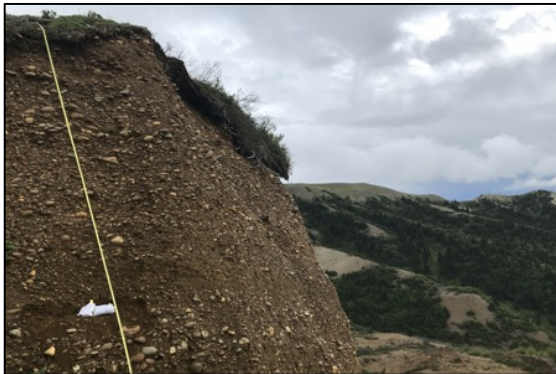


# From basin to range since Pliocene time? Dating Nenana Gravel deposition (central Alaska, USA)

*U.S. Geological Survey Alaska Science Center*



The Nenana Gravel (NG) is a regionally extensive ancient basin deposit that is now perched atop the northern Alaska Range foothills (north-tilted range front panels shown above). Thought to record the Pliocene and younger erosion of the rising Alaska Range, depositional ages of the NG will illuminate global climate-erosion linkages and regional long-term landscape related to modern critical mineral deposits and seismic hazards.



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I'm a Research Geologist at the U.S. Geological Survey Alaska Science Center where I study how Alaska's landscapes record and adjust to climatic change, earthquake-related rock uplift, and/or human action over the past century.