

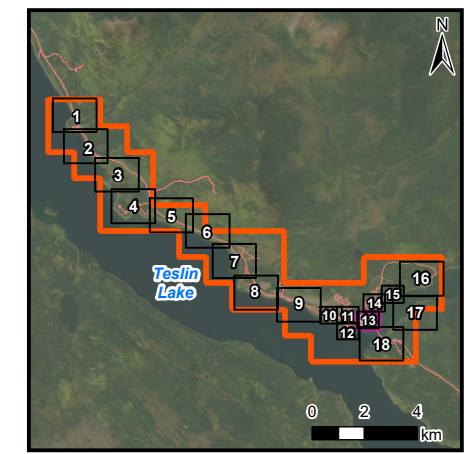


LEGEND

- Study Area
- 5% AEP Climate Change Flood Inundation
- Potential Additional Inundation Due to Wave Runup at 5% AEP with Climate Change
- First Nation Settlement Lands - Surveyed
- Flood Berm
- Protected by Flood Berm in Static Lake Conditions* (no wave runup)
- 50% AEP
- 5m Index LiDAR Contour
- 1m LiDAR Contour
- Highway
- Local Road
- Bridge

686.28 m Inundation Level
 (686.57 m) Inundation Level with Wave Runup

* Hatching shows areas protected by flood berms for this AEP (static lake elevation only – not considering wave runup). Flood berms protect an area from flooding up to a design water level, and can be overtopped or bypassed if flood levels exceed the height of the berms at one or more locations.



NOTE(S)

1. PROJECTION: NAD 1983 YUKON ALBERS; VERTICAL DATUM: CGVD2013
2. ELEVATIONS IN METRES ABOVE SEA LEVEL (MSL) DERIVED FROM 2023 LIDAR.
3. PROJECT PARTIALLY FUNDED BY THE GOVERNMENT OF CANADA
4. WAVE RUNUP EXTENTS BASED ON TYPICAL SHORELINE TRANSECTS. BERMS, OTHER STRUCTURES, OR VEGETATION THAT MAY INFLUENCE WAVE ACTION WERE NOT CONSIDERED.

REV 0 - ISSUED AS FINAL (24/09/25)

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE – YUKON, CANADA
2. IMAGERY PROVIDED BY GOVERNMENT OF YUKON (2023)
3. ADDITIONAL IMAGERY SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY



Teslin Flood Mapping Study

**Teslin Study Area
 Estimated 5% Annual Exceedence
 Probability (AEP) Event
 Under Climate Change Conditions**

20 0 20
 Metres
 1:2,500

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSIB