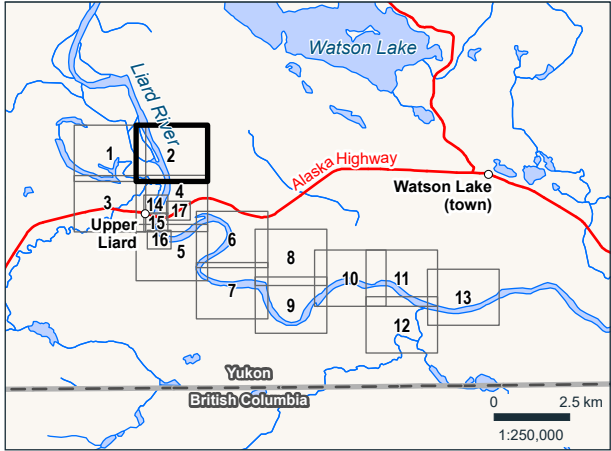
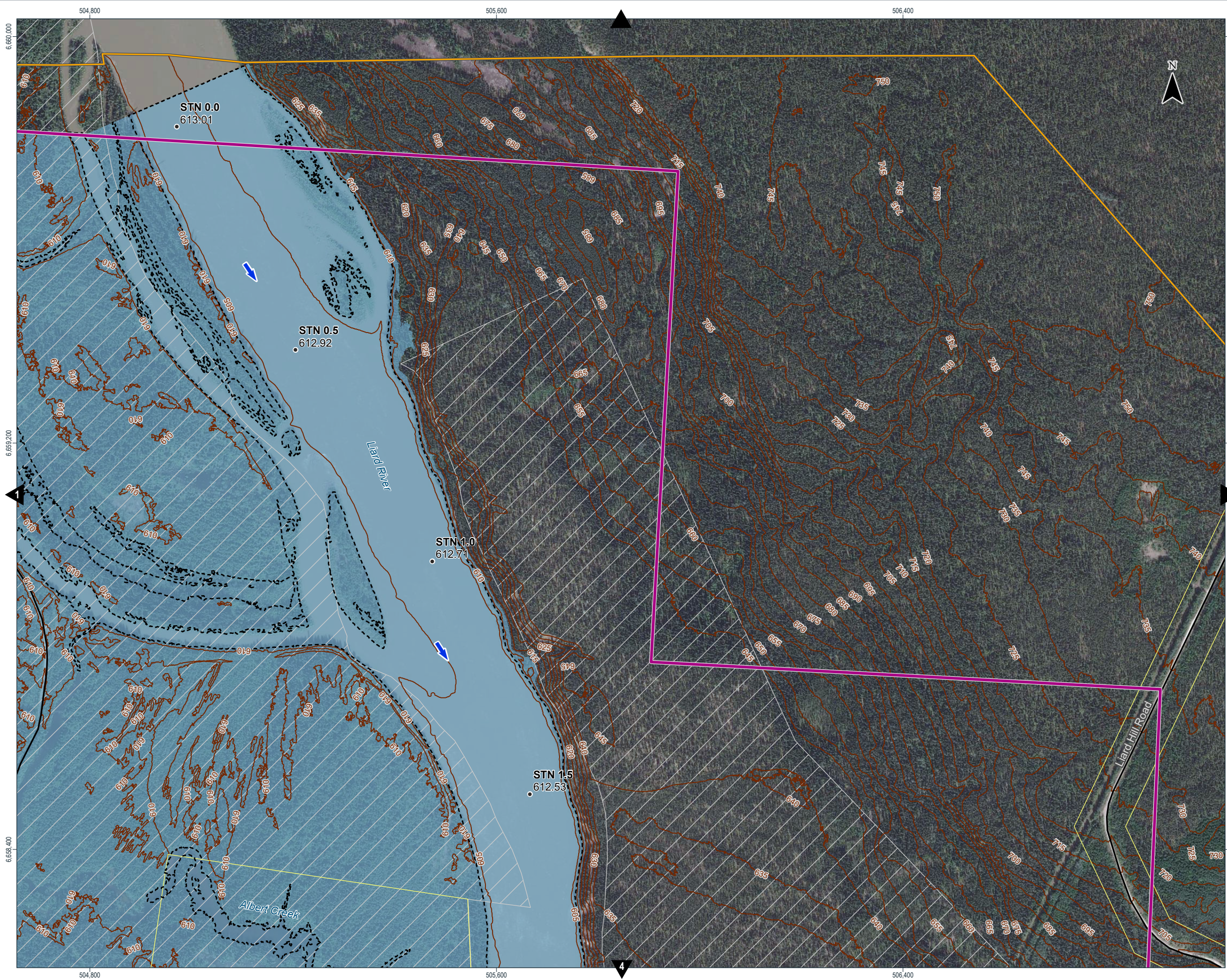




FLOOD HAZARD MODELLING

- STN 0.0** Stationing
- 611.04** Inundation Levels (m)
- 611.13** Ground Levels (m)
- Average Annual Peak (50% AEP)
- Blue Area** Flood Inundation 0.5% AEP
- Blue Arrow** Flow Direction
- Pink Polygon** Area of Interest
- Yellow Line** LiDAR Extent

ROAD NETWORK

- Orange Diamond** Bridge
- Purple Circle** Culvert
- Red Line** Major Road
- Black Line** Local Road

TOPOGRAPHY

- Brown Line** Index Contour - 5 m Interval

BOUNDARY

- White Box** First Nation Settlement Lands - Unsurveyed
- Yellow Box** Land Parcel



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

PRELIMINARY - Rev2



January 2026

Sheet 2 of 17