

Appendix 1: Stratigraphic descriptions and photos of sediments analyzed in northeastern Manitoba.

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Reference

Munsell Color–X-Rite, Incorporated 2015: Munsell Soil Color Book; Pantone LLC, Carlstadt, New Jersey, 42 p.

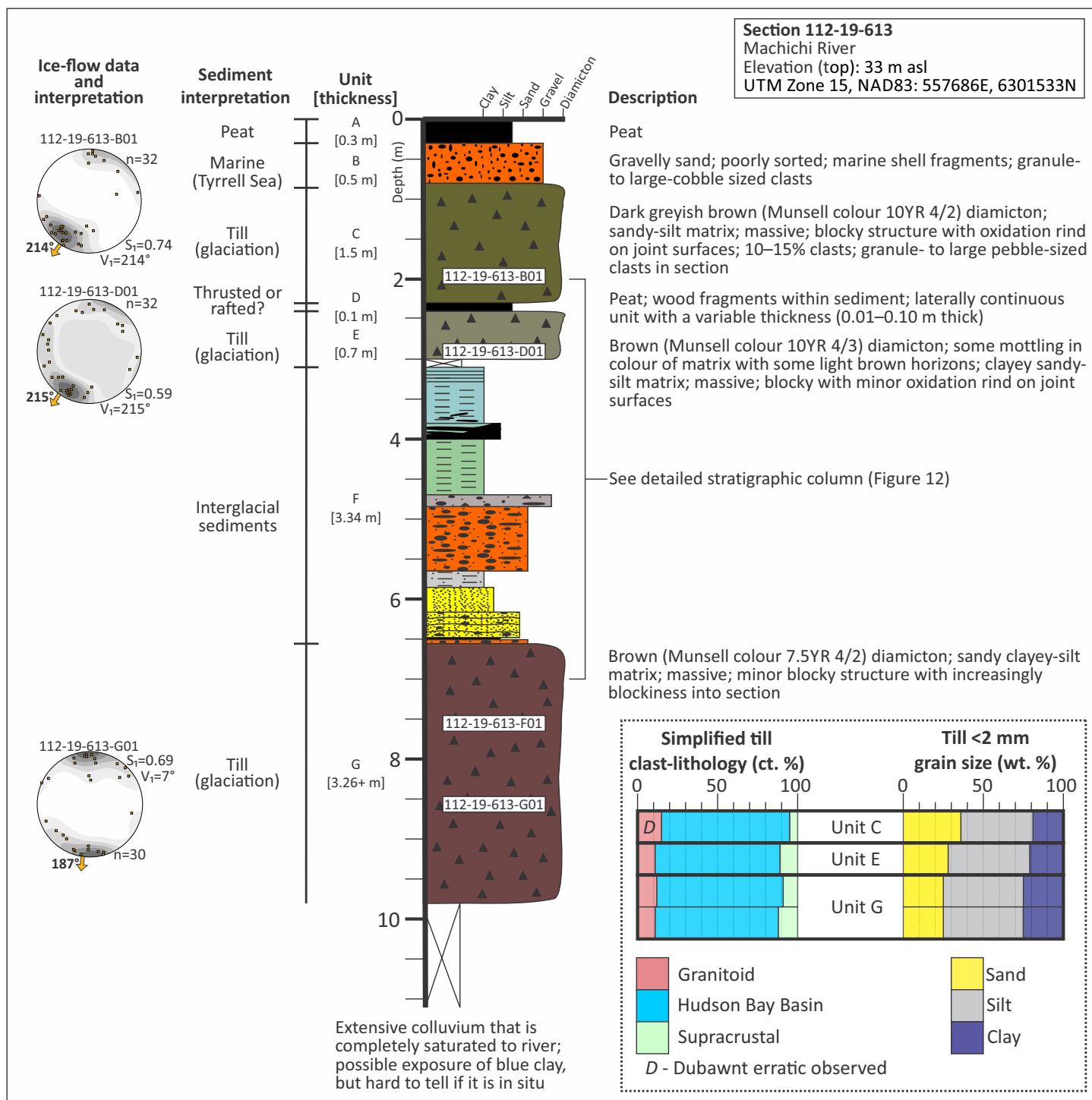


Figure 11: Quaternary stratigraphy at section 112-19-613. Till sample numbers are in white boxes. Munsell colour from Munsell Color–X-Rite, Incorporated (2015). Till fabric data is plotted on equal area stereonet and kamb contoured. The interpreted ice-flow direction azimuth is demarcated by the orange arrow on the outside of the stereonet. Abbreviations: S_1 , principal eigenvalue; V_1 , principal eigenvector.

