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## Conclusion

e basal succession comprises of a frozen lattice upheld diamict overlain by garbage poor scattered facies ice. e grid upheld diamict is deciphered as a frozen sub-frigid footing till which has been profoundly soaked. e overlying scattered facies has a structural beginning, identifying with strain-initiated transformation of englacial ice because of shearing near the bed. e development of both facies is steady with a warm-based warm system and the accessibility of subglacial melt water. Both the basal arrangement and glaciological structures are reliable with Tellbreen having encountered more-unique ice stream previously, portrayed by warm-based conditions, structural twisting and the accessibility of compressed subglacial meltwater.

Almost certainly, these conditions agreed with the LIA greatest degree of Tellbreen, when it was essentially bigger and thicker than today.

## References

- Benn DI (2004) Macrofabric. In Evans, DJA and Benn, DI eds. A practical guide to the study of glacial sediments. Hodder Arnold, Abingdon Pp: 93–114.
- Bennett MR, Huddart D, Waller RI (2000) Glaciofuvial crevasse and conduit flls as indicators of supraglacial dewatering during a surge, Skeiðarárjökull, Iceland. J Glaciol 46: 25–34.
- Cook SJ, Swift DA, Graham DJ, Midgley NG (2011) Origin and signif cance of 'dispersed facies' basal ice: Svínafellsjökull, Iceland. J Glaciol 57: 710–720.
- Dowdeswell JA, Hagen JO, Björnsson H, Glazovsky AF, Harrison WD, et al. (1997) The mass balance of circum-Arctic glaciers and recent climate change. Quat Res 48:1-4.