

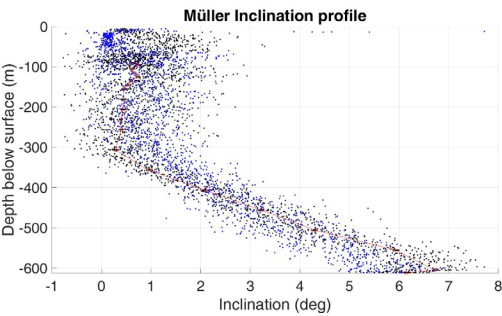
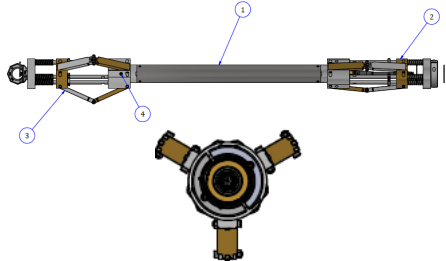
MiniLogger

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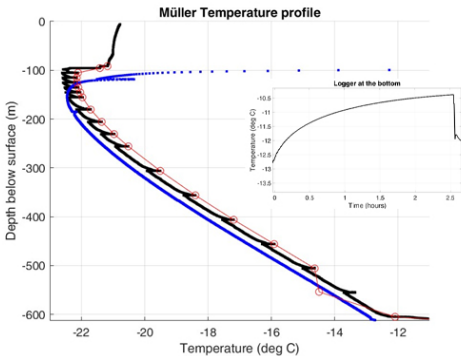
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A portable self-contained logger was developed and used for the Mueller Ice Core Project in the Canadian arctic during the summer of 2025.

The success opens opportunities to log temperature, pressure, and orientation of a borehole without requiring special winch or surface infrastructure..



Feature	Description
Portability	Weighs <15kg and can be transported as a checked bag.
Adaptable	Can be connected to existing winch cable or drill via a variety of adapters
Rapid Deployment	All that is required to begin logging is to plug the instrument cable into the main pressure vessel.
Rugged	Rated for 3000-meter depth and down to -40 degrees
Modularity	Could easily be used to collect data from other sensors beyond the ISD4000



Sensor Specs: ISD4000 Impact Subsea			
Temperature		Pitch & Roll	
Accuracy	±0.1°C	Accuracy	0.2° RMS
Resolution	0.001°C	Resolution	0.1°



Minilogger Metrics	
Data Storage	32 Gb
Battery Capacity	120 Wh
Power Consumption	.9 W
Logging Rate	1 Hz

