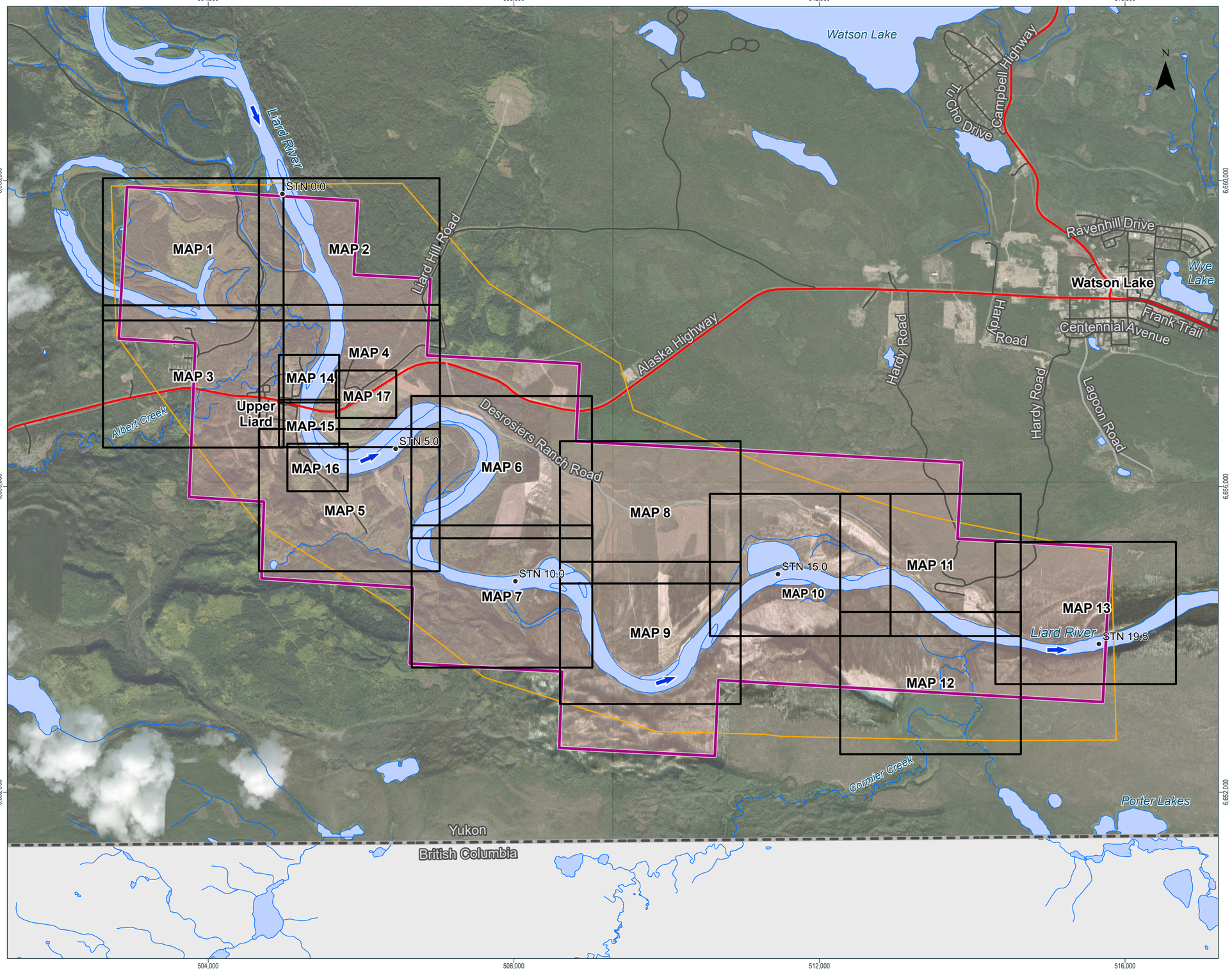

Sheet Footprint

FLOOD HAZARD MODELLING

- STN 0.0 Stationing
- Flow Direction
- Area of Interest
- LiDAR Extent

ROAD NETWORK

- Major Road
- Local Road

BOUNDARY

- Yukon Border/Boundary

The accuracy of the flood extent does not exceed the accuracy of the terrain data. AtkinsRéalis will not be held responsible for interpretations made by its users of this document.

Yukon Canada

AtkinsRéalis

UPPER LIARD FLOOD MAPPING STUDY

Estimated 5% Annual Exceedance Probability (AEP) Event

Sources :
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Flood Hazard Modelling, AtkinsRéalis, December 2025

Project 705450

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

0 500 1,000 m
1:50,000

FINAL

March 2026

Index Map

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503,200 504,000 504,800

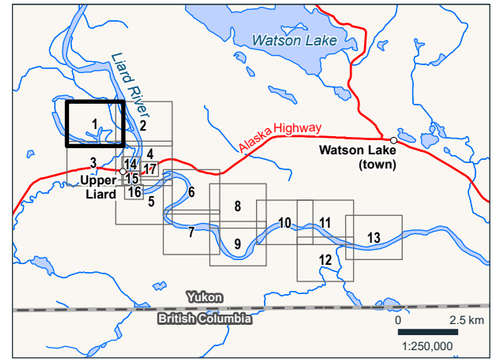
6,660,000 6,659,200 6,658,400

N

Liard River

STN 0.0
610.85

610



FLOOD HAZARD MODELLING

STN 0.0 Stationing
611.04 Inundation Levels (m)

611.13 Ground Levels (m)

Average Annual Peak (50% AEP)

Flood Inundation 5% AEP

Flow Direction

Area of Interest

LiDAR Extent

ROAD NETWORK

Bridge

Culvert

Major Road

Local Road

Road (unmaintained)

