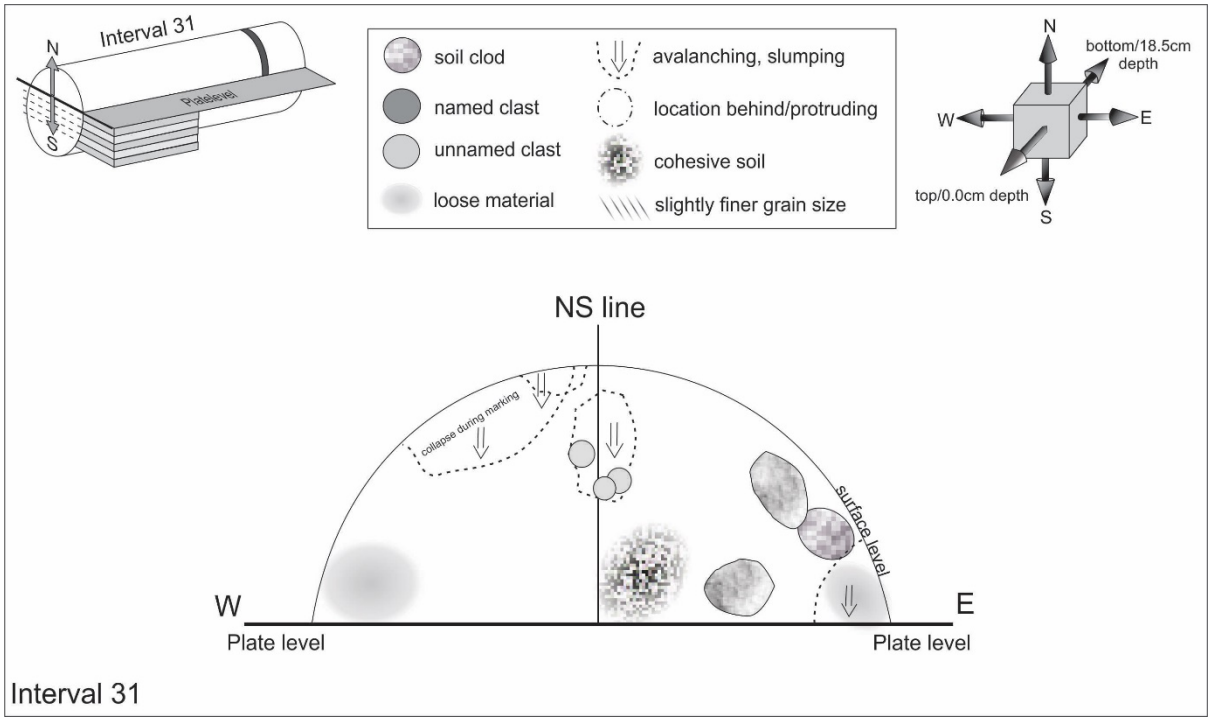
02.13.2020 afternoon

Pass 1 Interval 31 Interval-Range: 3.5 – 3.0 cm Core depth: 15.0 – 15.5 cm (below surface)

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



During marking interval boundaries (#9475): NW from surface collapsing during marking. Very loose soil on E side.

N-W:

Cleaned up material that collapsed during marking.

Started scooping at Western tip, very loose. Scooping from plate level towards surface and NS-line. Approaching NS-line, still very loose, as soon as the spatula comes in contact with wall it collapses (#9486). Some 2-4mm clasts, maybe some 4-10 mm encountered at the NS-line. Scooping at W of NS-line. Removal of big clod at E slightly above plate level at ENE.

N-E:

Started scooping from Eastern tip. Collapsing as soon as spatula comes in contact with material. Scoop from plate level up towards surface. On E side the soil is coming loose as clods rather than fine grains, more clodded here. Still pretty loose but more cohesive towards NS-line compared to E-tip.

When leaving the core-room it was noted that a larger clast/clod fell out of the core sometime after sieving and photographing.

Sieving:

Soil was sieved, much more sticky than previous intervals; sticking to the side to the sieves (#9504).

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Average size of clasts much larger than previous intervals. Some grains are very angular compared to the rounded grains from previous intervals. Several clasts are stick between the sieve-grid, pocked thought into fines with tweezers.

One of the clasts is 5mm = Clast A; transferred to Al-cup with tweezers and weighed, then back to Teflon lid for photographing.

Full core with colored bar recorded (#9508, 9516, 9530, 9532, 9569, 9582, 9581)

Clasts:

4-10 fraction: 1 clast = Clast A: very angular

2-4 fraction: very angular, 2 subrounded clasts. Some have black coatings, one clast seems very vesicular.

1-2 fraction: mostly angular clasts, some with patchy black coating, some sub-rounded clasts also present.

SAMPLE INFO (#9537, 9549, 9561, 9601, 9610, 9617, 9622, 9624)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	1	0.053	9_22628	
2-4	8	0.127	9_22629	16.353
1-2	19	0.060	9_22630	16.299
<1 fines		2.283 (calc)	9_22627	18.449

Fraction (mm)	Clast Name	Mass (g)
4-10	A	0.053