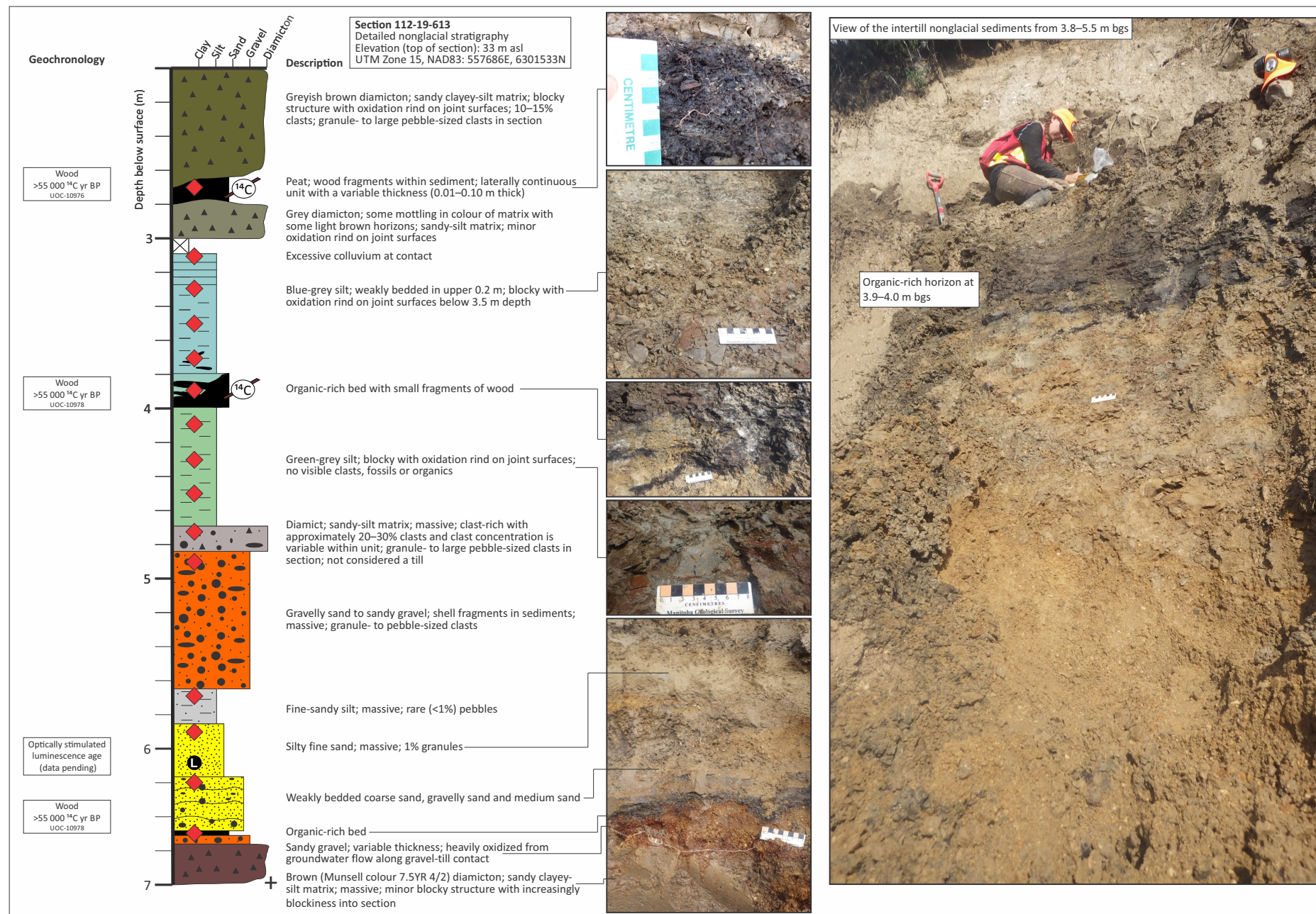


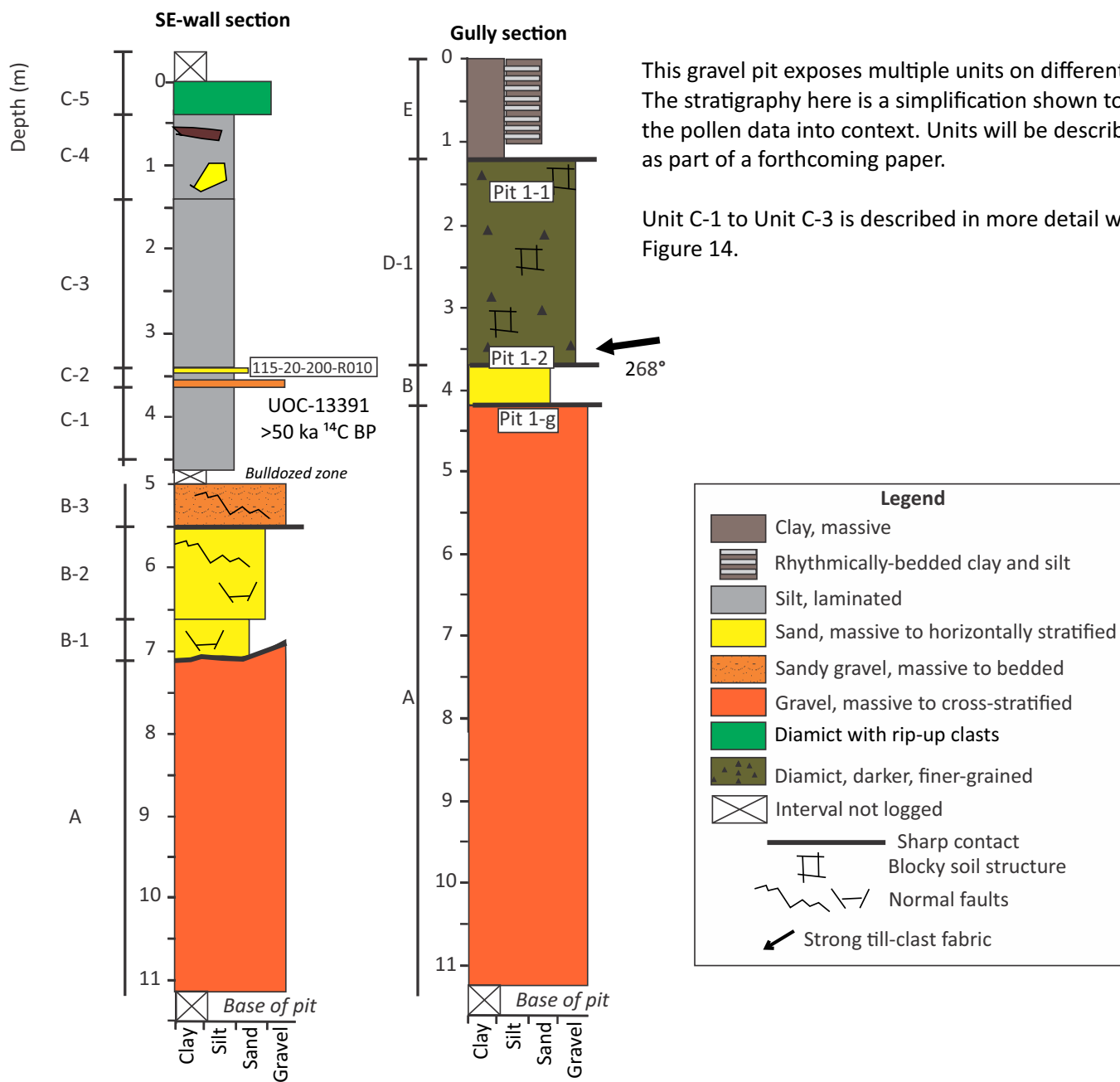
Figure 12: Detailed stratigraphy and photos of the intertill nonglacial sediments at section 112-19-613. The sample depths for palynology samples are depicted by the red diamonds on the stratigraphic column. Abbreviation: bgs, below ground surface.

Section 115-20-200

Gravel pit northwest of Gillam

Elevation: 166 m asl

UTM Zone 15, NAD83: 359055E, 6268195N



This gravel pit exposes multiple units on different faces. The stratigraphy here is a simplification shown to put the pollen data into context. Units will be described as part of a forthcoming paper.

