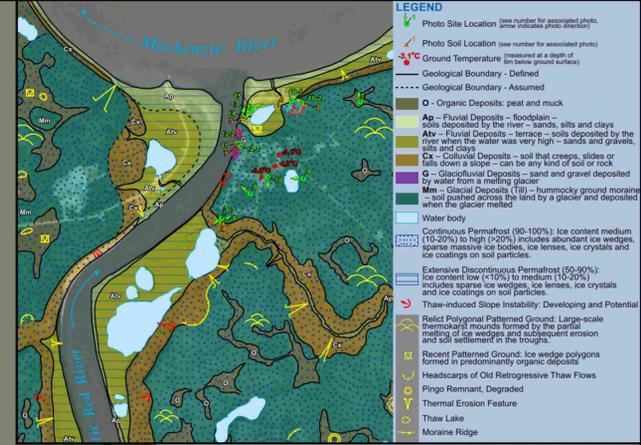
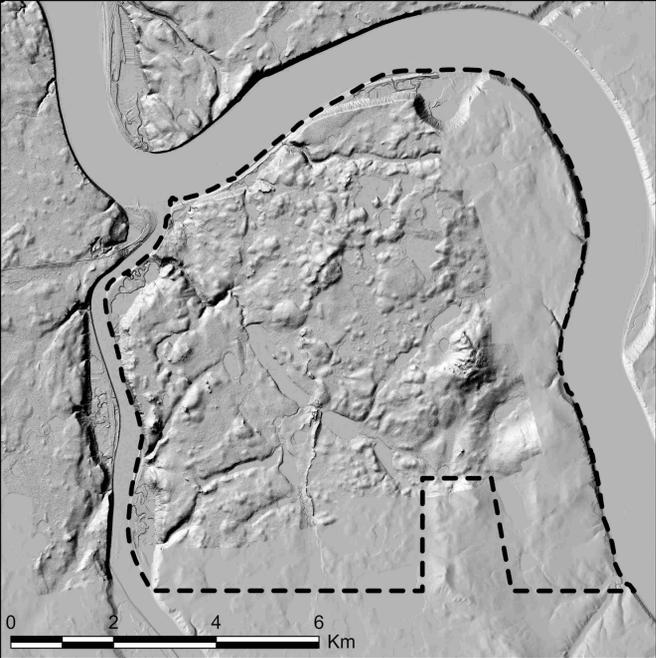


### Erosion-related Considerations

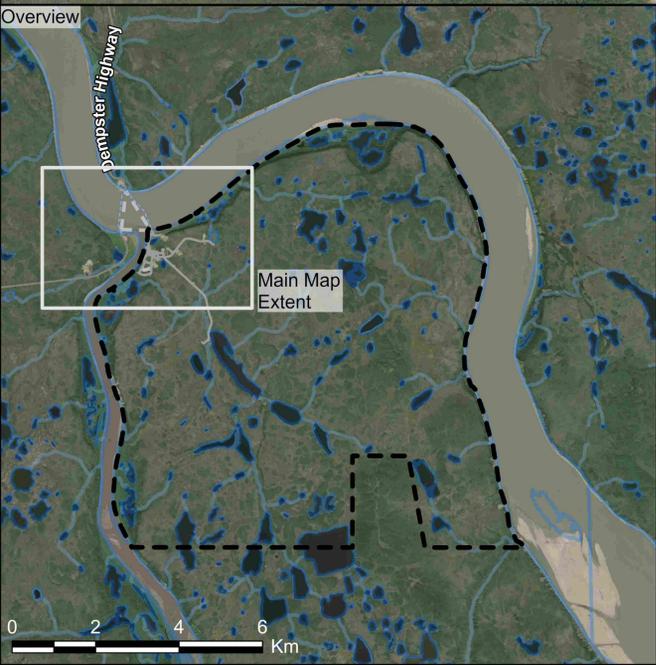
- Community is situated on the outer bend of Arctic Red River, where it meets Mackenzie River
- Growth of nearby ponds over time is a result of thawing ice-rich permafrost
- Thaw flows caused by erosion of the slope toe and thawing ice-rich permafrost are impacting the cemetery
- Some mitigation has previously been proposed but it is recognized that multiple drivers of instability must be addressed



Surficial geology and permafrost mapping (EBA, 2011)



Thaw slide near cemetery (EBA, 2011)



## TSIIGEHTCHIC

— Highways	----- Trails
--- Ferries	----- Winter Roads
--- Resource/ Recreation Roads	□ Lake
— Local Streets	--- Municipal Boundary

**NORTH**

**NWT Association of Communities**  
Connecting Community Governments Since 1988

June, 2024 Imagery (Vantor, Earthstar Geographics)

0 100 200 300 400 m