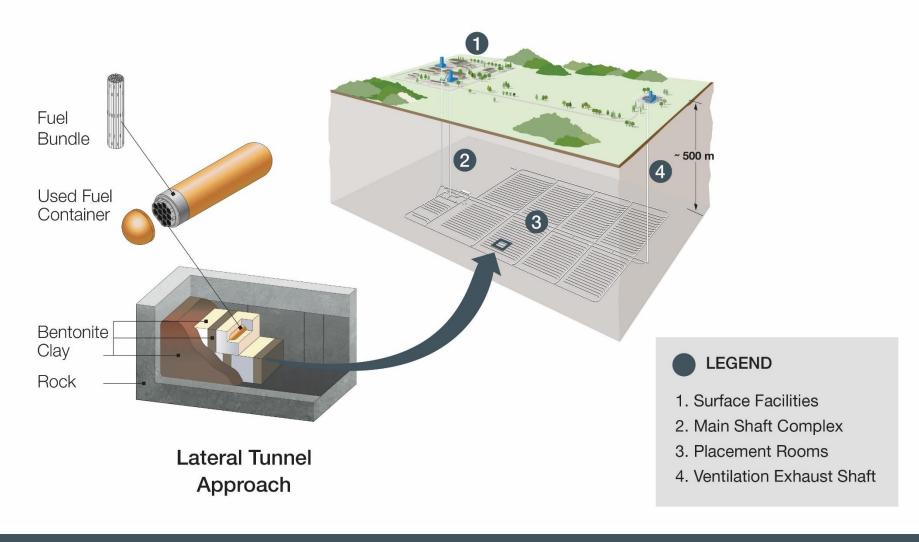




Monique Hobbs, Ph.D., P. Geo Siting Project Coordination Manager NWMO



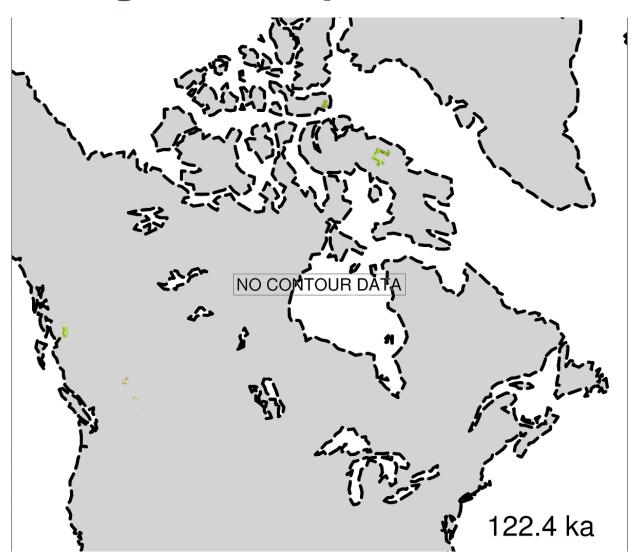
Deep Geological Repository (DGR)