Unit C-1 to Unit C-3 is described in more detail within Figure 14.

Figure 13: Quaternary stratigraphy at section 115-20-200. Till, gravel and wood sample numbers are in white boxes.

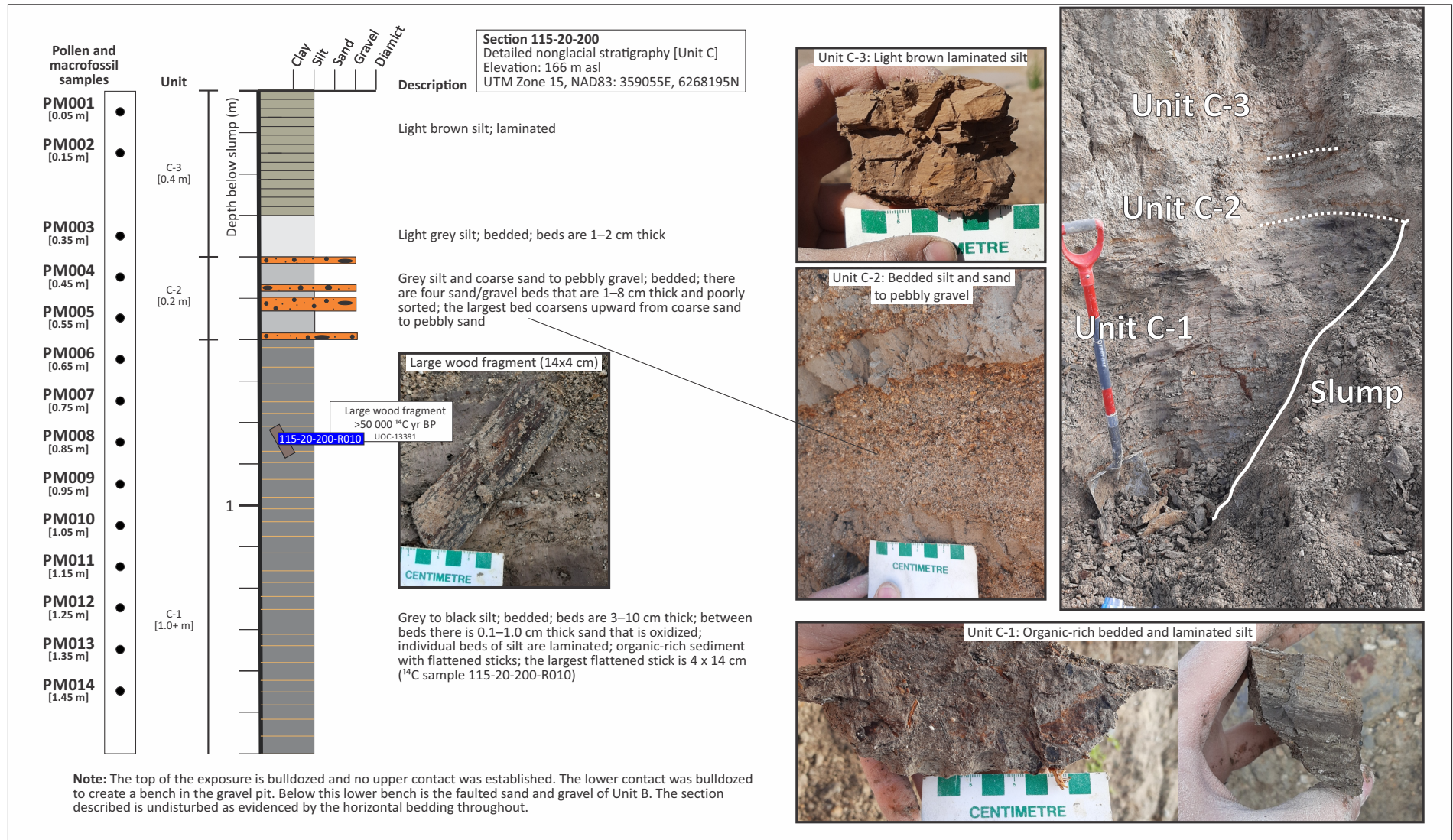


Figure 14: Detailed stratigraphy and photos of the nonglacial sediments at section 115-20-200.

