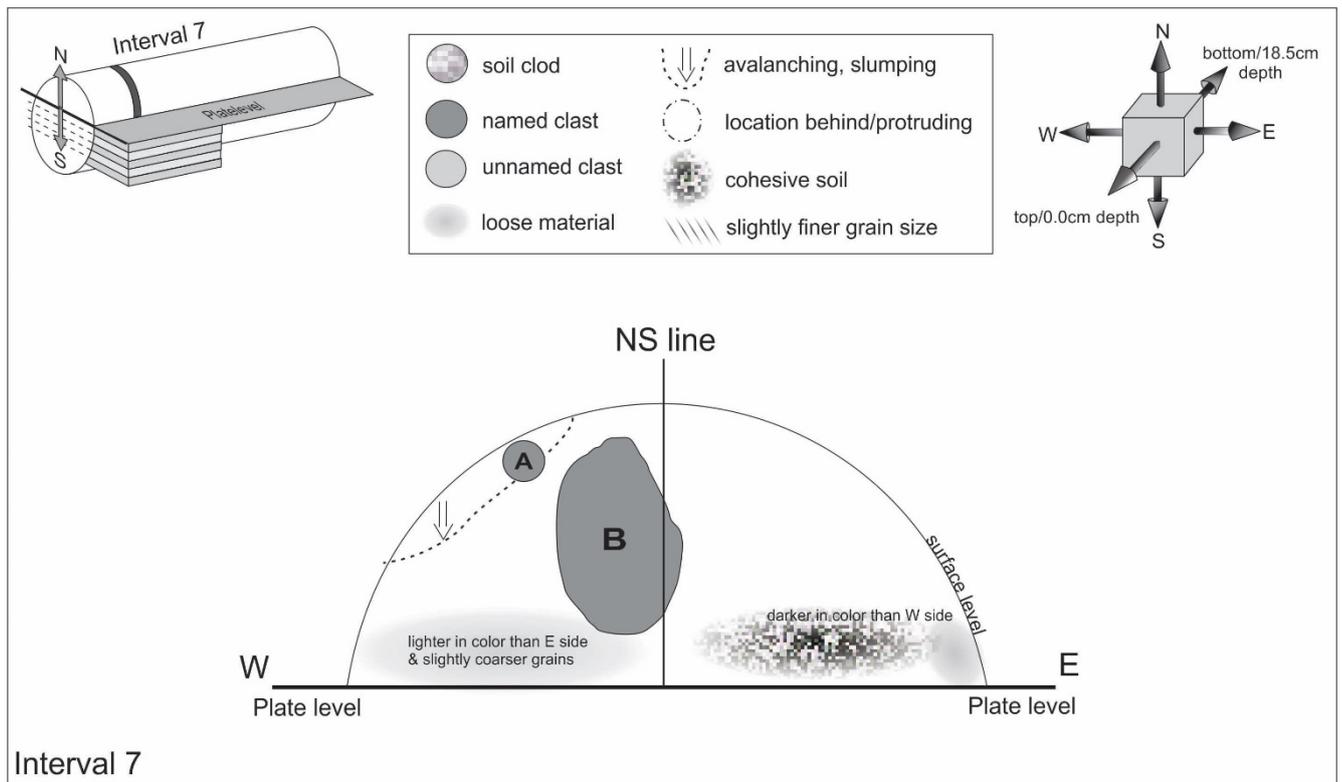


12.12.2019

Pass 1 Interval 7 Interval-Range: 15.5 to 15.0 cm Core depth: 3.0 – 3.5 cm (below surface)

People present in lab: Andrea, Charis, Kun, Steve



Dissection of this interval will involve dissecting around large clast (Clast B) bridging intervals 6 and 7.

First marked 15.0 cm boundary. E side is particularly loose and slumps during marking.

Next cleared up some material that had slumped over night onto the plate at the W edge.

N-W:

Working N to W, slumped soil from marking gets scooped up first.

Clast A encountered NW at 15.5 to 15.2 cm, just W of large clast B. Elongated and “ropey” looking. (#3064, 3088).

Excavating above large clast B. Soil is loose but coarser grained and lighter in color than the west side. Continued excavation of material from W to E along plate level, with some material falling from above the large clast.

N-E:

Working N to E, scooping eastward from center around large Clast B. Material on E side is darker than on W side and the variation in contrast is visible in the material when in the dust pan (#3193).

CONSIDERATION: During a pass that is not sieved, should lighter and darker soil be separated for comparison with the different coloured trench soils from station 3 trench?

At 15.0 cm on E side it is darker and more cohesive than at 15.0 cm on the W side and than it was at 15.5 cm on E side.

Charis digs behind large clast and discovers that it sits above plate level and does not extend into the next pass below. Clast extends from 16.2 to 15.5 cm (#3175).

N-W:

Working N to W, continue to expose the large clast B, which finally rolls out (#3285).

Another clast is encountered just behind clast B, which extends into interval 8 (#3291).

Clasts A and B are imaged in teflon lid with scale bar (#3308).

Continue scooping to plate level below where clast B was situated to remove remaining material (#3325).

Clasts A and B de-dusted using sieve.

Sieving: lighter soil is noted as going more readily through the sieve than the dark soil. However, dark soil is not as “sticky” as when sieving interval 6 material (#3358).

SAMPLE INFO

Fraction (mm)	Particles (n)	Mass (g)
>10	-	-
4-10	2	0.292
2-4	13	0.129
1-2	21	0.071
<1 fines		1.788

Fraction	Name	Mass (g)
4-10	A	0.071
4-10	B	0.221

Clast B mass is prior to shedding of material in Teflon bag when being CT scanned.

Image(s) of >1 mm clasts from interval 7 (#3397, 3402, 3407, 3411). Core images with colored bar (#3445, 3455)