TOPOGRAPHY

600 Index Contour - 5 m Interval

BOUNDARY

First Nation Settlement Lands - Unsurveyed

Land Parcel

Yukon Canada

AtkinsRéalis

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FINAL

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1:7,500

March 2026

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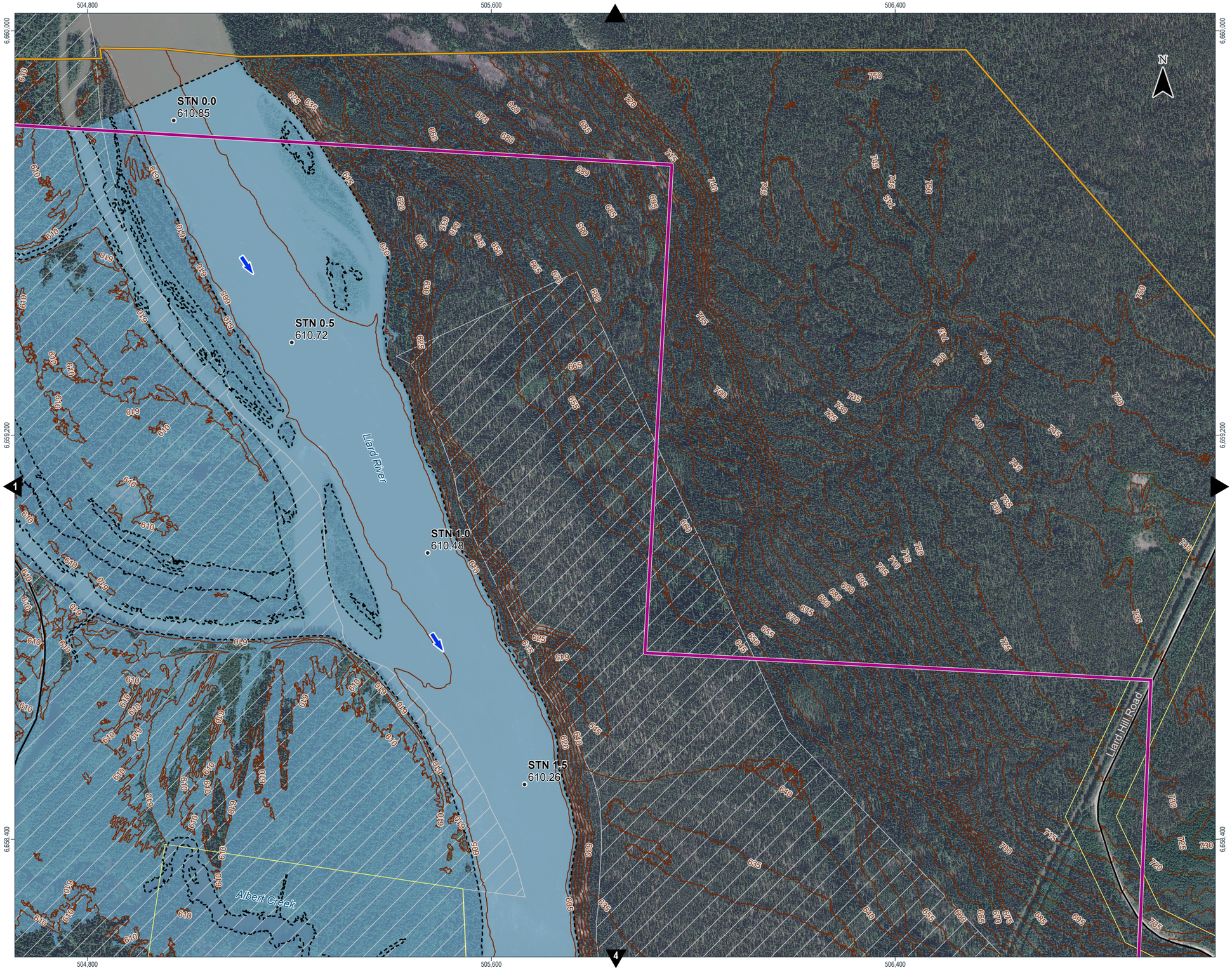

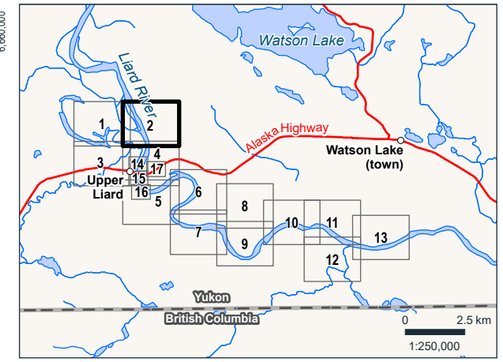

FLOOD HAZARD MODELLING

- **STN 0.0** Stationing
- 611.04 Inundation Levels (m)
- 611.13 Ground Levels (m)
- Average Annual Peak (50% AEP)
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- Bridge
- Culvert
- Major Road
- Local Road
- Road (unmaintained)

TOPOGRAPHY

- 600 Index Contour - 5 m Interval

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March 2026

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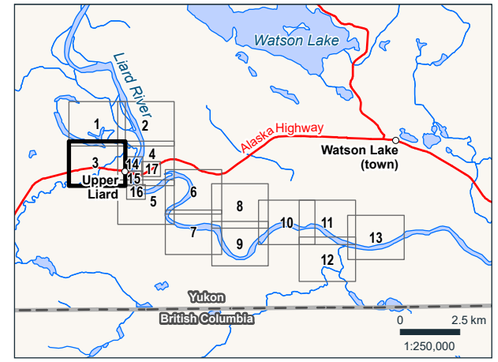
503,200
504,000
504,800
6,657,600
6,656,800
N
1
2
3
4
Little Moon Road
Albert Creek Road
New Moon Road
Full Moon Road
Alaska Highway
Albert Creek Bridge
Upper Liard Road
Upper Liard
Cormier Creek Road
Albert Creek



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FINAL

March 2026

Sheet 3 of 17

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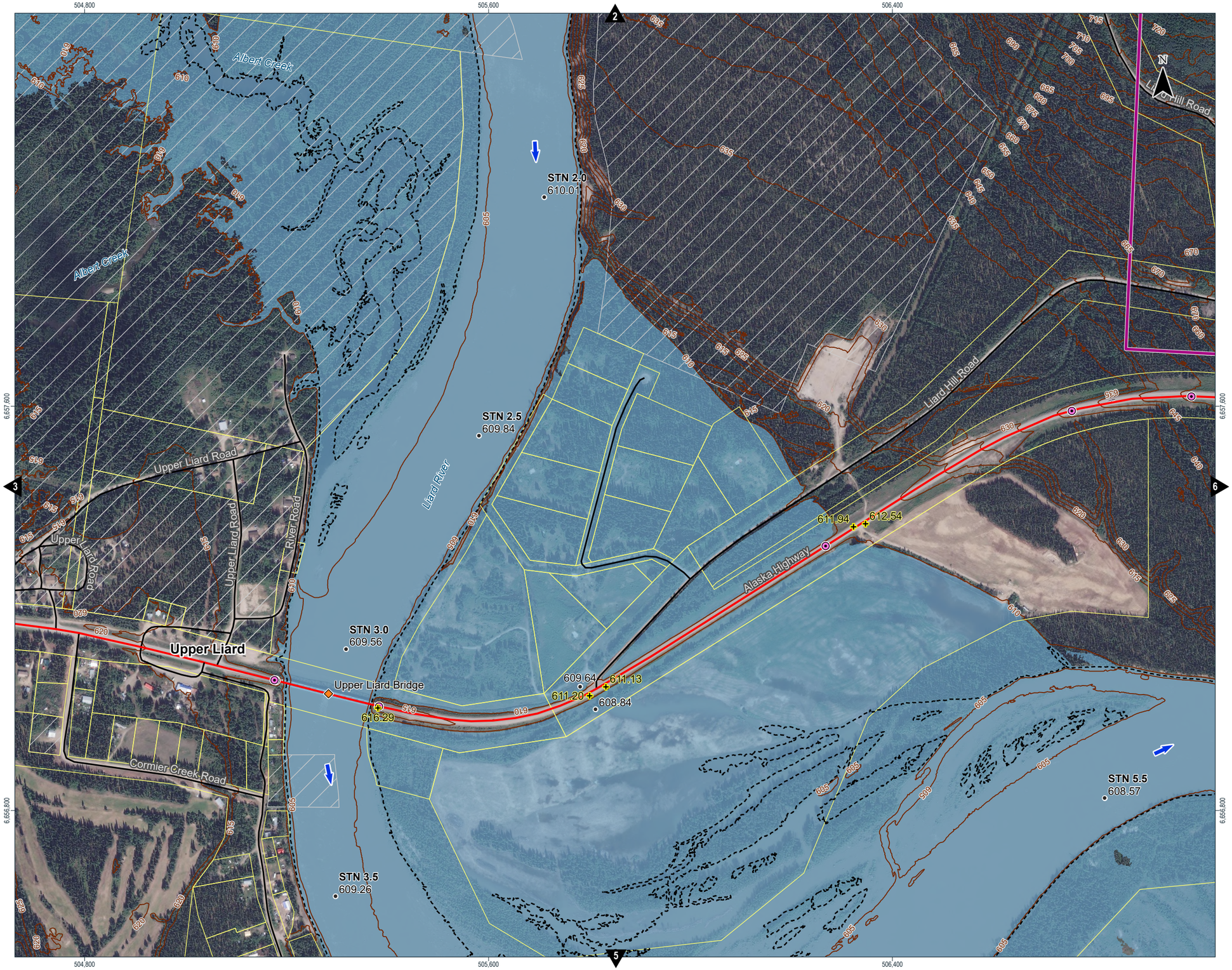

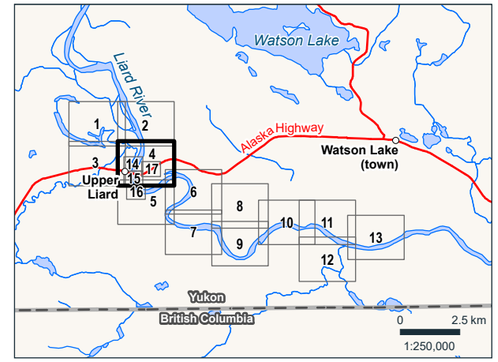

FLOOD HAZARD MODELLING

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- Average Annual Peak (50% AEP)
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ROAD NETWORK

- Bridge
- Culvert
- Major Road
- Local Road
- Road (unmaintained)

TOPOGRAPHY

- 600 — Index Contour - 5 m Interval

BOUNDARY

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AtkinsRéalis

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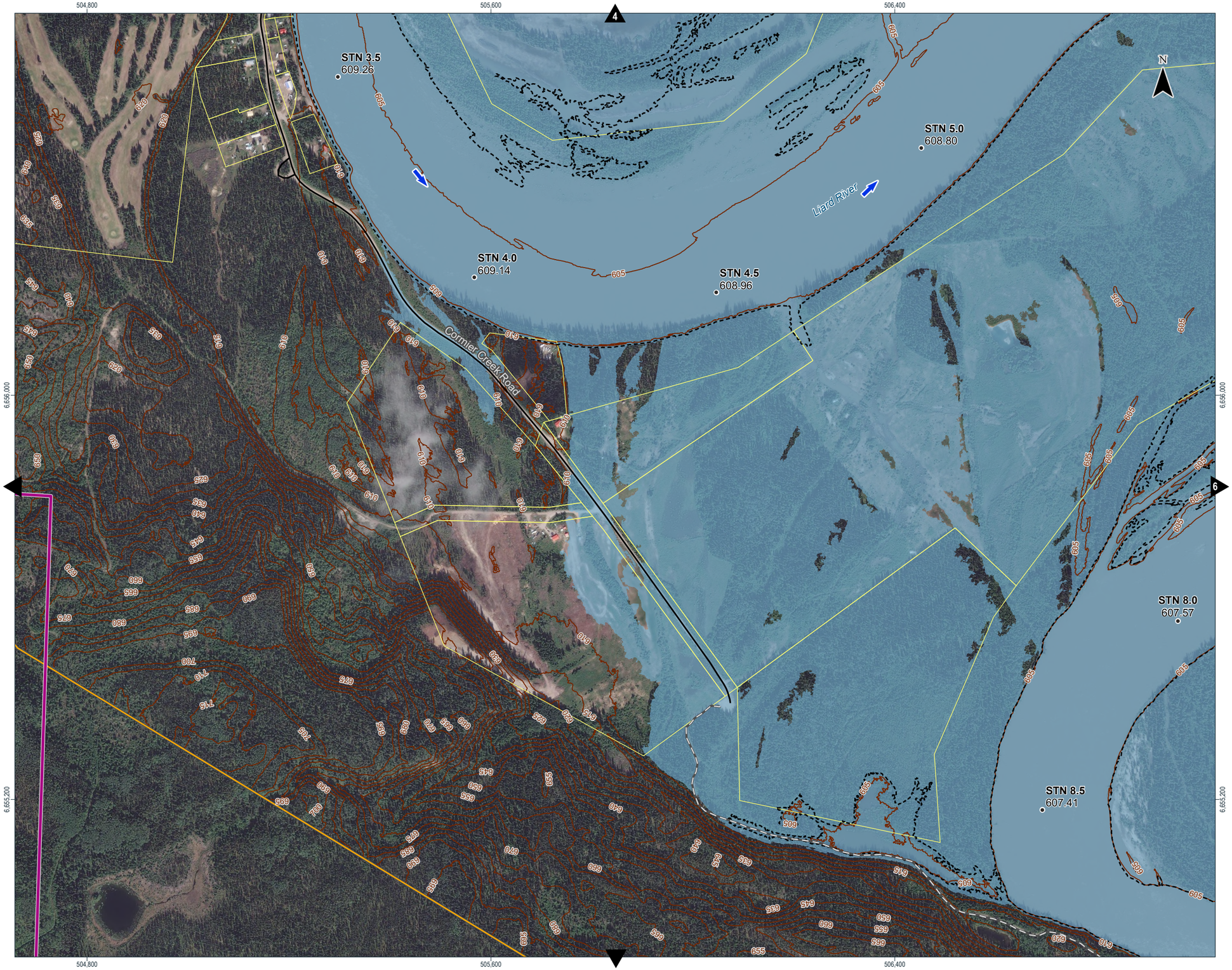

