Supplementary Materials

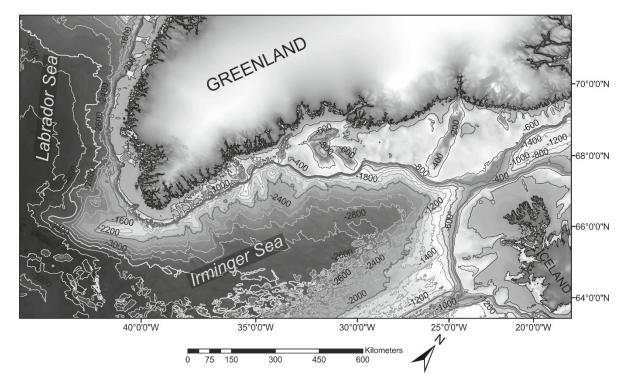
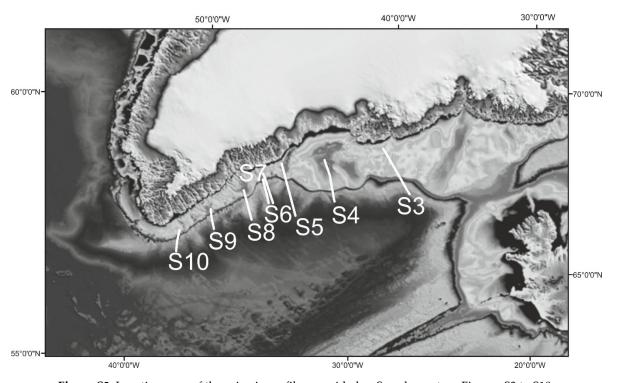


Figure S1. Extract of the International Bathymetric Chart of the Arctic Ocean (IBCAO) [18] showing the Southeast Greenland margin. Contour lines are drawn every 200 m.



 $\textbf{Figure S2.} \ Location \ map \ of the \ seismic \ profiles \ provided \ as \ Supplementary \ Figures \ S3 \ to \ S10.$

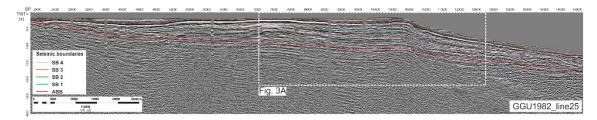


Figure S3. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

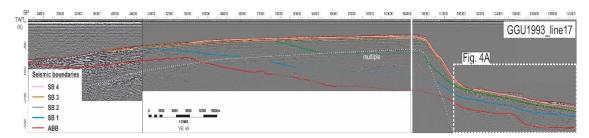


Figure S4. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

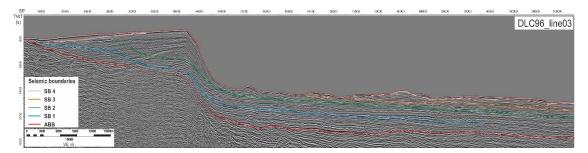


Figure S5. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

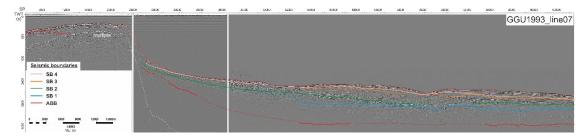


Figure S6. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

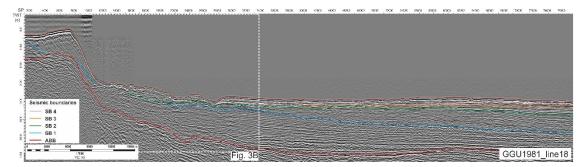


Figure S7. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

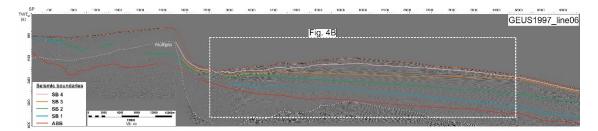


Figure S8. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

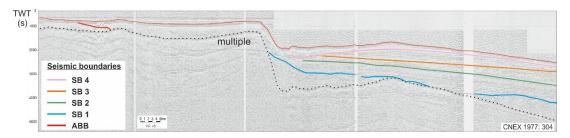


Figure S9. Seismic across slope profile. Its location is shown in Supplementary Figure S2.

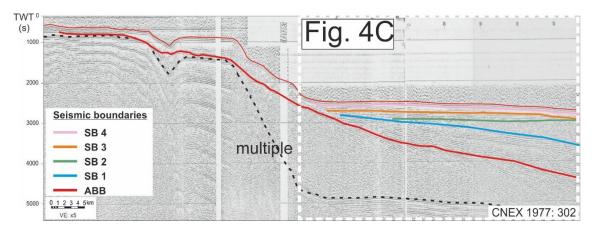


Figure S10. Seismic across slope profile. Its location is shown in Supplementary Figure S2.