

Electronic Appendix C for the article:

"Weichselian sedimentary record and ice-flow patterns in the Sodankylä area, central Finnish Lapland"
by Åberg et al. (2020). Bulletin of the Geological Society of Finland

Reliability classifications

CLASS_1 -Till bed contact-

- 1 Till beds are defined with different flow directions
- 2 Till beds are defined with interlayered sorted sediments
- 3 Till beds are defined with an erosional contact
- 4 Till beds are defined with lag sediments
- 5 Till beds are defined with material
- 6 Till beds are defined with colour
- 7 Till beds are hard to distinguish from one another
- 8 One till bed (ends in bedrock)
- 9 One till bed (not excavated further)
- 99 Rejected from the analysis

CLASS_2 -Flow directions-

- 1 Till with clear flow direction
- 2 Till with weak flow direction
- 3 Till that is clearly defined (2-5, 9) but has no proper flow direction
- 4 Till that is defined by colour has no proper flow direction
- 5 Till fabric is similar to formation direction (not parallel to ice flow)
- 6 Till beds are hard to distinguish from one another
- 99 Rejected from the analysis