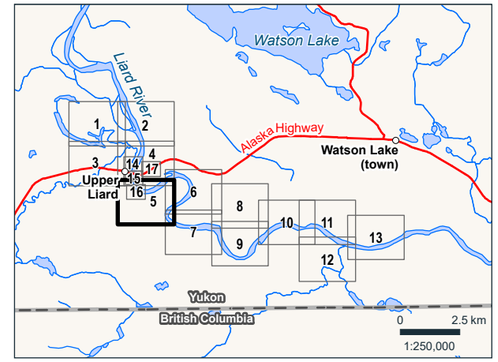

FLOOD HAZARD MODELLING

- **STN 0.0** 611.04 — Stationing, Inundation Levels (m)
- 611.13 — Ground Levels (m)
- Average Annual Peak (50% AEP)
- Flood Inundation 5% AEP
- Flow Direction
- Area of Interest
- LiDAR Extent

ROAD NETWORK

- Bridge
- Culvert
- Major Road
- Local Road
- Road (unmaintained)

TOPOGRAPHY

- 600 — Index Contour - 5 m Interval

BOUNDARY

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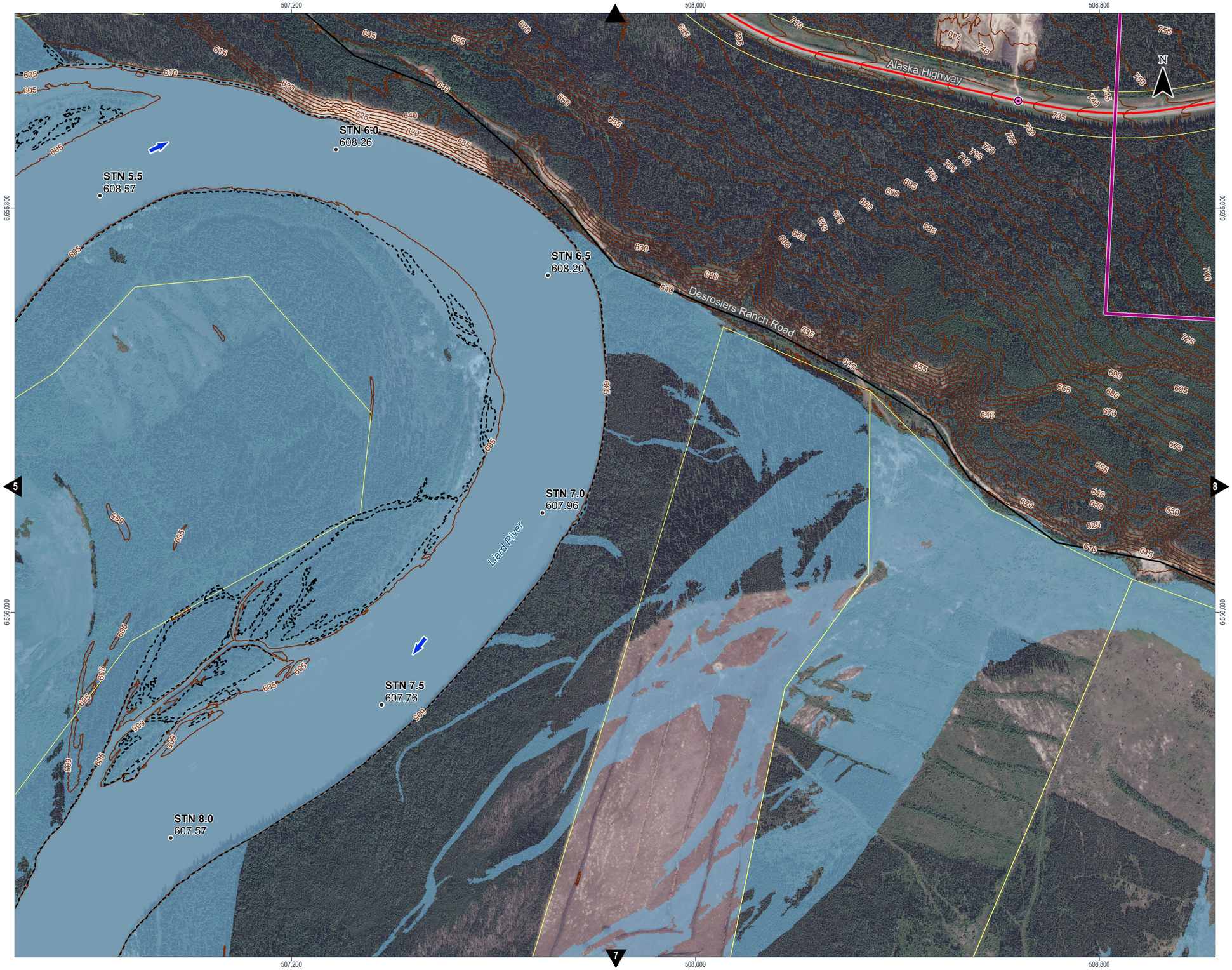

