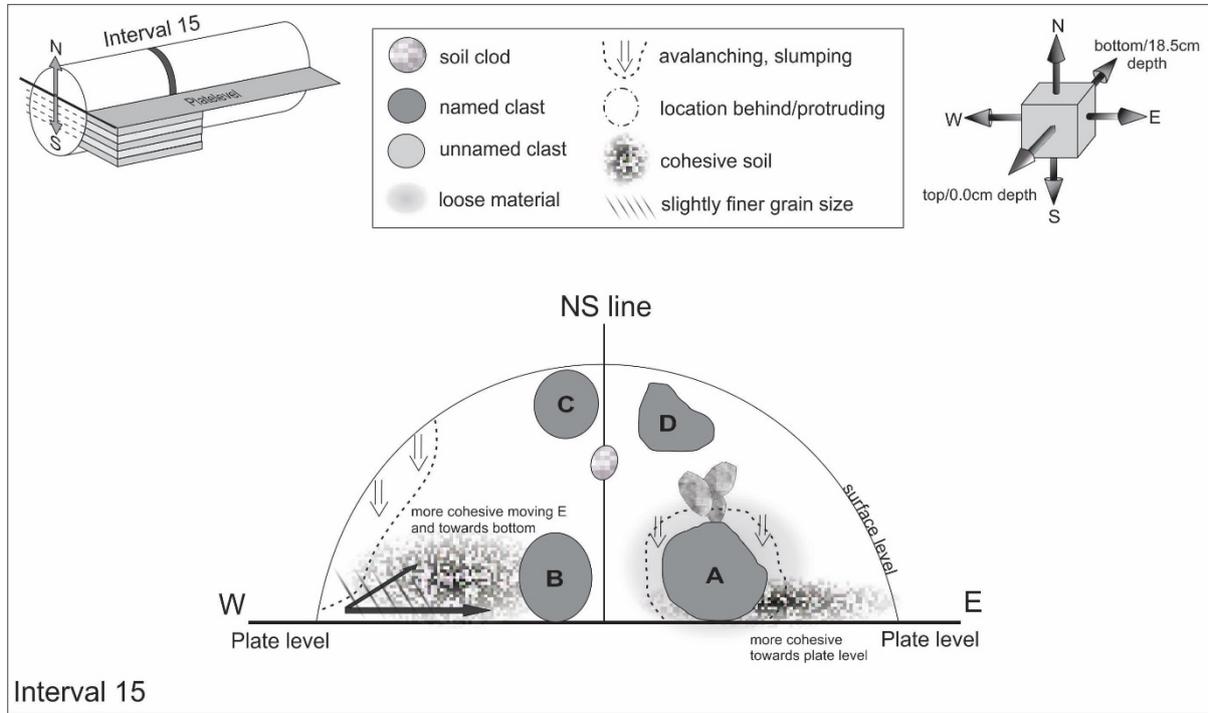


01.14.2020 morning

Pass 1 Interval 15 Interval-Range: 11.5 to 11.0 cm Core depth: 7.0 – 7.5 cm (below surface)

People present in lab: Andrea, Charis, Juliane, Danielle, Mason



Slumping might have occurred after last interval dissection (during the night?) on the W corner of the core and N of the large clast that is intruding into this interval. During marking: soil very loose (#6005).

N-W

Cleaning up boundary of W corner that slumped since last time and collected that material by scooping W to E.

Starting to scoop NE: material really loose at W edge but becomes less loose towards 11.0. More coherent towards 11.0 boundary and towards E direction. In general, the material is finer grained and possible darker compared the yesterday.

Moving NE it gets more coherent, scoops leave straight angles/boundary, no slumping at all (#6013).

Clast B between 11.5 and 11.2cm at plate level at NW. Placed on Teflon lid for photos. Was oriented with cube, but might not be correct orientation (#6015, 6016; 6021, 6023, 6025-26, 6098).

Continuing W to E from Clast B cavity. **Clast C** is just W of NS line at N-surface boundary at 11.4-11.0/11.1cm. Fell out during scooping, very light in color. Round-ish shape (#6028, 6034).

Continued scooping W to E, still cohesive with scoop leaving sharp boundaries. Cohesiveness increases going E-wards (still W of NS line).

East of NS line at N-surface between 11.2-11.5 **clast D** encountered. Fell out during scooping (#6039). Very angular, and knobby, and shiny, black glassy parts, and some light gray parts (#6043, 6047).

Scooping E of NS line. Soil is getting darker, slightly. Still pretty cohesive. Scooping around Clast A (#6062). Soil is getting looser towards Clast A. N-surface going S is looser material (upper part of Clast A area) getting more cohesive towards plate level.

N-E

Scooping NW. Fairly loose soil at E corner. Clast A comes out, looks like it moved since yesterday (#6063, 6095). Sits between 12.2-11.6. Orientation is marked. Pretty large, not as angular compared to Clast D. Dark-ish grey, covered in dust. Piece broke off in Teflon lid during transfer to Al-cup (#6077, 6078).

Continue scooping around Clast A “cavity” (cavity sort of slumped/collapsed). In center NE area lots of clods encountered towards 11.0 boundary.

Each large clast was sieved by itself. Clast A had some little bits come off and go through sieve. Clast C was very solid, unlike Clast A.

Soil is more sticky compared to last interval. Possible darker in color (the sticky parts). Not sieving as easily as yesterday. Tapping >1mm clasts with tweezers to reveal any clods.

Remaining clasts picked out with tweezers and placed in Telfon lid for size fraction sorting (#6101, 6106).

Afternoon: sample weights

Notes, in photo 14 clasts are visible in 1-2mm fraction, but 1 clast turned out to be clod and crumbled.

SAMPLE INFO (#6101, 6127, 6134)

Fraction (mm)	Particles (n)	Mass (g)	Container #	Gross-weight
>10	-	-	-	
4-10	4	0.464 (calc)	9_22568	
2-4	7	0.080	9_22569	16.194
1-2	13	0.046	9_22570	16.168
<1 fines		1.750	9_22567	17.874

Fraction	Name	Mass (g)
4-10	A	0.165
4-10	B	0.131
4-10	C	0.091
4-10	D	0.077

Full core imaged with colored bar (#6116, 6117, 6123, 6124)