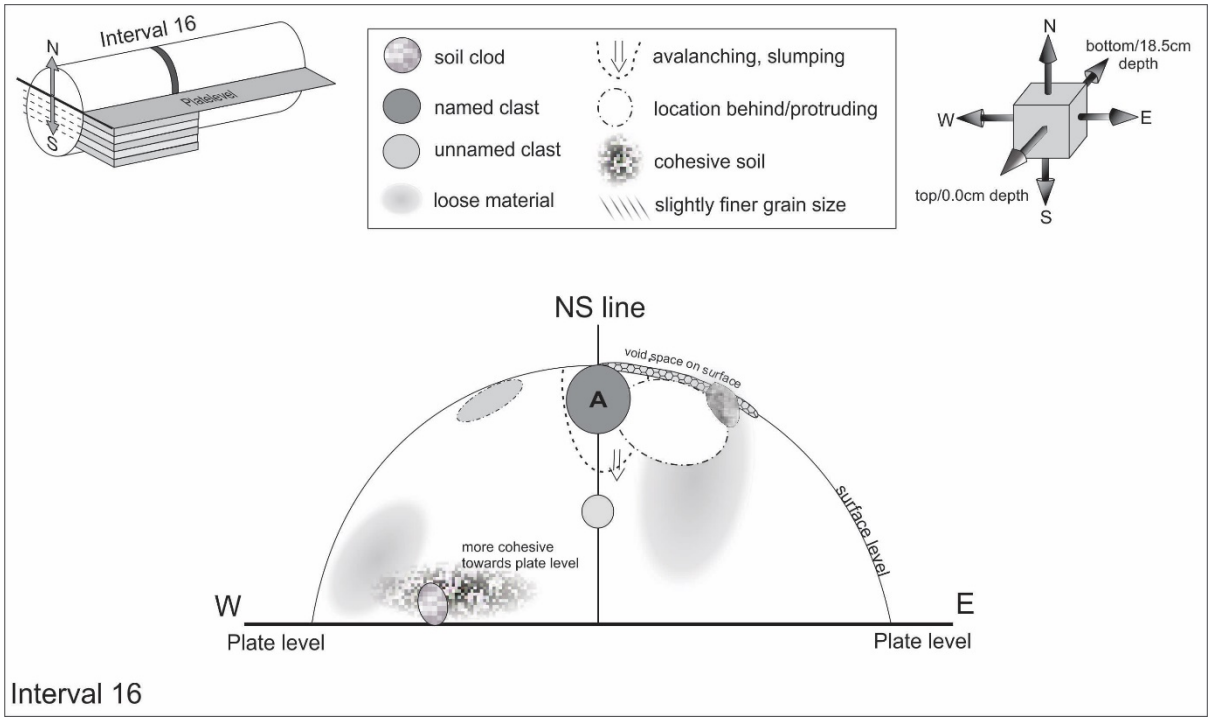
01.14.2020 Afternoon

Pass 1 Interval 16 Interval-Range: 11.0 to 10.5 cm Core depth: 7.5 – 8.0 cm (below surface)

People present in lab: Andrea, Charis, Danielle, Mason



Started with marking interval boundary. Noticeable void space on N-surface towards E from 10.5-9.6.

At 10.5 boundary on NE area N-surface a clast/clod was encountered during marking (stayed in).

Avalanching/slumping at NS line occurred during marking process. Fallen material was collected first before dissection started.

N-W:

Started scooping at W corner, the N-surface seems loose, but gets more cohesive towards plate level. Scooping moving NE towards NS-line, might be clast/clod at 11.0, right below plate level (note for Pass2).

Small clasts and clods were encountered during scooping process.

Clast fell out from 10.5 on NS-line right at N-surface = **Clast A**. Angular/triangular shape, light-ish gray (#6172, 6173, 6196).

Large clast/clod was encountered E of NS-line at 10.7-10.8 intruding into interval 17 (left in place for interval 17) at N-surface (#6190,6193).

Clast/clod fell from next interval 17, was located right behind clast A at N-surface/edge. Was placed in Al-cup for next interval (might be a numbered clast from interval 17) (#6174).

Now scooping past NS-line towards E: Soil is homogenous so far.

N-E: scooping from E corner towards NW (#6183, 6184).

Clods encountered, one fell from N-surface, at NE (#6186). Very loose material in NW towards N-surface, could be related to surface void space that runs from 10.5-9.6cm.

Sieving the clast A on its own and then fines etc. Clast A still light gray in color even after de-dusting.

Fines: soil is a little clingy but not as bad as last interval. Clasts/clods were pocked with tweezer. About ~1/4 turned out to be clods not clasts.

Remaining clasts were picked out with tweezers and laid out on Teflon lid and sorted into size fractions. Fines were transferred into sieve.

SAMPLE INFO (#6200, 6206, 6209, 6215, 6221, 6230)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-	-	
4-10	1	0.065	9_22572	
2-4	12	0.124	9_22573	16.329
1-2	14	0.031	9_22574	16.308
<1 fines		1.916	9_22571	17.756

Fraction	Name	Mass (g)
4-10	A	0.065

Full core images with colored bar (#6197, 6198, 6210, 6213, 6226)