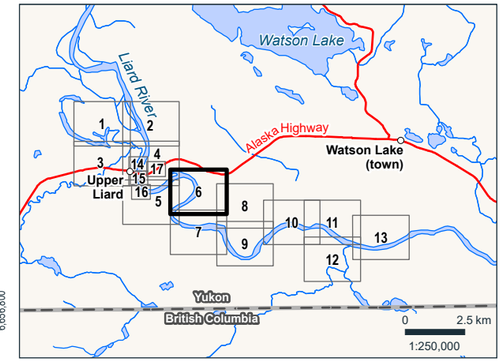

FLOOD HAZARD MODELLING

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ROAD NETWORK

- Bridge
- Culvert
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TOPOGRAPHY

- 600 — Index Contour - 5 m Interval

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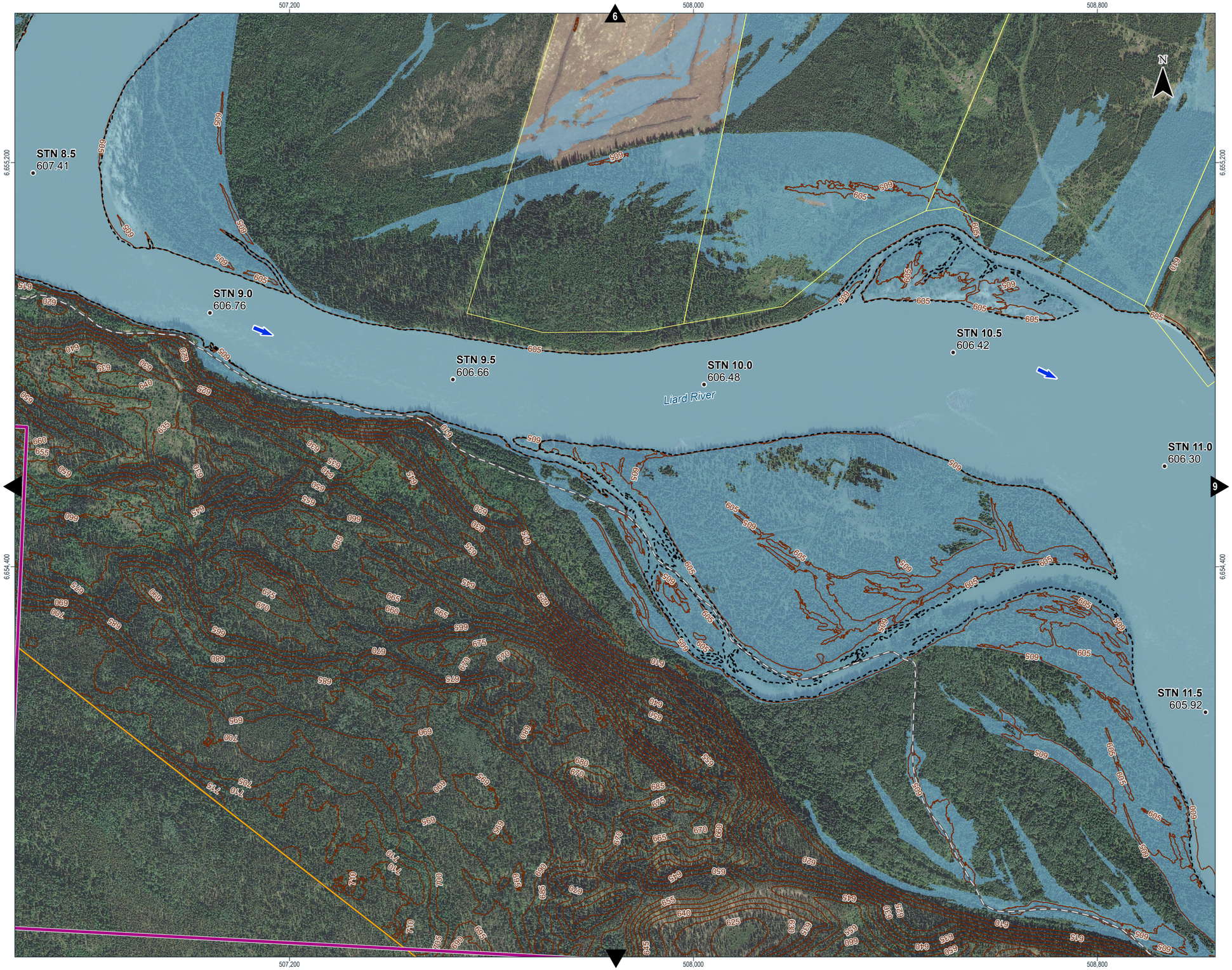