Protect people & the environment ~ one million years



Changes in the past



U of T Glacial Systems Model

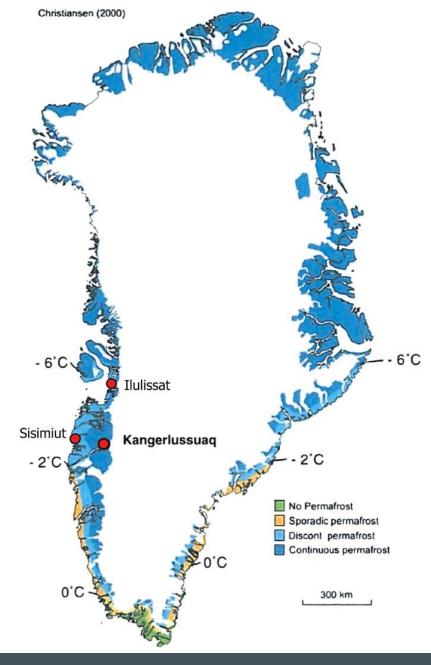
Partners in Research







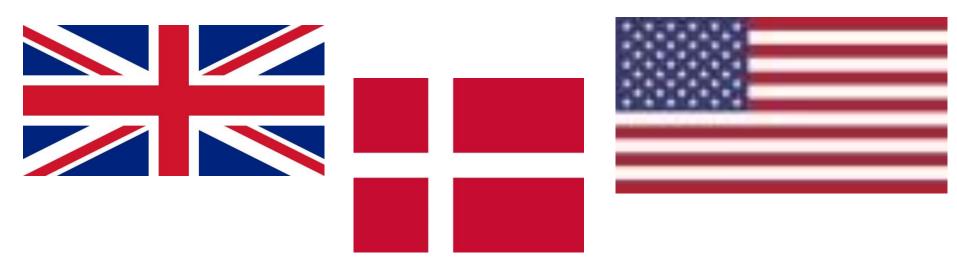
2008-2013



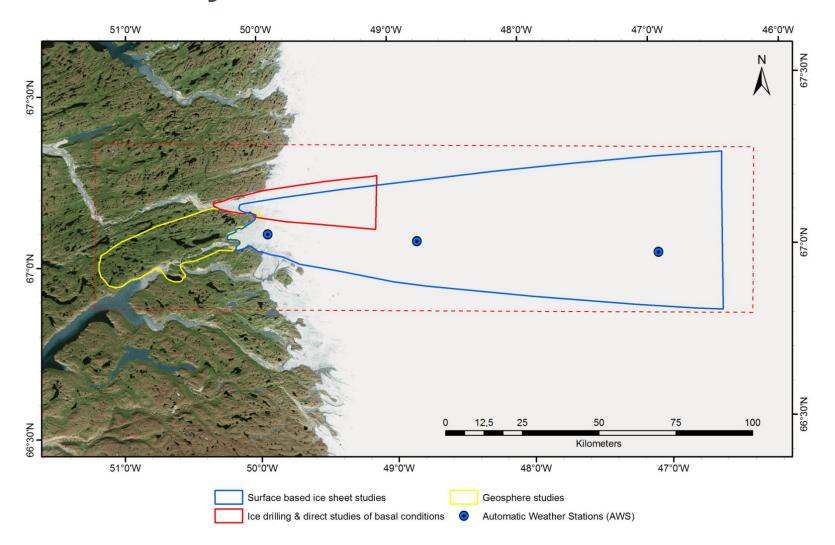




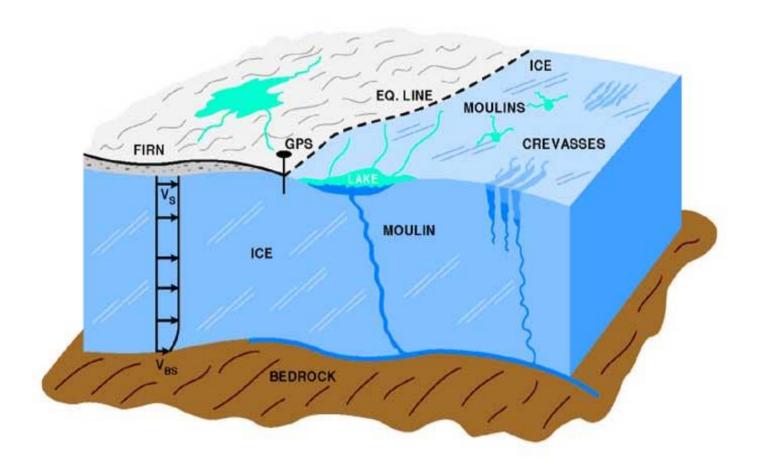
Scientists, Engineers, Technical Specialists...



