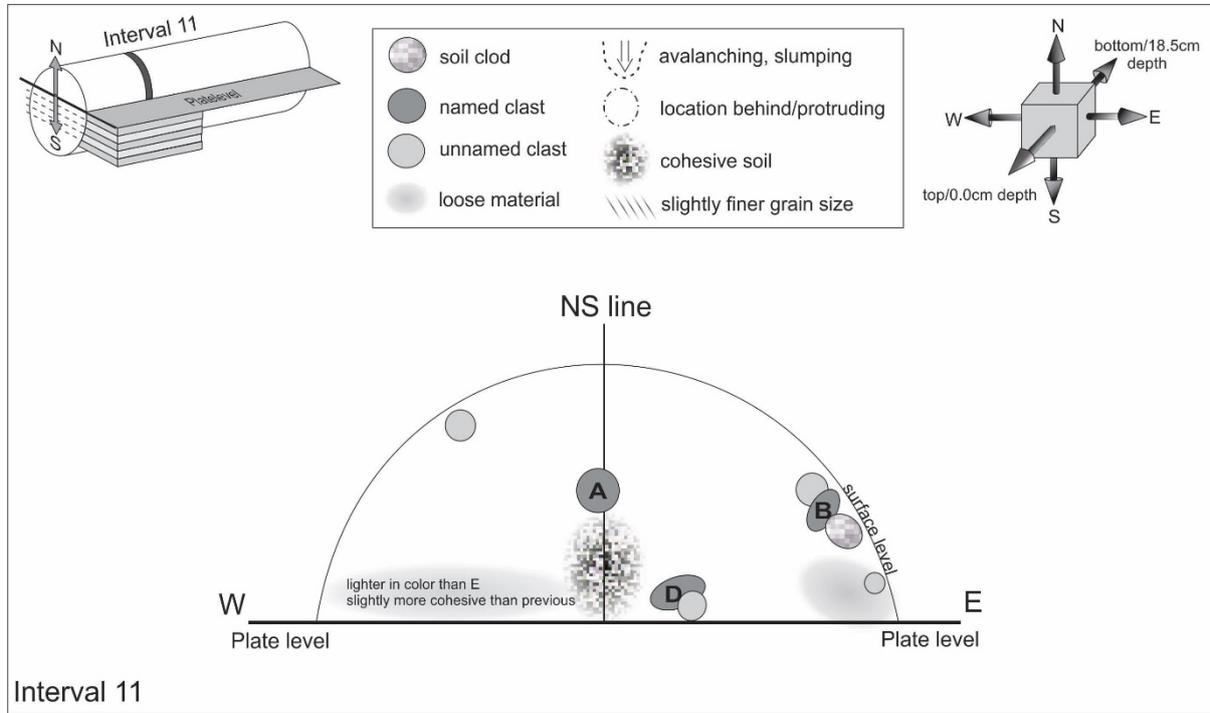


12.19.2019

Pass 1 Interval 11 Interval-Range: 13.5 to 13.0 cm Core depth: 5.0 – 5.5 cm (below surface)

People present in lab: Andrea, Charis, Jess, Zoë



Start of interval: large clast which fell out during interval 10 from NNW at 13.3 to 13.2 cm is removed and labelled clast A. Orientation unknown, can see location cavity, clast is rounded with a dark spot. (#4687).

#### N – W:

Cleaned up the rest of the fallen material.

N to W, dissection beings for interval 11.

West limb more compact than previous intervals to the west but still crumbly. As moves closer to the 13.0 cm mark the soil becomes looser.

Clod/clast removed from NW at surface at 13.0 cm boundary (#4748, 4732). Clast is light colored and ~3 mm.

Soil is light colored on W side and is consistent in color with no marbling as observed for the E side.

Charis noted centre of core is more cohesive than E and W limbs but still light in color like the E and W limbs.

## N-E:

N to E dissection, notices as moves away from center towards E the material is looser.

Feature at base level on E side starting at 13.4 cm and extending toward next interval (range unknown).

Charis works around feature and notices soil gets darker toward E edge.

Continues cleaning up interval to leave clean boundary.

When reaches feature at E it is excavated and rolls out (#4828, 4832). Feature is a clod and gets smooshed when trying to pick up with tweezers. Clod is both light and dark inside.

Charis moves to work from E side and starts dissecting at plate level on outer E limb.

Light clast revealed at 13.1 cm on the eastern limb. Clast is ~3 mm in diameter and ~3 mm above plate level (#4884).

Very crumbly on E side, where encounter dark angular clast at eastern limb, which measure ~3 mm and is found at 13.2 cm just E of NE and a few mm below the surface.

Soil on E side is marbled and overall darker than on the W side.

~4 mm clast B uncovered at 13.2 cm. This clast is further below surface than previous clast at NE (#4931, 4938).

Encounter large clast near plate level at 13.1 cm which extends into interval 12, half way between E and N. Gets labelled clast C. Light colored and rounded, ~4 mm in diameter. Fell apart to become smaller than 4 mm.

Charis cleans up interval, at 13.0 cm at surface at NE is a large light colored soil clod, which was excavated (notably lighter than surrounding darker soil in E). Clod gets smooshed (#4959, 4962).

Dark colored clast from 13.0 cm boundary wall fell out from next interval, E of NE (#4972, 4973). This clast is retained in an Al cup to be included in next interval 12.

Light colored ~4 mm clast at 13.0 cm mark, which slightly extends into next interval is excavated and counted in this interval to become clast D. Excavated from ~1-2 mm above plate level at NE (#4985).

End of interval 11 (#5008, 5011).

## SAMPLE INFO

Fraction (mm)	Particles (n)	Mass (g)
>10	-	-
4-10	5	0.195
2-4	6	0.074
1-2	27	0.115
<1 fines		2.064

Fraction	Name	Mass (g)
4-10	A	0.107
4-10	B	0.019
4-10	D	0.030
4-10	Unknown 1	0.029
4-10	Unknown 2	0.010

Clast C deemed <4 mm in the end.

Image(s) of >1 mm clasts from interval 11 (#5039, 5046, 5090, 5097)

Full core images with color bar (#5086, 5087, 5092)