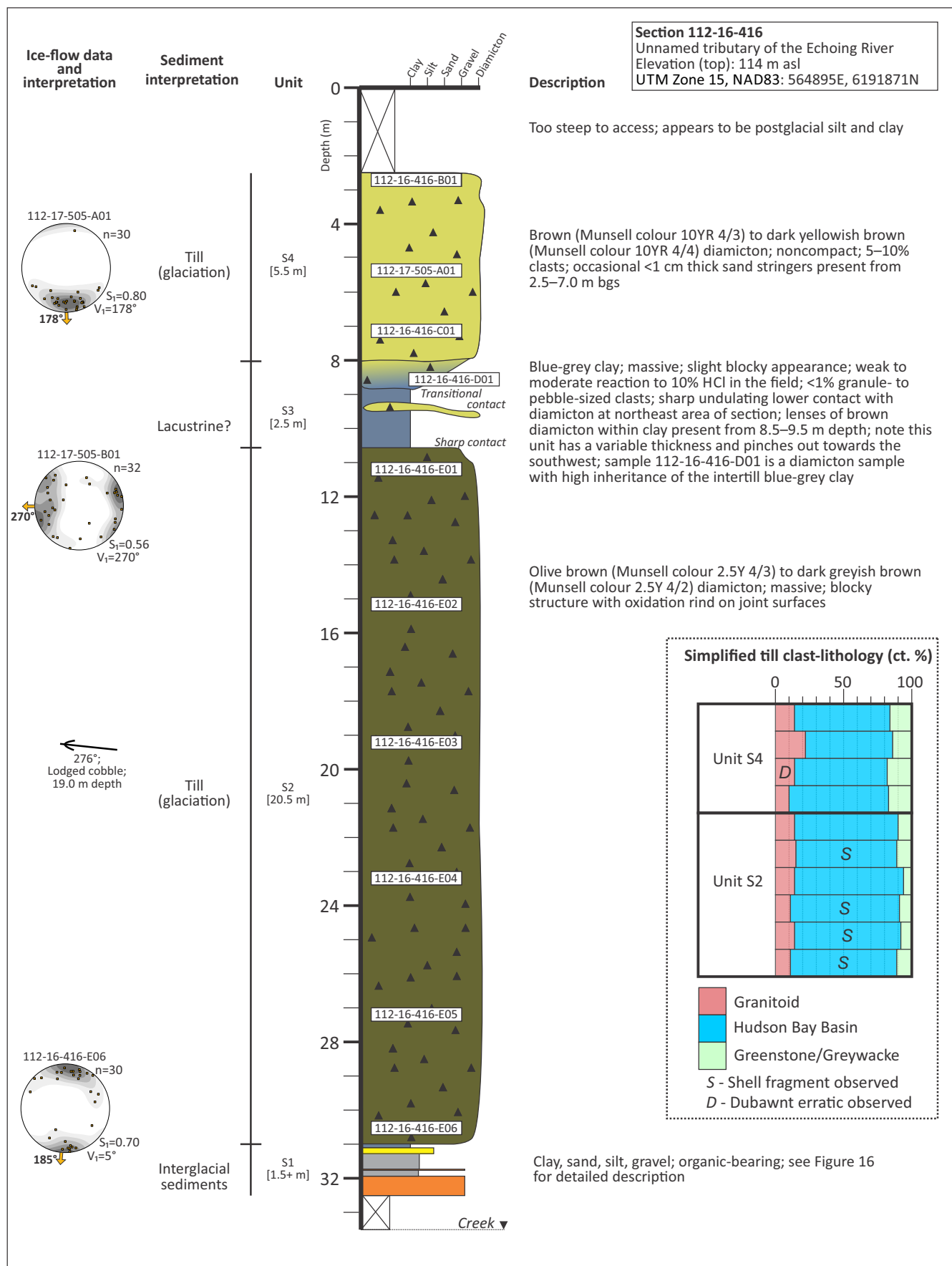


Figure 15: Quaternary stratigraphy at section 112-17-505. Till sample numbers are in white boxes. Munsell colour from Munsell Color–X-Rite, Incorporated (2015). Till fabric data is plotted on equal area stereonet and kamb contoured. The interpreted ice-flow direction azimuth is demarcated by the orange arrow on the outside of the stereonet. Abbreviations: Abbreviation: bgs, below ground surface; S_1 , principal eigenvalue; V_1 , principal eigenvector.