GAP Study Area

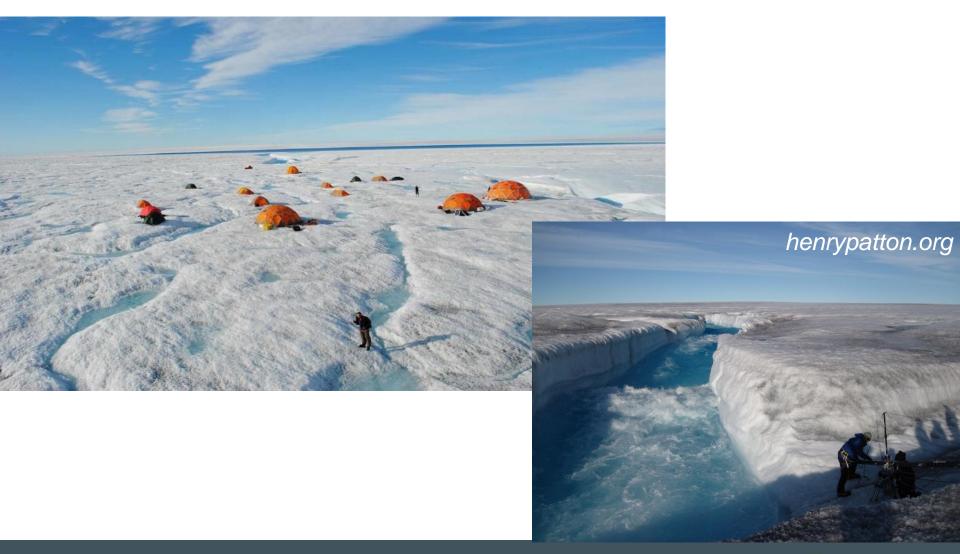


Meltwater – where it forms, where it goes

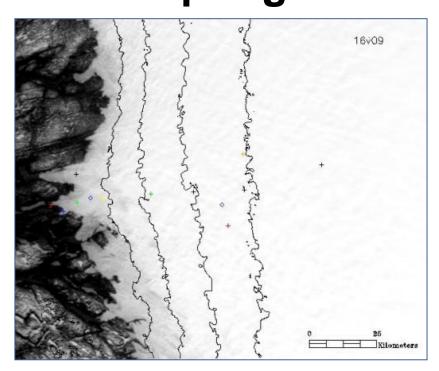




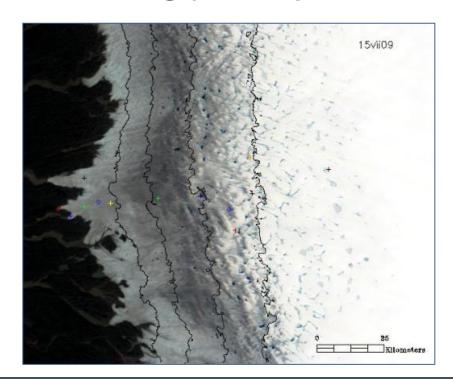
At the ice sheet surface



Lakes form on top of the ice sheet Spring

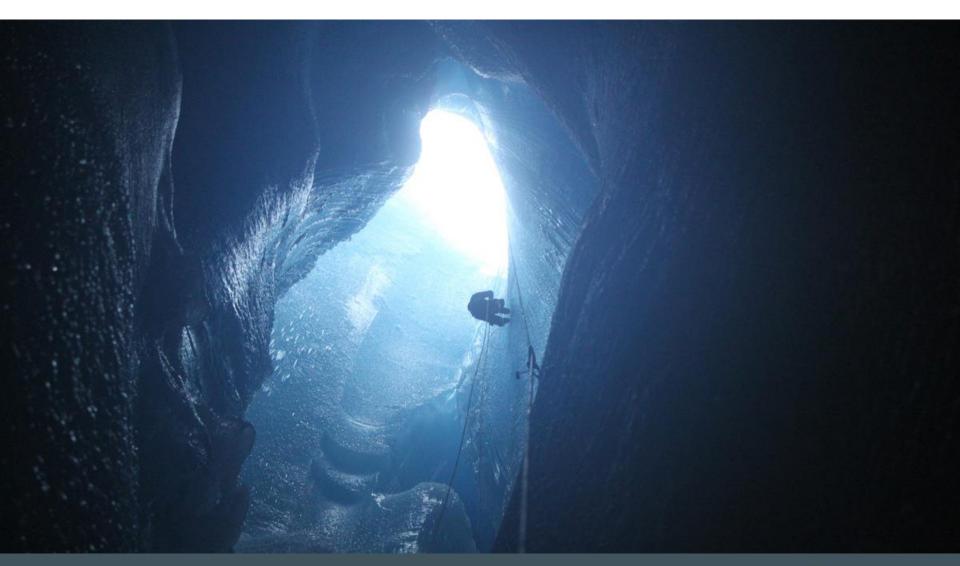


Summer

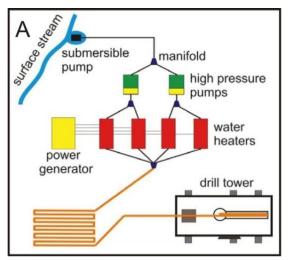


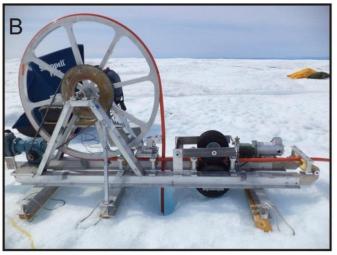
Remote sensing images

Within & below the ice sheet



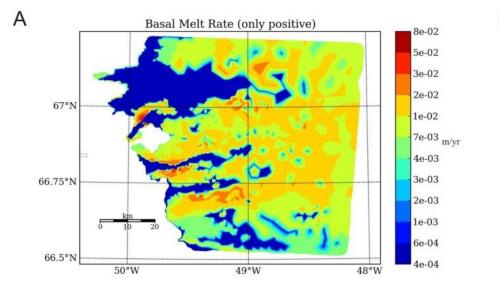
