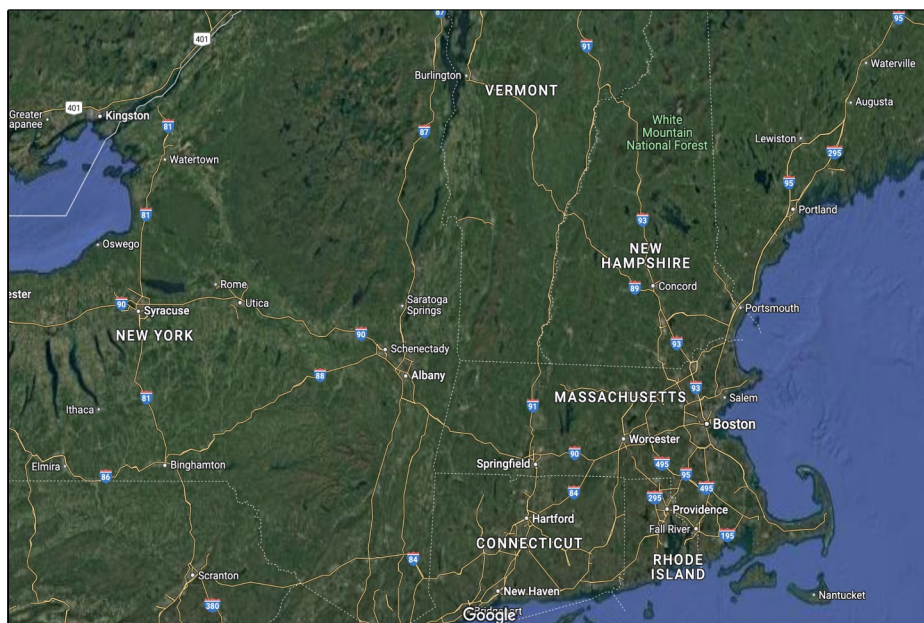


Cosmogenic Nuclide Dating Glacial Till of the NE United States to Determine Rock Inheritance

Oberlin College



This summer as part of the Hickman program, we are analyzing glacial retreat by analyzing existing isotope data and conducting fieldwork in the Northeastern US. We visited various quarries and geological cores to collect viable glacial deposit samples and will now perform 10-Be and 26-Al extraction at the University of Vermont. We hypothesize that there is less cosmogenic inheritance towards the Canadian border.



Visitor: Madisyn Burke
Visit dates: July 14-18, 2025

Madisyn Burke is a Geosciences/Environmental Studies double major from Chicago, IL studying at Oberlin College. She is passionate about scientific communication and excited to learn more about data collection to promote environmental justice.