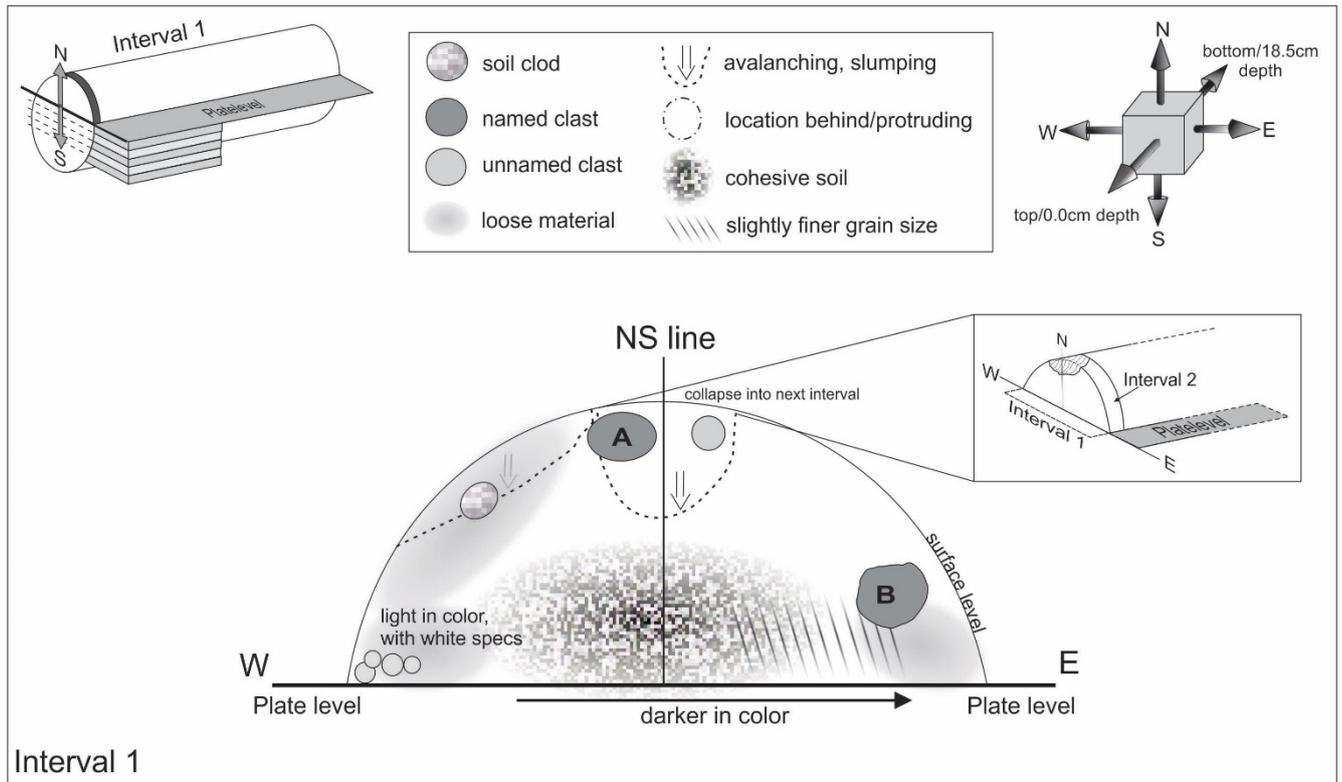


12.02.2019 and 12.03.2019

Pass 1 Interval 1 Interval-Range: 18.5 to 18.0 cm Core depth: 0.0 – 0.5cm (below surface)

People present in lab: Andrea, Charis, Cari, Juliane, Francesca



Started at N. Instantly noted how loosely consolidated the soil is, which easily falls apart (#0892).

Small clod removed from NW at 18.5 to 18.2 cm, which later disaggregated to soil.

Small cluster of tiny clasts on W side that noted as feeling more “clasty” than “soily” correspond to the light area on W side (#0901). This area disappears when moving eastward.

Moving eastward material becomes more cohesive and clod-like.

Clast at ENE crosses boundary of lighter and darker regions and extends between 18.0 and 17.8 cm. Clast is removed as one piece but rolls in the process so original orientation not captured during dissection → Clast B (#0949).

White speckled area at west side plate level gets more compacted as moving eastwards and from north to south.

Clast at due N at 18.5 cm mark rolls out towards the west → Clast A. (#0918).

Small clast falls from the 18.0 cm interval face.

Material slumped down from next interval at N, extending to 17.5 cm. Slumped material spilled into interval 1 area (#0971, 0969, see also sketches from notes).

Noted that on the 18.0 cm face, the west side is more cohesive than the E side.

Sieving: soil is very sticky and reluctant to go through sieve mesh, similar to simulant. Tapping with Teflon ring and gentle moving with spatula assists sieving of material. >1 mm clasts picked of mesh

with tweezers and sorted into size fractions in Teflon lid. Fine residue left in dust pan and sieve (#1036).

Some of the clasts turn out to be soil clods that disaggregate to soil which gets added to the <1 mm fines fraction.

SAMPLE INFO

Fraction (mm)	Particles (n)	Mass (g)
>10	0	0
4-10	2 (A, B)	0.101
2-4	2	0.050
1-2	10	0.032
<1 fines		1.022

Clast B is larger than Clast A. Both were later triple Teflon bagged for CT scanning.

Image(s) of >1 mm clasts from interval 1 (#1023, 1026, 1031).