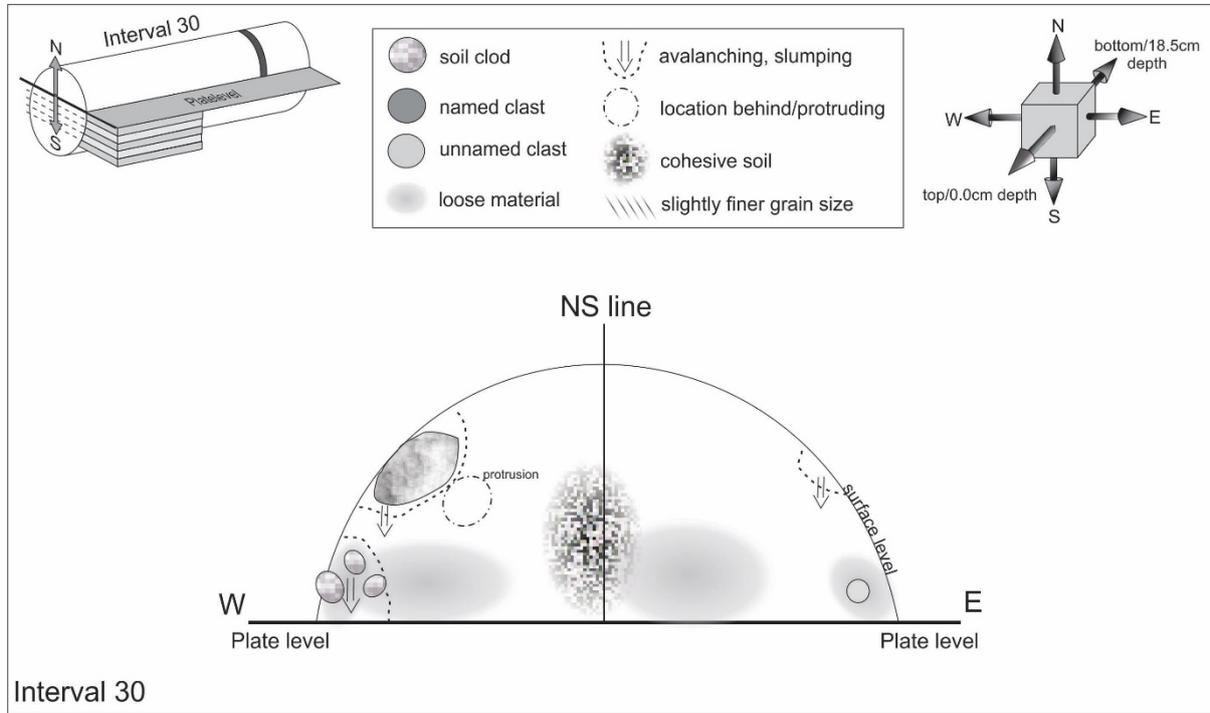


02.13.2020 afternoon

Pass 1 Interval 30 Interval-Range: 4.0 – 3.5 cm Core depth: 14.5 – 15.0 cm (below surface)

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



During marking interval boundaries (#9274): very very loose, similar to interval 29. E corner very loose, about to collapse.

N-W:

Started scooping at Western tip, very loose, several clods, collapsing from W-edge. Tried to stay at plate level (not scoop below) but difficult because it is so loose (#9292, 9298). Collapsing from NW surface which turned out to be a clod (#9306). Scooping from plate level towards surface and NS-line. Approaching NS-line soil became slightly more cohesive. Less loose than interval 29, less collapsing, only in small portions. Small overhangs developed when scooping below surface. Once E side of NS-line was reached, soil loose again.

N-E:

Started scooping from Eastern tip (#9316). Material feels very very loose. Small clast near E-edge (~2-4mm size fraction). BASC does not extend into this interval above plate level. Only small 2-4mm clasts encountered during scooping of NW side.

N-W:

Finish scooping with clean-up.

Sieving:

Soil was sieved, a bit more sticky similar to interval 29 but more sticky than 28, but still very easy (#9331, 9340).

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. One clast was 5mm, transferred to Teflon lid with tweezers. Sorted into fraction size. Transferred clast A into Al-cup and weighed (#9350).

Full core with colored bar recorded (#9363, 9367, 9371, 9378, 9421, 9433, 9434, 9443)

Clasts:

4-10 fraction: 1 clast; Clast A: angular and irregularly shaped, some black coating visible

2-4 fraction: subrounded mostly, 2-3 sub-angular clasts present. One clast vesicular, one with some patchy black coating (could also be vesicles instead).

1-2 fraction: mostly angular. One anorthosite!!! (white clast! SO WHITE) it is rounded. Some other angular clasts have patchy black coatings.

SAMPLE INFO (#9394, 9397, 9402, 9406, 9449, 9455, 9458, 9465)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	1	0.040	9_22624	
2-4	7	0.086	9_22625	15.933
1-2	22	0.081	9_22626	16.391
<1 fines		1.913 (calc)	9_22623	18.222

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.040