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Erratum S. 173 - 175, Chapter 4.1, Table: 28.03.2019: Samples 15-37 were taken (sketch of planned sampling in Figure A.2-5)

| **28.03.2019: Samples 15-37 were taken (sketch of planned sampling in Figure A.2-5)** | | | | | |
|---|---|---|---|---|---|
| **Layer** | **Depth [cm]** | **Sedimentology** | **Cryostructure** | **Organic remains** | **Remarks** |
| L14 | 528-625 | ”mineral window” on the left side. Dark gray / beige sandy loam slopping layered unit. | Massive CS. When cleaving with an ax - seperate ice stain D approx. 2 mm became visible, so it could be call porphyric CS (although a layered/lenticular entity is visible on the thawed wall).<br>At a depth of 625 cm an inclined contact with the ice-wedge is located. Here, in the 10-cm layer thick of sandy loam there are rare ice schlierens 2-5 mm thick parallel to the contact with the ice-wedge. There are veins (subvertical ice schlieren) with a thickness of 5-12 mm goes up from the ice-wedge top. | this roots sticking out of the wall | **Sample 15** at 534 cm (Figure 4.1.29).<br>**Sample 16** at 573 cm (no poto).<br>**Sample 17** at 616 cm, close to the sampled ice-wedge (Figures 4.1.30 and 4.1.31). |
| L15 | 625-740 | - | ice-wedge, vertically layered, including lenses of a dark gray sandy loam | - | **Sample 18** (ice-wedge) at 673 cm (no photo) |
| L16 | 740-1176 | Dark gray sandy loam. Inclined stratification (Figure 4.1.32) | Thin-layered CS - thin ice lenses with a thickness of 0.1-0.5 mm and the same interlayers of sandy loam (silt). | - | Bag of **Sample 19** was lost; a sample with this number not taken.<br>**Sample 20** at 759 cm (Figure 4.1.33).<br>**Sample 21** at 807 cm (Figure 4.1.34). |
| | At 947 and 1006 | - | Inclined 4-10 cm thick ice schlieren are suitable on the right side of the ice-wedge (is it ice veins)? Ice banding, at lower part of the wedge its width is 10 cm. Within wedge there are approx. equal thicknesses of layers of ice and soil ca. 5-10 mm, so it could be a composite wedge | - | |

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| | 907 | - | - | Organic matter in sandy loam surrounding wedge at a depth of 907 cm and deeper. Thin grass roots stick out the wall and the color of the sandy loam becomes darker. | **Sample 22** at 857 cm (no photo). **Sample 23** at 907 cm (no photo), as well as a sample from the inclined ice schlieren. **Sample 24** at 1006 cm (Figure 4.1.35). **Sample 25** at 1106 cm (Figure 4.1.36). |
| | Down to 1176 | same sandy loam | There it is no visible ice on the cuts, but on the surface of the dry wall there are traces of a thin layered CS - presumably, ice thickness 0.1-0.5 mm, sandy loam 1-3 mm | A lot of grass roots hang from a dry wall | |
| | 1106-1111 | Gravel D 2-5 mm inclusions. Gravel is easily broken with an axe | - | - | |
| L17 | 1176-1225 | Sandy loam, similar to overlying by grain size | Massive CS | Hardly any roots | **Sample 26** at 1199 cm (Figure 4.1.37). |
| L18 | 1225-1284 | Sandy loam, the surface of the wall is slightly flattened. | Rare ice schlieren 0.1-0.5 mm thick, up to 20 mm long visible on the cleaved rocks with an axe. In cleaned wall not visible. | grass roots<br>At 1874-1284 cm, enrichment with plant residues, including branches D up to 8 mm and length up to 25 mm. | **Sample 27** at 1275 cm (Figure 4.1.38). |

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| L19 | 1284-1547 | sandy loam | Mostly massive CS, but to the left from the measuring tape an inclined layered CS (ice 0.1-0.5 mm thick, sandy loam layers 0.2-1 mm). Layering has and angle of 60-70° to the horizon. | no organic matter | **Sample 28** at 1366 cm (Figure 4.1.39). **Sample 29** at 1457 cm (Figure 4.1.40). **Sample 30** at 1547 cm (Figure 4.1.41 and Figure 4.1.42). |
| | Below 1405 | - | Ice belts with a thickness of 5-8 mm, between them are interlayers of dark gray silt (sandy loam) with a thickness of 10-20 mm (nails for roulette are well hammered into this silt). Ice is not visible in the ground layers on the cleavage, probably a massive CS, but traces of lenticular CS visible in the dry wall. | Thin plant roots | |
| | 1537 | - | - | Brown spot enriched with organic matter - peat. An organic sample was taken in a bag (Figure 4.1.41), on which only the depth was signed, a sample without a regular number. | |
| L20 | 1547-2247 | - | Vertically layered ice-wedge. Ice-wedge samples taken | - | **Sample 31** at 1647 cm (no photo). **Sample 32** at 1747 cm (no photo). **Sample 33** at 1847 cm (no photo). **Sample 34** at 1947 cm (no photo). **Sample 35** at 2047 cm (no photo). **Sample 36** at 2147 cm (no photo). **Sample 37** at 2247 cm (no photo). |