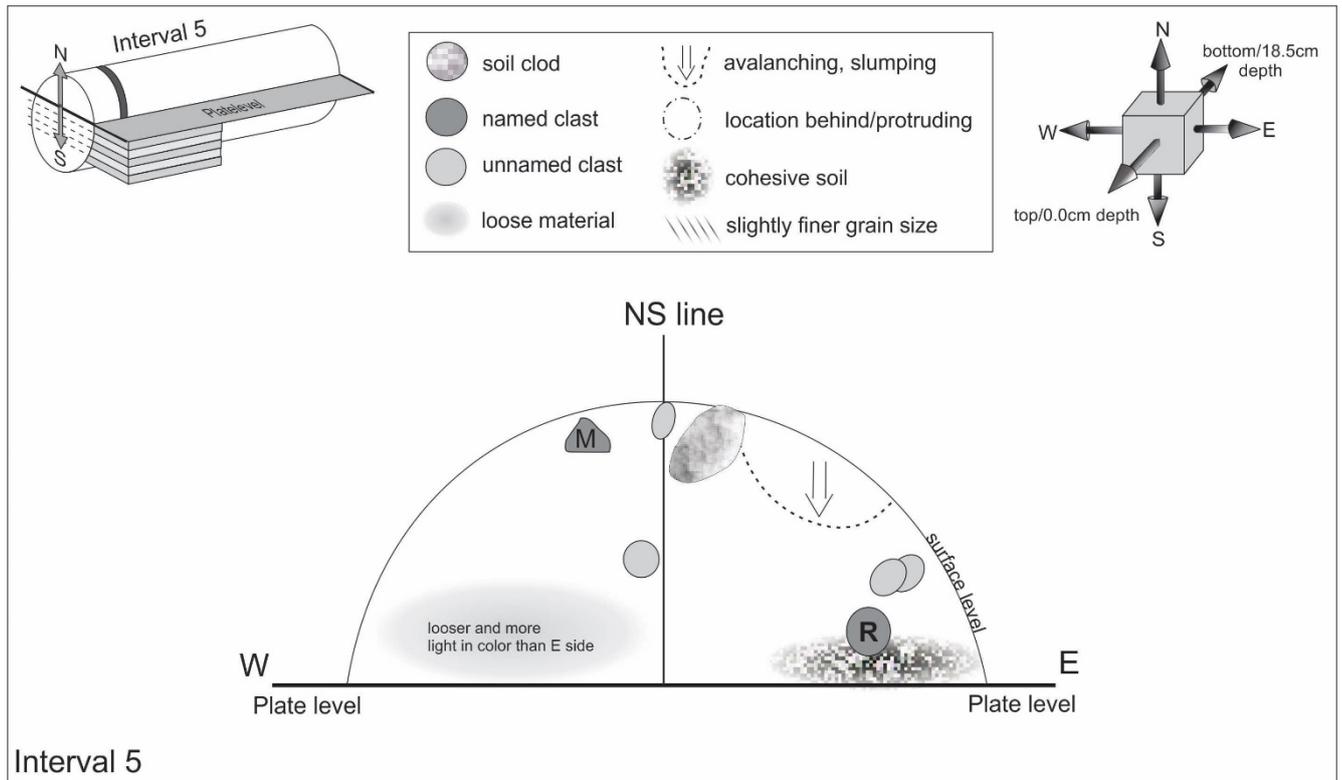


12.9.2019 and 12.10.2019

Pass 1 Interval 5 Interval-Range: 16.5 to 16.0 cm Core depth: 2.0 – 2.5 cm (below surface)

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



Pre-dissection core images taken which also show location of clast at surface that gets labelled clast M.

16.0 cm boundary is marked during which clast M is encountered at NNW surface, which then falls out later as scooping commences (#1801, 1840 show clast M location).

Loose and lighter colored soil is encountered just W of N, where light colored clods are also excavated that disaggregate to soil when poked.

E side of core is noted as more cohesive than W.

Clast N is encountered directly at north at the core surface, extending from 16.3 to 16.0 cm. Large clod excavated just E of clast N also at the core surface. Both leave defined cavities (#1840, see also sketch).

Clast P excavated from near surface at ENE at 16.0 cm boundary. Fell out during dissection and is very light in color (#1851).

Clast Q is very light in color situated just W and below Clast P (#1851). Friable Clast Q broke into smaller pieces when picked with tweezers. INTERP: shocked anorthosite?

Clast R located ENE near plate level (#1861). Picked out with tweezers (#1865) to leave a sharply defined cavity (#1869). Clast R is dark gray with some white areas.

Clod encountered at 16.0 cm boundary at plate level, disaggregated after removal.

Working north to west, Clast S was encountered at N at 16.1 cm mark, slightly above plate level. Clast S is dark colored, crystalline and “sparkly”.

NE section of upper core collapsed and slumped down at end of interval, eating into next interval to ~15.8 cm (#1902, 1906, 1907).

Interval 5, >4 mm clasts imaged and briefly described (#1925).

M: angular (triangle shape), dark colored matrix, white speckles. Sparkly, glassy coat when zoom in on image (#2197).

N: angular, light gray, uniform color, crystalline (?)

P: similar to N with small dark patch, possibly a glass coating (?)

Q: friable, very light in color, rounded

R: dark and light areas, rounded

S: very dark, “sparkly/glassy”, possible agglutinate. INTERP: conchoidal edges possibly representative of former vesicles (see notebook sketches).

Core imaged with color bar after completion of interval 6 (1943).

During sieving, noted that fines fall through sieve more easily than for previous intervals.

After sieving 3x additional 1-2 mm clasts were found (#2347) and added to 1-2 mm fraction container. Agglutinate T also found and added to >4 mm fraction.

Clasts R, M and agglutinate T bagged for CT scanning

### SAMPLE INFO

Fraction (mm)	Particles (n)	Mass (g)
>10	-	-
4-10	3 (M, R, agglutinate T)	0.090
2-4	10 (inc. N, P, S)	0.143
1-2	17 (inc. Q)	0.044
<1 fines		1.931

Fraction	Name	Mass (g)
4-10	M	0.022
4-10	R	0.060
4-10	Agglutinate T	0.008

Image(s) of >1 mm clasts from interval 5 (#2197).

*Uncertain whether an Si wafer witness plate got flipped or not. When reorienting it was only touched with the Al foil that it was sat on.*