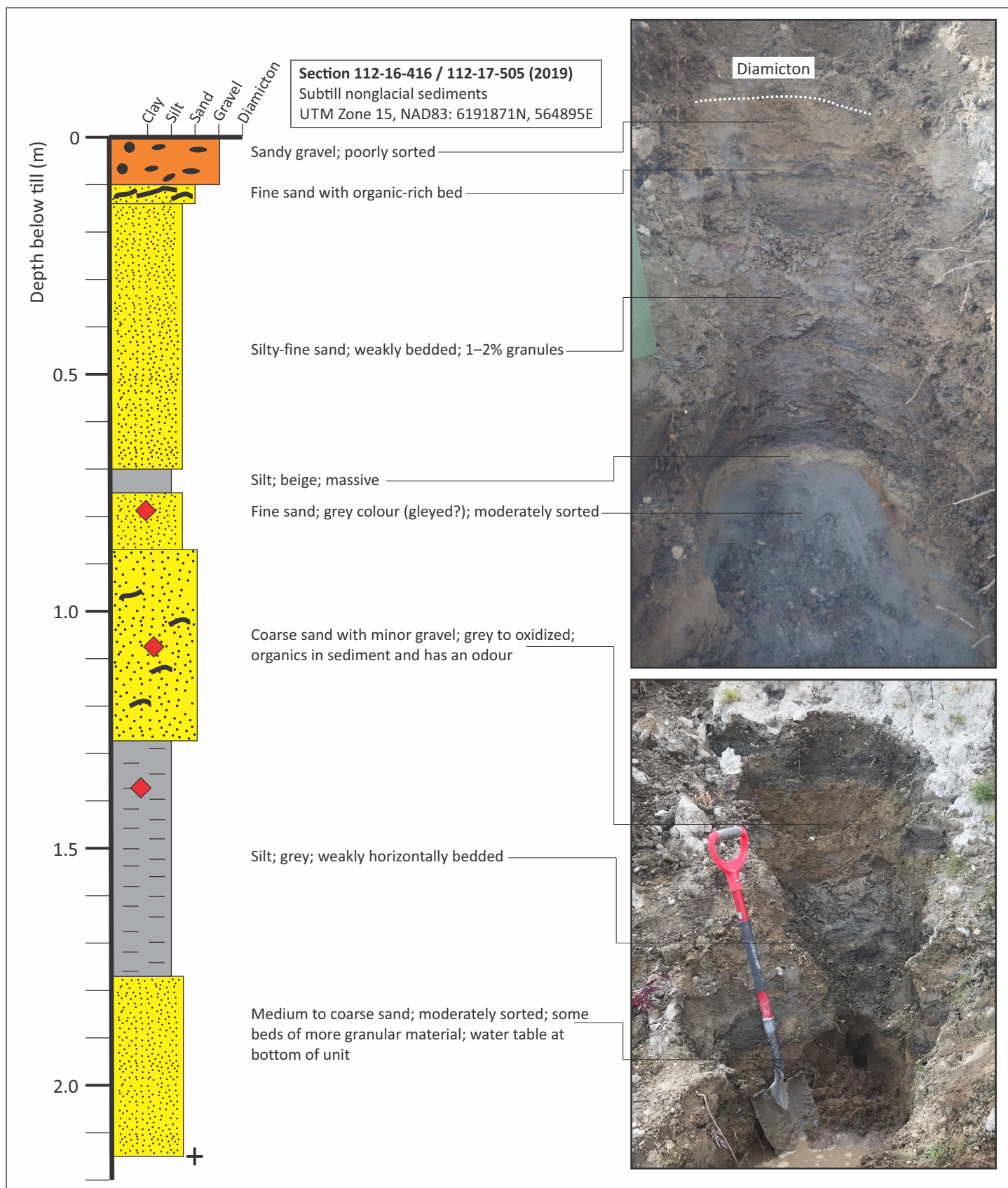


Figure 16: Detailed stratigraphy and photos of the intertill nonglacial sediments at section 112-17-505. The sample depths for palynology samples are depicted by the red diamonds on the stratigraphic column.