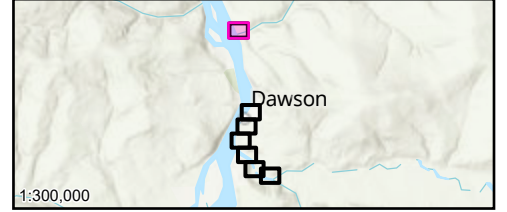
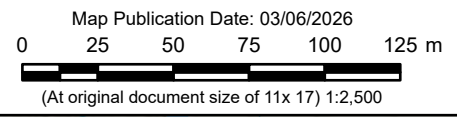


- River Flow Direction
- Ground Elevations of Interest
- Highway Kilometer Post
- Cross-Section Number
WSE (m) Along Cross-Section
- Major Contour (5m)
- Minor Contour (1m)
- Surveyed Cross-Sections
Used in Hydraulic Model
- Tr'ondëk Hwëch'in
Settlement Land
- Approximate 50% AEP
Open Water Flood
Inundation
- Inundation Under
Modelled Open Water
Runs
- Inundation Under
Modelled Breakup Ice Jam
Runs
- Composite Open Water
and Ice Jam Inundation
Extent
- Inundation Extent From
Subsurface Seepage
- Potential Presence of Ice
Debris During Jam
Scenario
- Ice Jamming Extents



- Notes**
1. Coordinate System: NAD 1983 CSRS UTM Zone 7N Vertical Datum: CGVD2013, Geoid: CGG2013a
 2. Data Sources: GeoYukon, Canada Lands Survey (CLS) CCM 982, CANVEC
 3. Flood hazard extents shown on these maps are based on LIDAR collected in July, 2019 and topographical and bathymetric data that was collected in June and September 2024.
 4. 50% AEP inundation lines are based on the 50% AEP flow estimate simulation in the hydraulic model which has been calibrated for higher AEP flood events and therefore should be considered approximate.
 5. The content of these Composite Flood Hazard Maps is based on the methods, assumptions, limitations, and analysis documented in the Dawson City and Klondike Valley Flood Mapping Study produced for Yukon Government. Composite Hazard Maps are based on the available data which is current to the time the maps were produced. Such data contains inherent limitations given that the climatic conditions and geomorphic conditions are constantly evolving and cannot be predicted with certainty.