

the two institutes. All cores were analyzed over their entire lengths for oxygen isotopic ratio ($\delta^{18}\text{O}$), chemical composition, and dust concentration. Most of the results presented here are from C3, which was cut into 6903 samples for both $\delta^{18}\text{O}$ and hydrogen isotopes (δD) and into 6419 samples each for insoluble dust, chloride (Cl^-), sulfate (SO_4^{2-}), and nitrate (NO_3^-) analyses. Borehole temperatures were -16.0°C at 10 m depth and -13.8°C at the ice-bedrock contact, demonstrating that the Dasuopu glacier is frozen to its bed.