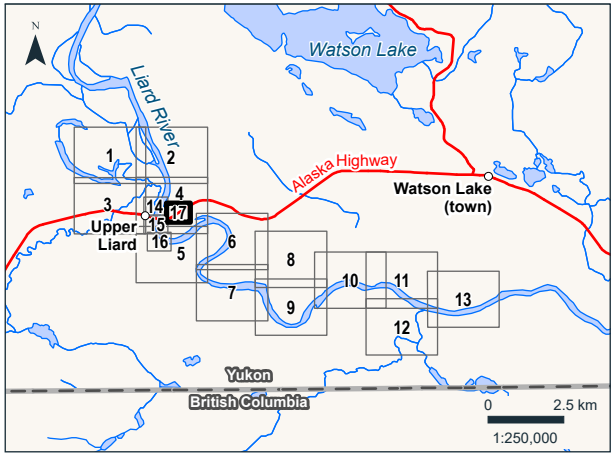
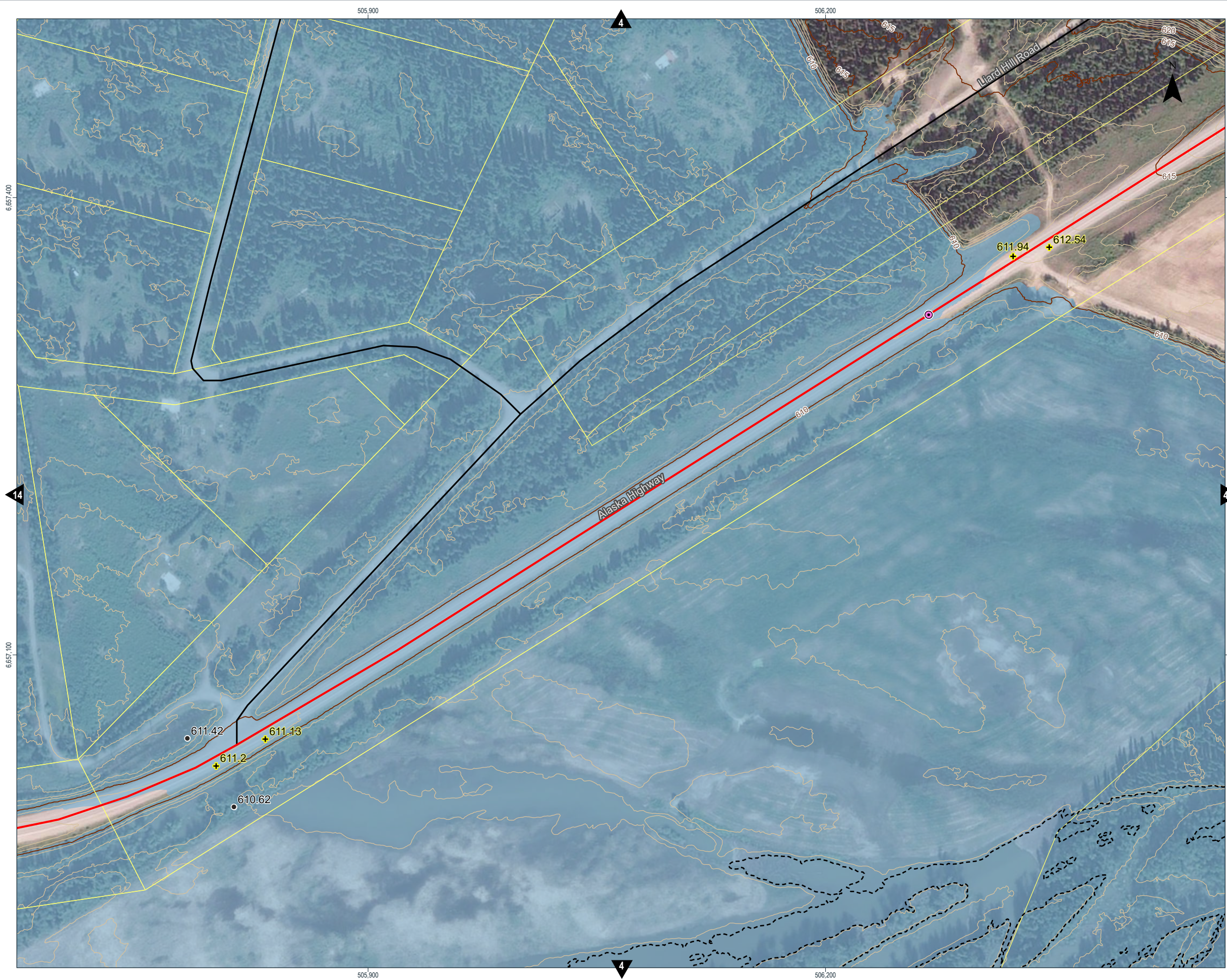




FLOOD HAZARD MODELLING

- STN 0.0** Stationing
● 611.04 Inundation Levels (m)
+ 611.13 Ground Levels (m)
- - - Average Annual Peak (50% AEP)
Flood Inundation 1% 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



UPPER LIARD FLOOD MAPPING STUDY

Estimated 1% 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 17 of 17