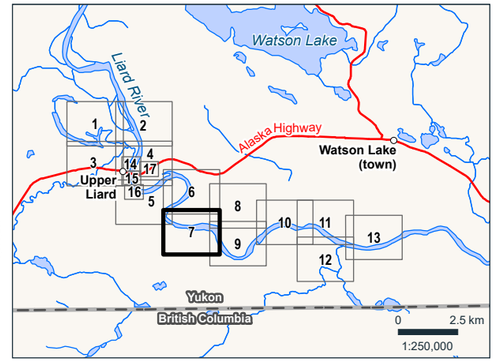

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TOPOGRAPHY

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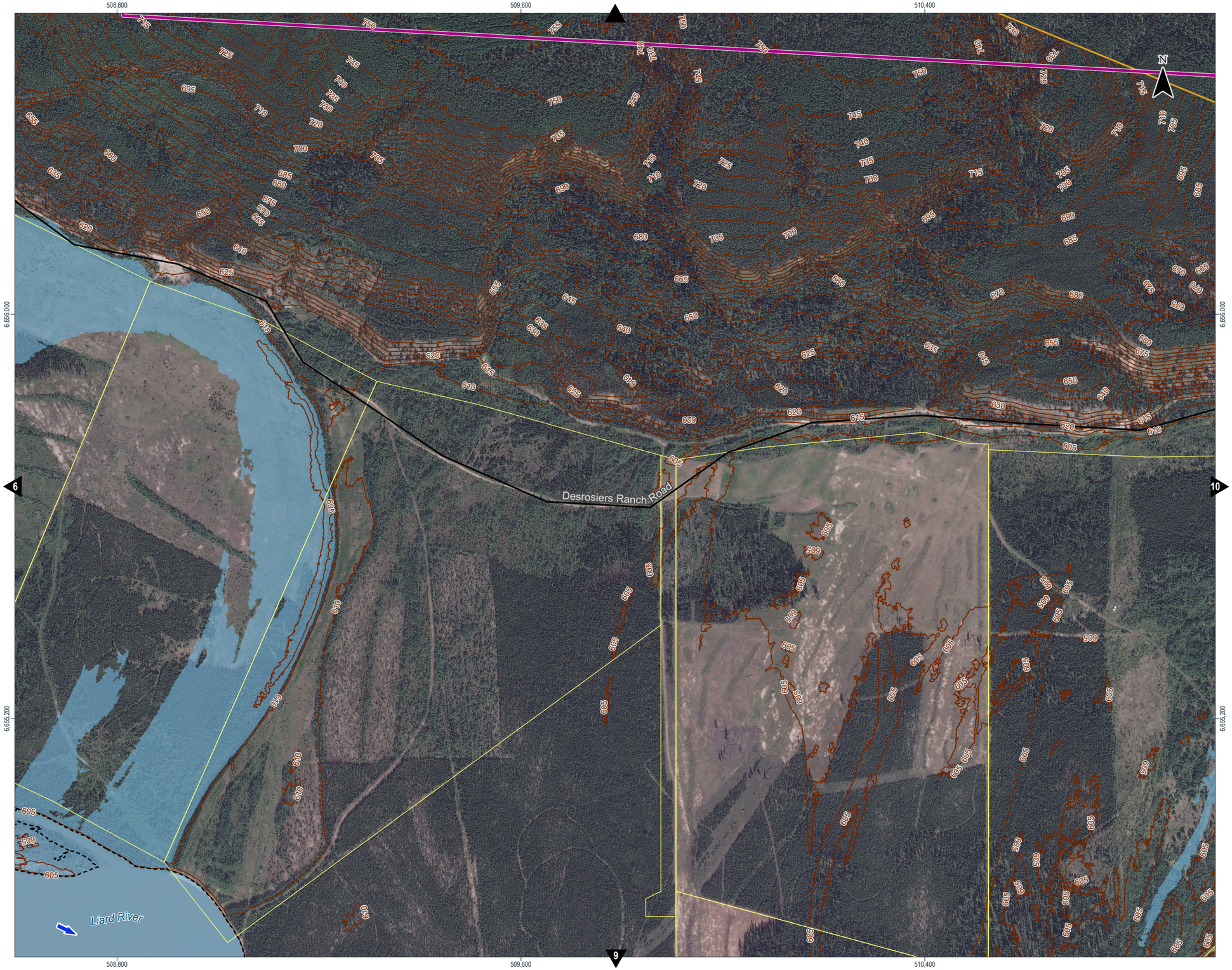

