

12/10/2020

Core 73002; Pass 2; Interval 25; Range: 6.5 to 6.0 cm (= core depth of 12.0 to 12.5 cm)

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Marking interval boundaries: marking on the E side was again not really possible as BAC#1P1 is taking up a lot of the E-side surface level (1130, 1131, 1132, 1135).

N-W:

Starting at W-edge, it is very crumbly, cloddy, loose, light colored and soil is a mix of grain sizes fine and coarse. Lots of collapses are occurring. Large clast encountered that turned out to be a very dense clod at W-side a few mm from edge. W-edge collapsed into next interval. Leaving it for next interval. A bunch of 2-4mm clasts encountered at surface level right W of NS-line around the BAC#1P1, most of them are on the larger side of the 2-4mm fraction. Scraping the surface of BAC#1P1, material is a bit looser than previous intervals, BAC#1P1 is now almost fully excavation in this Pass. We can now dissect behind the BAC#1P1 at NS-line going E (#1136).

N-E:

Recovered collapsed E-wall that fell during last interval. Material that fell includes Clast A, it fell E of the BAC#1P1. Soil on E-side is very loose, continues to collapse, not cohesive at all. Mixed grain sizes are present fine to coarse. E-edge starts to collapse again into next interval.

Sieving:

Clast A sieved and poked with tweezers. After sieving picked up with tweezers and placed into Al-cup and weighed.

Soil was sieved, went through sieve easily, just very slightly sticky. More larger clast sizes. One 1-2mm particle is very white! Tapping of clasts with tweezers in sieve to determine if soil clods. Clasts transferred into Teflon lid with tweezers. Sorted into fraction. Transferred named clast from Al-cups into Teflon disk. Then clasts transferred into container (or Al-cups for named clasts) and weighed.

Full core with colored bar recorded (# 1137, 1138, 1140, 1159, 1160, 1165, 1166, 1167, 1169, 1172)

Clasts:

4-10 fraction: 1 clasts; Clast A: rounded elongates, has some back/dark patches

2-4 fraction: mostly rounded, one clast is very edgy. One clast looked black and light gray checkered.

1-2 fraction: rounded to subrounded, one clast is every white.

SAMPLE INFO (# 1142-1144, 1146-1148, 1150, 1152, 1153, 1156, 1158)

| Fraction (mm) | Particles (n) | Mass (g) | Container # | Gross-weight (g) | New generic (73002,xxxx) |
|---------------|---------------|--------------|-------------|------------------|--------------------------|
| >10 | - | | | | |
| 4-10 | 1 | 0.058 | 9_22748 | | ,1095 |
| 2-4 | 8 | 0.148 | 9_22749 | 16.357 | ,1096 |
| 1-2 | 13 | 0.040 | 9_22750 | 16.395 | ,1097 |
| <1 | finest | 1.607 (calc) | 9_22747 | 17.574 | ,1094 |

Individual > 4mm clasts (named clasts):

| Fraction (mm) | Clast Name | Mass (g) |
|---------------|------------|----------|
| 4-10 | A | 0.058 |
| | | |
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