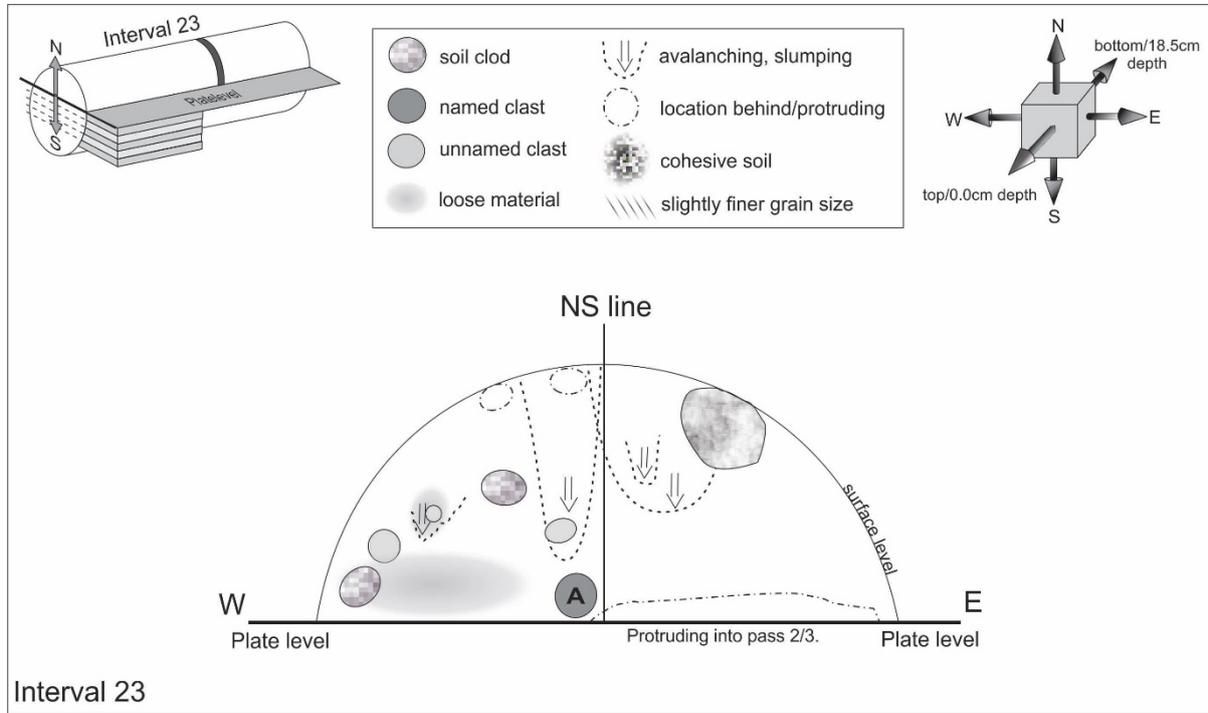


01.30.2020 morning

Pass 1 Interval 23 Interval-Range: 7.5-7.0 cm Core depth: 11.0 – 11.5 cm (below surface)

People present in lab: Charis, Juliane, Natalie, Cato, Andrea



During marking interval boundaries (#7641): Very loose; Just NNW something under the surface could be felt, which extends into the next interval. Material moved during marking. East side slightly more cohesive during marking, but not by much. Soil only moved and not collapsed like it did on the west side.

N-W:

Cleaned up material from slumped soil that came down during marking from the NNW surface area (#7643). While cleaning that up, large clast fell out (Clast A), which left a cavity that was encountered west of NS-line half way up towards surface area (#7649, 7650, 7652). Clast A, relatively light gray in color, placed in Al-cup (#7664).

Starting to scoop at western tip. Very loose, some nice larger clods, and possibly 2-4mm clasts. Lots of material is falling during scooping from WNW surface down to plate level. Again, very, very loose. Some material starts slumping that comes from the next interval, trying the best to not disturb it but western side keeps collapsing (#7689). Lots more clods that keep coming out. Collapsing from NNW surface. A few mm down from NNW surface an interesting clod is encountered but was really hard (#7694, 7698). Lost of material from NS-line collapsed.

Around NNW surface something hard was felt but it seems to belong to the next interval → worked around it (is clast A in interval 24)

N-E:

Started scooping from Eastern tip. Very loose soil but slightly more cohesive than west. Still cloddy material here but not quite as large than the ones on the west side. About 3mm going west from E the obstacle/clast under surface can be felt. It sticks out 2mm above plate level, still feels like going up a ramp, worked around it (#7792, 7798).

Huge clod in NNE surface area encountered, large collapse from NS-line occurred. Lot of collapses from NNE surface area happen and fall onto plate level (#7747, 7748).

Sieving:

Clast A was sieved individually and then placed Al-cups (#7813, 7814).

Next soil was sieved, it is very easy, much easier than the last few days. Some clods (#7824, 7831).

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sort into fraction, added clast A.

Full core with colored bar recorded (##7839, 7852, 7857, 7880, 7882, 7903)

4-10 fraction: Clast A = very angular/almost triangular and elongated (“mouse poop”), has little black bits or vesicles

Clasts: 2-4 fraction: mostly subrounded, 1-2 subangular, some has black spots/glass coatings.

1-2 fraction: mixture of subangular and subrounded, one has a glass coating that sparkles → agglutinate? Some other have black bits as well.

SAMPLE INFO (#7844, 7859, 7866, 7872, 7898, 7920, 7927)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	1	0.047	9_22598	
2-4	8	0.124	9_22599	16.414
1-2	15	0.048	9_22600	16.275
<1 fines		1.556 (calc)	9_22597	17.833

Fraction	Name	Mass (g)
4-10	Clast A	0.047