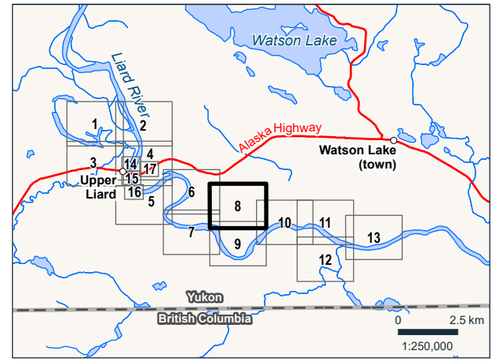

FLOOD HAZARD MODELLING

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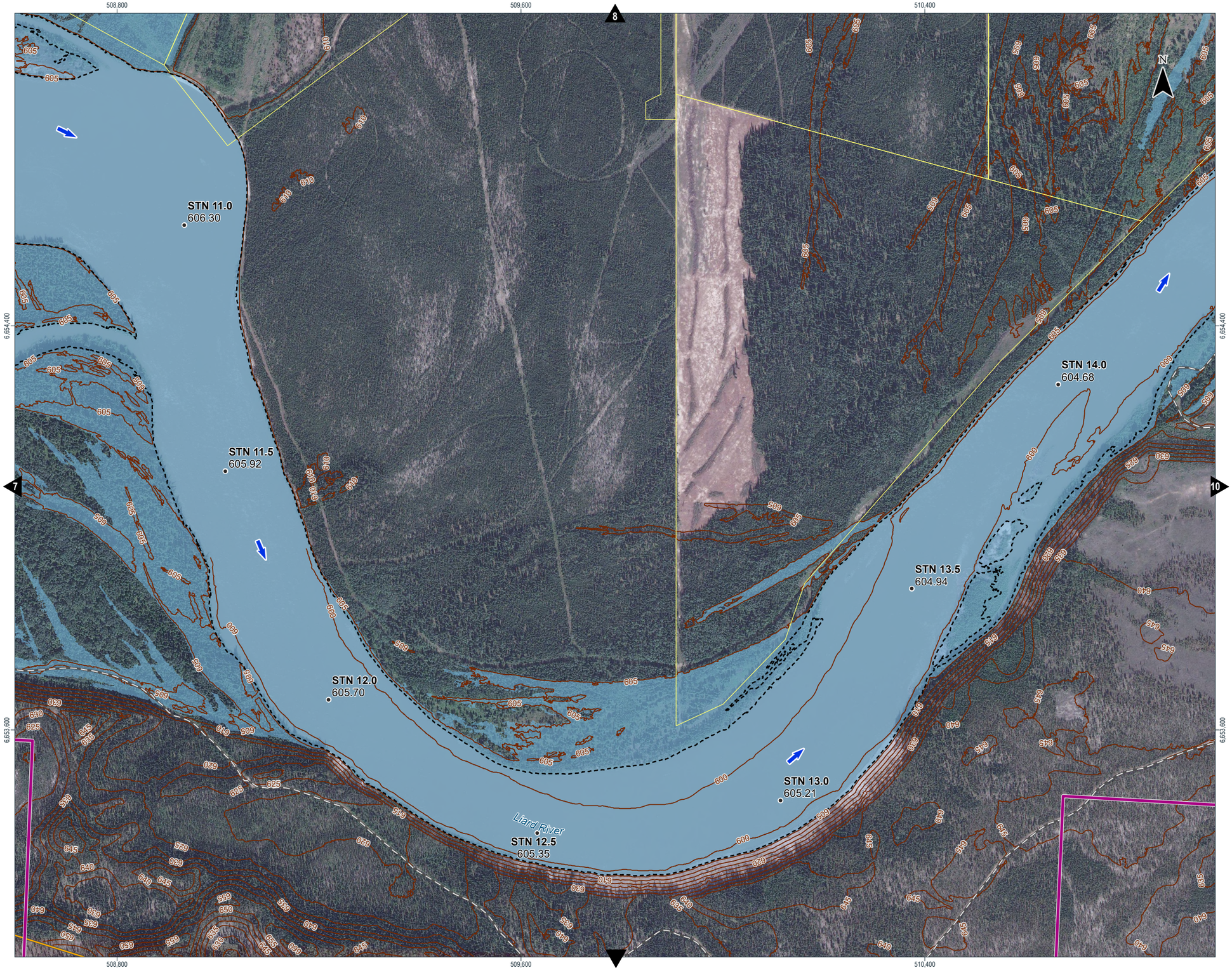

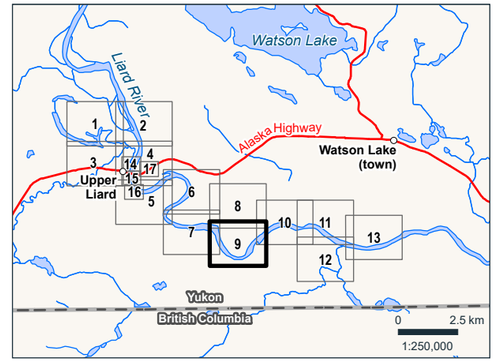

FLOOD HAZARD MODELLING

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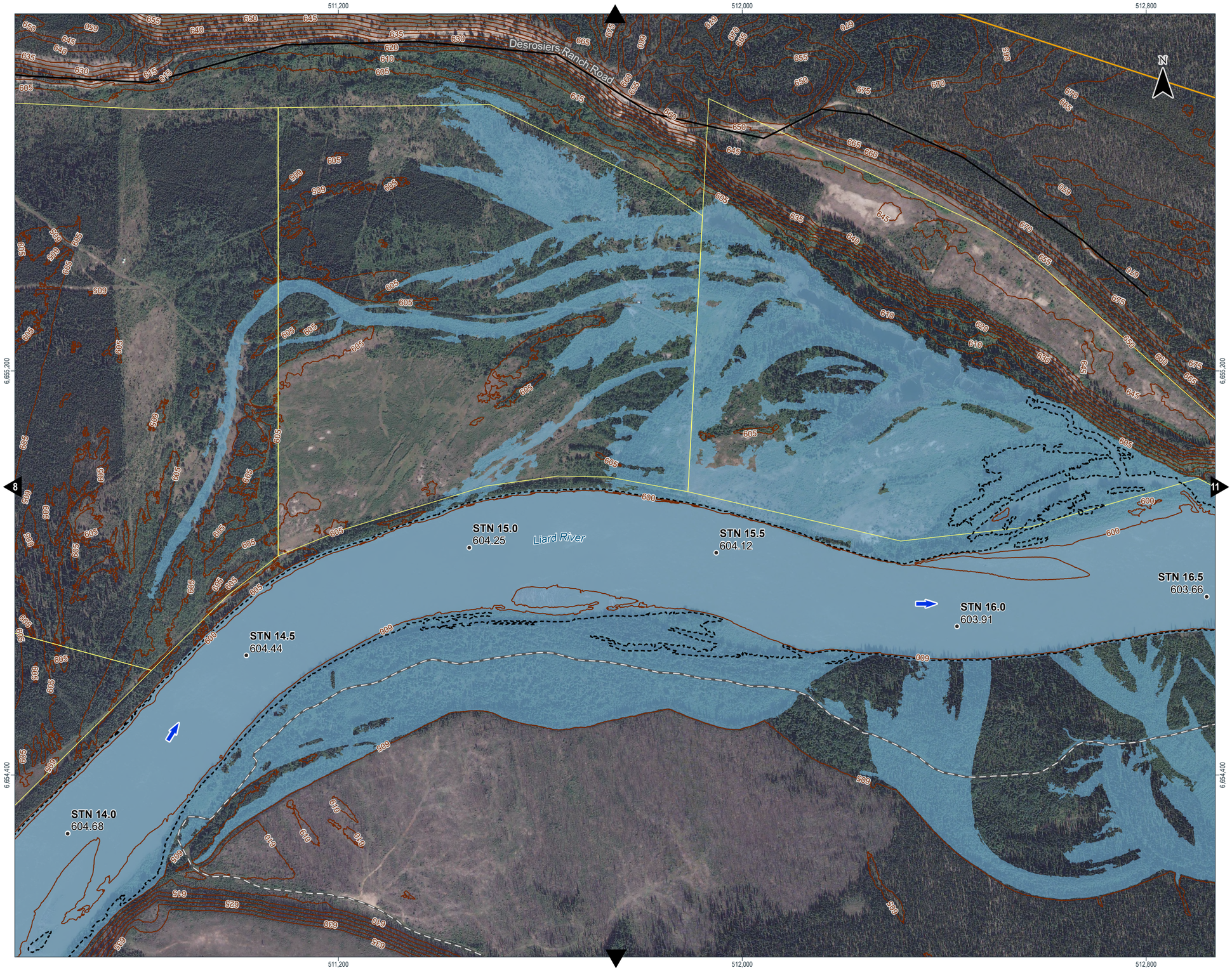

