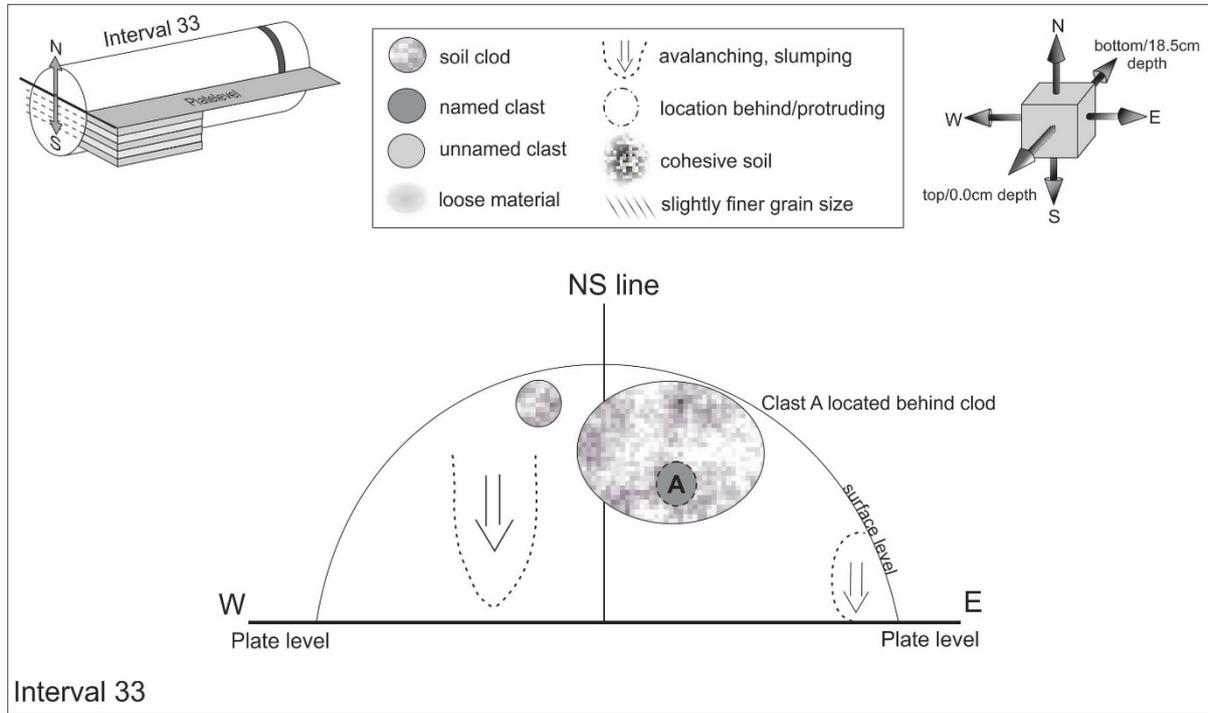


02.19.2020 morning

Pass 1 Interval 33 Interval-Range: 2.5 - 2.0 cm Core depth: 16.0 – 16.5 cm (below surface)

People present in lab: Charis, Juliane, Andrea



During marking interval boundaries (#9895): very loose on E side but not as loose as last interval.

N-W:

Started scooping at Western tip. W tip revealed clast 2-4mm in size, super shiny, and looking like a three-sided pyramid. Soil is very loose but mostly cloddy not grainy, but the clods/clumps are smaller than in previous interval (32) (#9901).

Scooping towards E from plate level to Surface and N. Slightly to E of W tip another clast was encountered, this one has some dark gray soil sticking on it.

Soil continues to be cloddy but cross section wall holds up ok, more cohesive than past intervals but still loose.

Some avalanching occurs closer to the NS-line that contains some 1-2 and 2-4mm sized clasts/clods, and some bigger clods (#9903).

Encountered massive clod at NS-line that goes over to E side. This clod took a huge chunk out of the interval (#9907, 9908). Nothing was inside the clod though. Clast A was found right behind it (#9912, 9918).

Soil continues to be loose and cloddy.

N-E:

Started scooping from Eastern tip at plate level going N and W. Material very loose, some collapsing and avalanching, a few little clasts/clods just like on the W side.

Sieving:

Soil was sieved, very loose but not “loosy goosy”.

Tapping of clasts with tweezers in sieve to determine if soil clods. Then transfer of clasts into Teflon lid with tweezers. Sorted into fraction. Only a few 2-4 mm clasts but plenty 1-2mm clasts. Sorted into fraction size. (#9963, 9968, 9972, 9977, 9984, 9987, 9992).

Full core with colored bar recorded (#9924, 9934, 9943, 9955, 9957).

Clasts:

4-10 fraction: angular, light gray

2-4 fraction: angular to subangular. One clast very angular and back, some have glass coatings

1-2 fraction: rounded to subrounded, some are angular. A few have white patches, some have black coatings.

SAMPLE INFO (#9963, 9968, 9972, 9977, 9984, 9987, 9992).

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-		
4-10	1 (A)	0.0530	9_22635	16.360
2-4	9	0.1420	9_22636	16.0360
1-2	30	0.1280	9_22637	16.2510
<1 fines		2.1310 (calc)	9_22634	17.8700