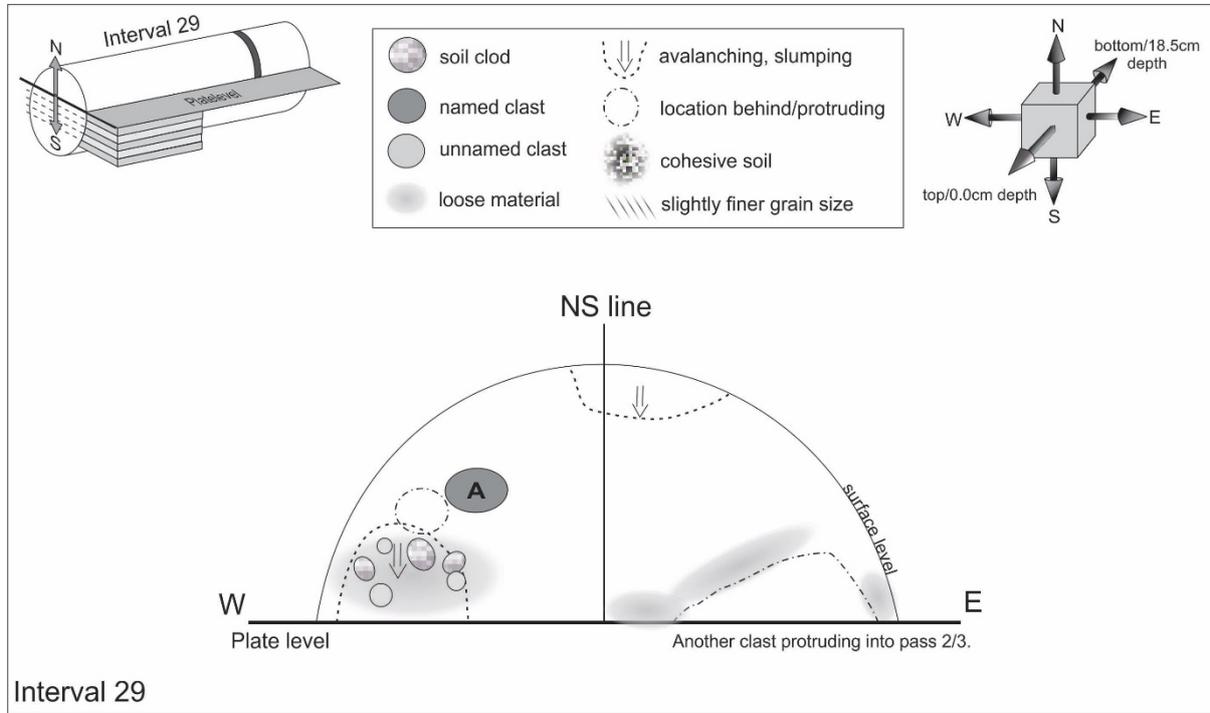


02.13.2020 morning

Pass 1 Interval 29 Interval-Range: 4.5 - 4.0 cm Core depth: 14.0 – 14.5 cm (below surface)

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



During marking interval boundaries (#9041): very loose, on E-side at 4.0 mark something below surface at NNE close to NS-line, felt resistance.

#### N-W:

Before scooping, removal of clast that fell during the end of last interval (28) = Clast A; 6mm measured on scale bar of core length (#9030, 9032). Transferred with tweezers to Al-cup (#9045).

Started scooping at Western tip, very loose, similar to interval 28. Lost of collapsing during scooping, soil just falling apart. Some clods and clasts in 1-2 mm and 2-4 mm size fractions (#9053).

Scooping from plate level towards N and NS-line. Material felt looser in this section than in interval 28. BSAC encountered and soil around it is very loose (#9058).

#### N-E:

Started scooping from Eastern tip. Material feels very loose while scooping around BASC. Scooping around back side of BASC now, which has a very steep slope down towards plate level. Appears to continue into the next interval underneath the surface.

**N-W:**

Cleaning up with a few scoops to clear material.

This interval was dissected 2-3mm below plate level near the area of the BASC (#9264).

Sieving:

Clast A was sieved individually and then placed back on Al-cup with tweezers and weight. Teflon lid with tweezers (#9079, 9086).

Soil was sieved, a bit more sticky than interval 28 but still very easy to sieve (#9091). Soil is very static, stickiness from that?

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Lots of 2-4mm sized clasts. Found another 4-10mm fraction clast = Clast B. Was transferred to Al-cup with tweezers and weight. Then clast A and B were moved into Teflon lid and sorted into size fractions.

Full core with colored bar recorded (#9103, 9110, 9129, 9145, 9149, 9184, 9195, 9199, 9206)

Clasts: most are homogeneously gray in color.

4-10 fraction: 2 clasts; Clast A: rounded to subrounded; Clast B: subrounded with an angular tip. Might have some black patches in one area.

2-4 fraction: mostly rounded to subrounded, 1-2 subangular clasts. Some seems to have either some patchy black spots or vesicles.

1-2 fraction: majority is rounded, a few are angular. Some have patchy black coatings in some areas. One clast is very black-ish.

**SAMPLE INFO** (#9160, 9164, 9173, 9183, 9212, 9222, 9223, 9231)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	2	0.151 (calc)	9_22620	
2-4	8	0.168	9_22621	16.118
1-2	21	0.073	9_22622	16.326
<1 fines		2.227 (calc)	9_22619	18.286

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.112
4-10	B	0.039