Drilling through the ice sheet

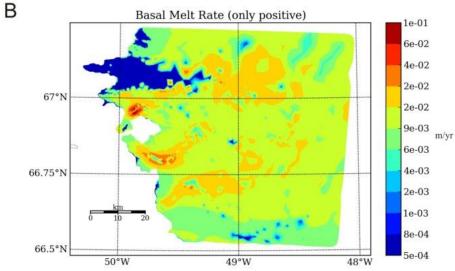




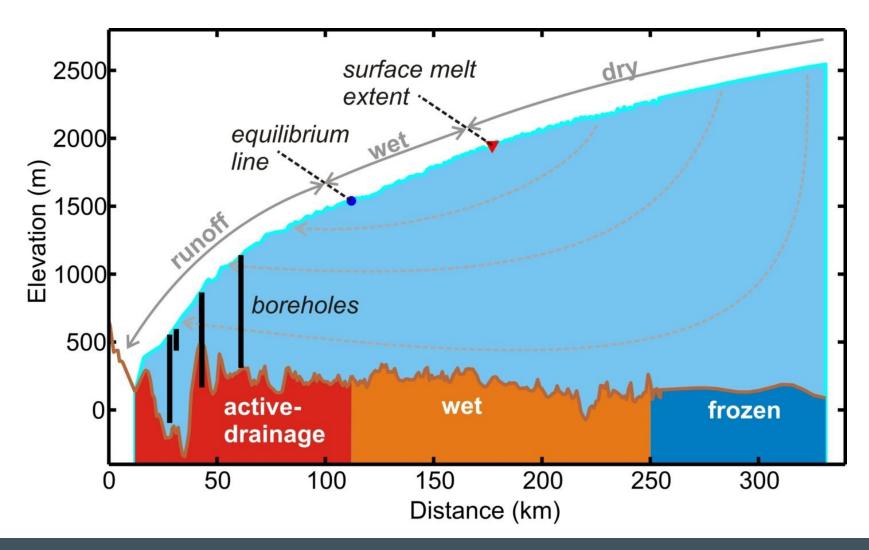


Melt water formed under the ice sheet

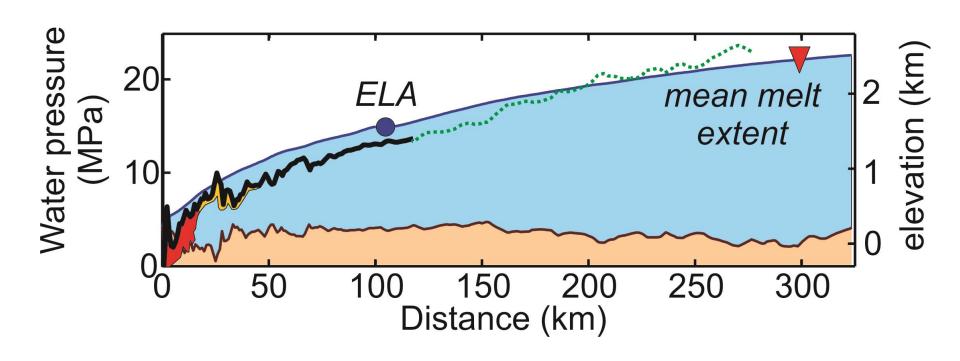




Under the ice sheet



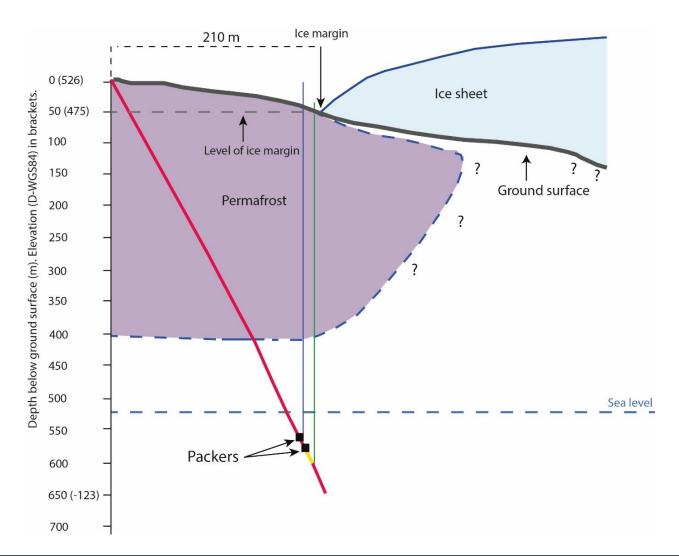
Water pressure under the ice sheet



Through the rock & underneath the ice

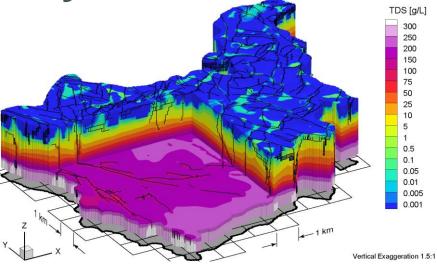


Depth of frozen ground (permafrost)



Building a case for safety







Thank you!

