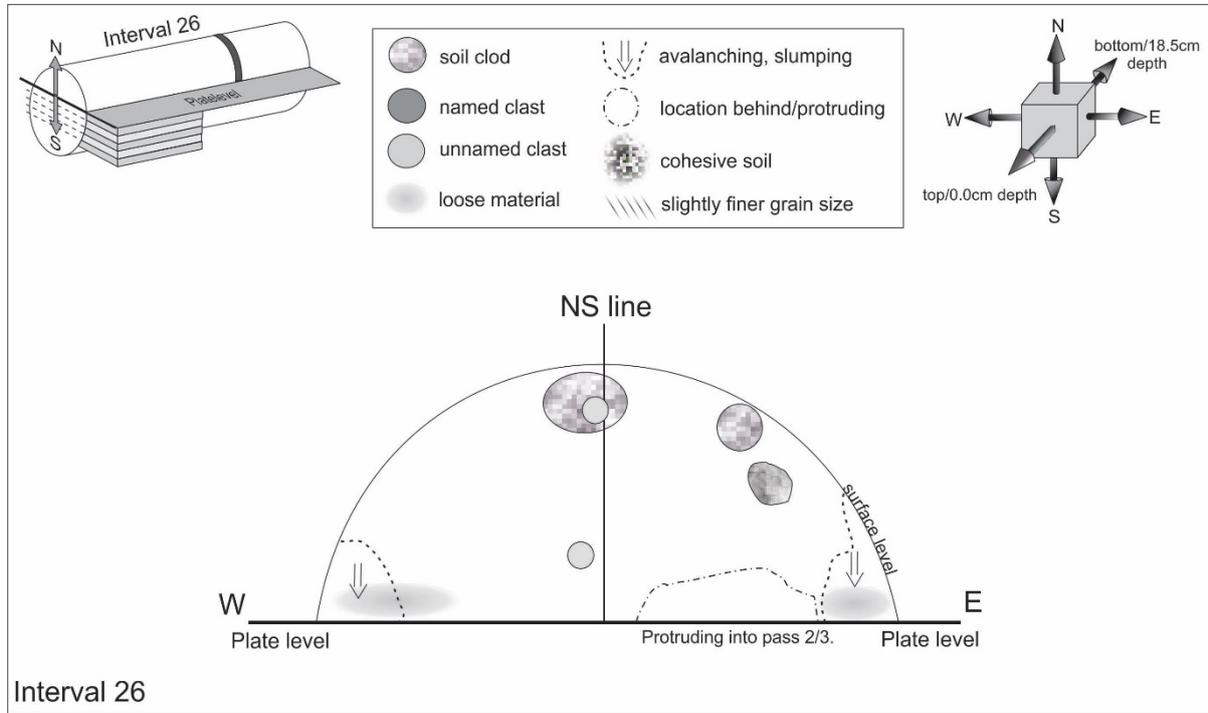


02.11.2020 afternoon

Pass 1 Interval 27 Interval-Range: 5.5-5.0 cm Core depth: 13.0 – 13.5 cm (below surface)

People present in lab: Charis, Juliane, Andrea, Michelle, James



During marking interval boundaries (#8586): hard obstacle at ENE right under surface close to plate level, otherwise very loose soil, same as interval 26.

N-W:

Started scooping at Western tip, moving towards N, then continued E towards N. Scooping at W tip, just as loose as interval 26. Mild collapsing at Western edge. Several clods at W side, more than interval 26, might be more coherent (speculative).

Large clod encountered at NW at half way between surface and plate level, starts at 5.3 and extends to 5.0 W of NS-line (#8603). Took out with scoop, broke apart while tapping on dust pan, revealed large clast on the inside = Clast A. Transferred to Al-cup (#8606, 8608).

Large clast encountered at NS-line at surface from 5.5 – 5.0cm core; extends 4-5mm down S from surface (#8635); transfer to Al-cup with tweezers (= Clast B) (#8643; 8646).

Continue scooping, soil still very loose, same as interval 26. Small caving at NS line near plate level.

N-E:

Started scooping from Eastern tip. Material feels. After about 4-5mm towards W at plate level, hard obstacle underneath the surface is encountered. Extends from 5.5 -5.0 and most likely into next interval. Difficult to scoop at plate level, might be another BAC (?) (#8692)

N-W:

Scooping from plate level E of NS-line to clean up material, very loose soil here. Tapping on hard material that was encountered on E side at plate level, felt very consolidated.

Sieving:

Clast A and B were sieved individually and then placed on Teflon lid with tweezers (#8676; 8678).

Soil was sieved, a bit more sticky than interval 26 (#8681; 8685).

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 (#8712; 8713; 8719; 8718; 8726; 8724)

4-10 fraction: 2 clasts; Clast A: angular, has a particle/clast/grain that highly reflects light; Clast B: more rounded/subrounded, much larger

2-4 fraction: subangular, some have black coating on some sides; one irregular shape

1-2 fraction: subangular

SAMPLE INFO (#8728; 8733; 8735; 8736; 8739; 8741; 8750)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	2	0.216 (calc)	9_22612	
2-4	5	0.060	9_22613	16.651
1-2	18	0.050	9_22614	15.845
<1 fines		2.055 (calc)	9_22611	18.149

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.082
4-10	B	0.134