

Permafrost Research at University of Calgary

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Mackenzie Delta

- Limited active layer probing and GPR transects focusing on selected disturbed and undisturbed sites. since (1990)

Bylot Island

- Active layer detachment monitoring (since 1993)
- Active layer temperatures and weather data monitoring (continuous since 1999)
- Glacial extent monitoring (since **first** air photographs in 1948)
- Glacial mass balance monitoring using DGPS (new)
- Glacial hydrology/permafrost and ground ice interactions (since 1993)

Cordillera & Yukon (numerous sites)

- Process studies
- Climate and permafrost temperature monitoring
- System Dynamics
- Glacier ice sheet dynamics and ice climate interaction - numerical modelling