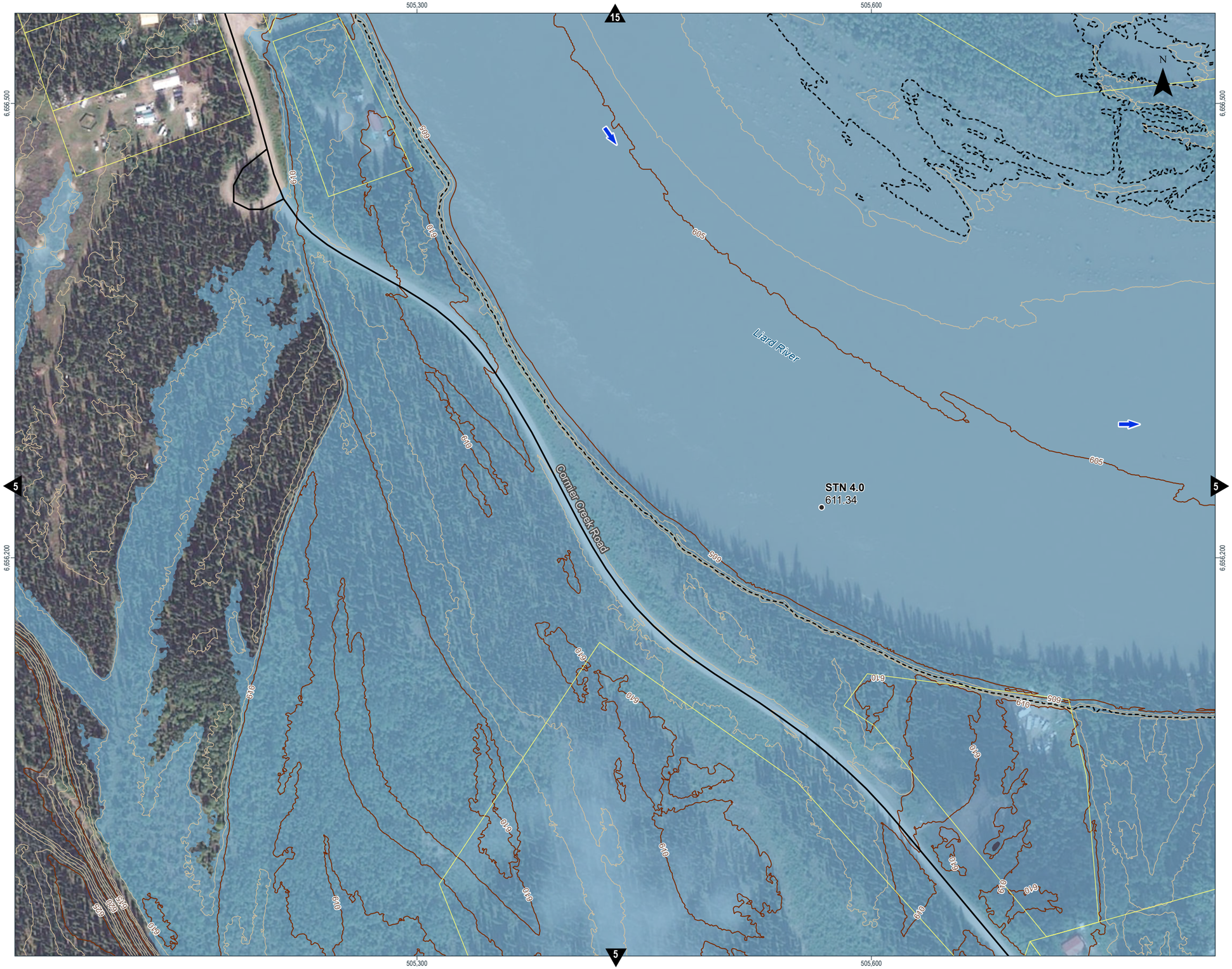

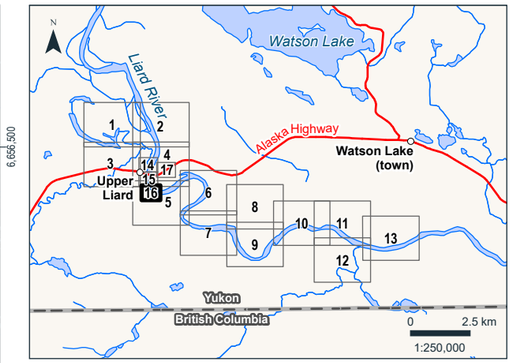

FLOOD HAZARD MODELLING

- STN 0.0 / 611.04 — Stationing / Inundation Levels (m)
- 611.13 — Ground Levels (m)
- Average Annual Peak (50% AEP)
- Flood Inundation 0.5% AEP
- Flow Direction
- Area of Interest
- LiDAR Extent

ROAD NETWORK

- Bridge
- Culvert
- Major Road
- Local Road

TOPOGRAPHY

- 600 — Index Contour - 5 m Interval
- Contour - 1 m Interval

BOUNDARY

- First Nation Settlement Lands - Unsurveyed
- Land Parcel

Yukon Canada

AtkinsRéalis

UPPER LIARD FLOOD MAPPING STUDY

Estimated 0.5% Annual Exceedance Probability (AEP) Event Under Climate Change Conditions

Sources :
CANVEC, 1 : 50,000, NR Canada, 2025
LiDAR capture by McElhanney Ltd on August 2 and 8, 2024
Bathymetry Survey by AtkinsRéalis from June 4 to 18, 2025
Contour Lines derived from LiDAR survey, Government of Yukon
GeoYukon, Map Services, Government of Yukon, 2025 (Yukon Road Network; Yukon Borders - Surveyed; First Nation Settlement Lands - Unsurveyed; Yukon Place Names)
High resolution satellite images, Government of Yukon, updated to 2023 acquisitions
Flood Hazard Modelling, AtkinsRéalis, December 2025

Project 705450
Coordinate System : NAD83 (SCRS) UTM Zone 9N
Vertical datum : CGVD2013 / Geoid : CGG2013 a

0 25 50 m
1:2,500

PRELIMINARY - Rev2

January 2026

Sheet 16 of 17

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