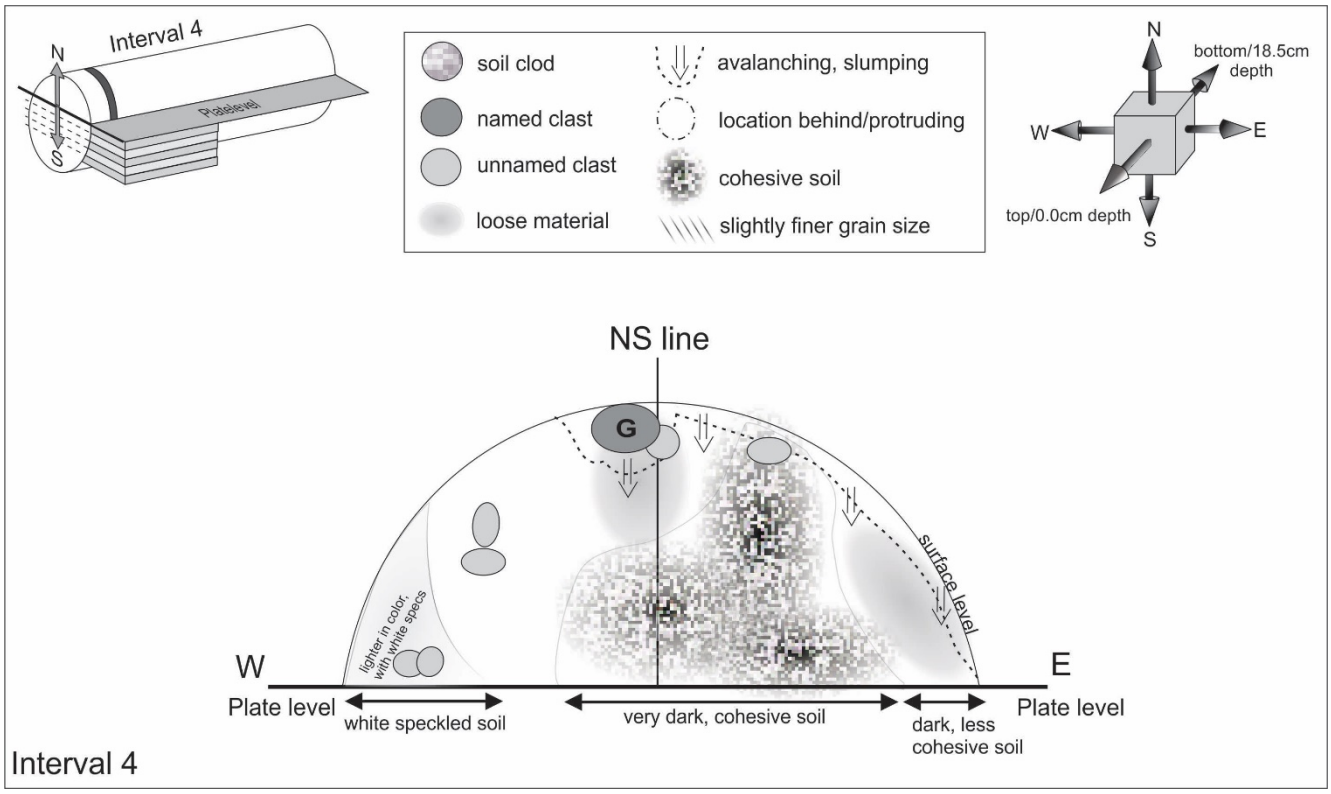
12.05.2019

Pass 1 Interval 4 Interval-Range: 17.0 to 16.5 cm Core depth: 1.5 – 2.0 cm (below surface)

People present in lab: Andrea, Charis, Cari, Barbara



Marked 16.5 cm boundary, during which NE felt ready to collapse.

Working N to W, a small clast was found just W of N at the core surface at 17.0 cm → Clast G (#1564, 1565 shows clast G cavity).

At this stage decided to letter clast <4 mm if orientation is known.

As continued to excavate near where clast G was located, slumping occurred.

Two light colored clasts visible in the 17.0 cm boundary at NW are labelled H and H'.

NOTE: choose not to use I and O as letters so an not to confuse with numbers one and zero.

Clast J and J' excavated from western corner near plate boundary. J is bigger and light than J' (#1572).

West side of core, in white speckled area, feels less coarse and slightly more consolidated than previous intervals in the same region.

Noticeable variation in texture/compaction across face of core at 16.5 cm (#1620, 1625).

Clast K removed with tweezers from N just below surface, at 16.5 cm (#1580).

Slumping regions of core surface towards west and eastern edges are scooped (see annotated image of #1620).

E edge is notably less consolidated, getting considerably more compact on moving inwards toward center.

Clast L is encountered at NE just below surface (#1591) within a particularly cohesive region. Almost "sawing" into clay like material with spatula in this region. No slumping occurs.

A small clast falls out from 16.5 cm face.

Lettered clasts are imaged in Teflon dish (#1606). Full core images (#1776, 1768)

SAMPLE INFO (#1616)

Fraction (mm)	Particles (n)	Mass (g)
>10	-	0
4-10	1	0.035
2-4	8	0.085
1-2	47	?
<1 fines		1.995

Fraction (mm)	Name	Mass (g)
4-10	G	0.035

Image(s) of >1 mm clasts from interval 4 (1616)