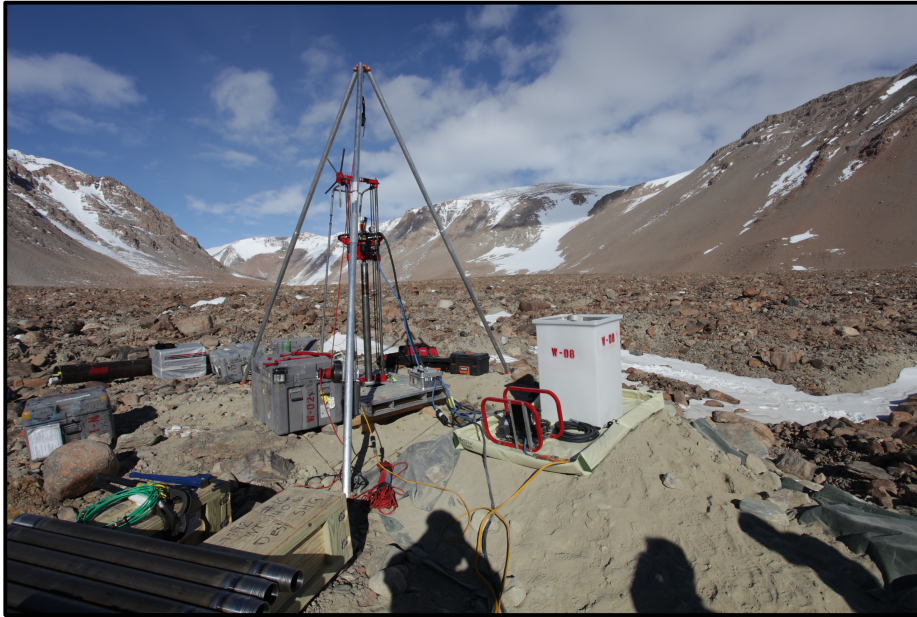


# The Oldest Ice on Earth?

*University of North Dakota, Vanderbilt University, and Berkeley Geochronology Center*



We are studying a buried ice mass in Ong Valley in the Transantarctic Mountains, Antarctica. The ice has been suggested to be greater than 1.1 million years old, and some of Earth's oldest ice. We are measuring cosmogenic nuclide concentration in both the ice and the above lying till to determine the age of the ice and rate at which it is sublimating.



**Visitor:** Marie Bergelin

**Visit dates:** October 8 - October 26 2018

Marie Bergelin is a Ph.D. student at University of North Dakota. She is originally from Copenhagen, Denmark and has been in the United States for the past 10 years. She is an active person and enjoys outdoor activities such as golf, running, biking, and swimming.