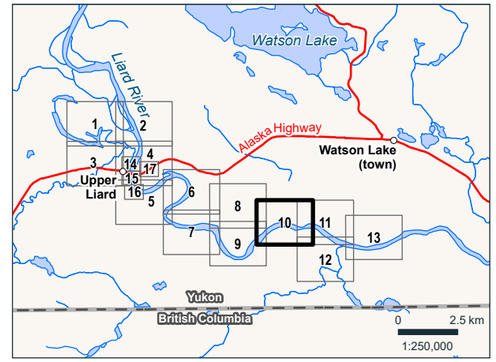

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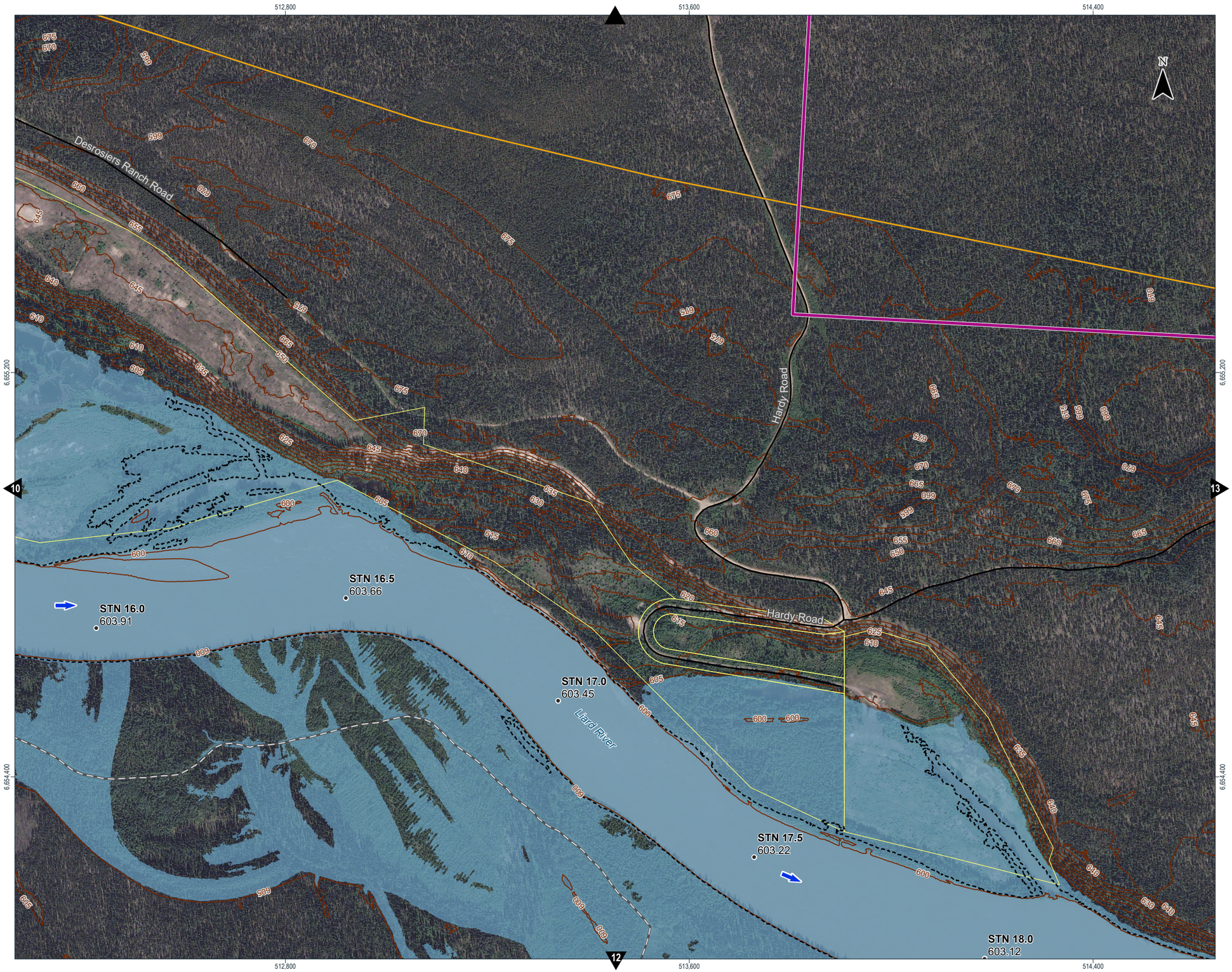

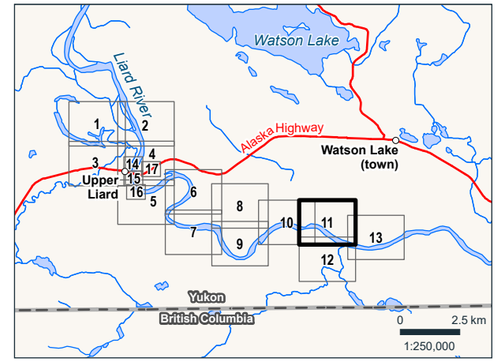

FLOOD HAZARD MODELLING

- **STN 0.0** Stationing
- 611.04 Inundation Levels (m)
- 611.13 Ground Levels (m)
- Average Annual Peak (50% AEP)
- Flood Inundation 5% AEP
- Flow Direction
- Area of Interest
- LiDAR Extent

ROAD NETWORK

- Bridge
- Culvert
- Major Road
- Local Road
- Road (unmaintained)

TOPOGRAPHY

- 600 Index Contour - 5 m Interval

BOUNDARY

- First Nation Settlement Lands - Unsurveyed
- Land Parcel

Yukon Canada

AtkinsRéalis

UPPER LIARD FLOOD MAPPING STUDY

Estimated 5% Annual Exceedance Probability (AEP) Event

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

0 75 150 m
1:7,500

FINAL

March 2026

Sheet 11 of 17

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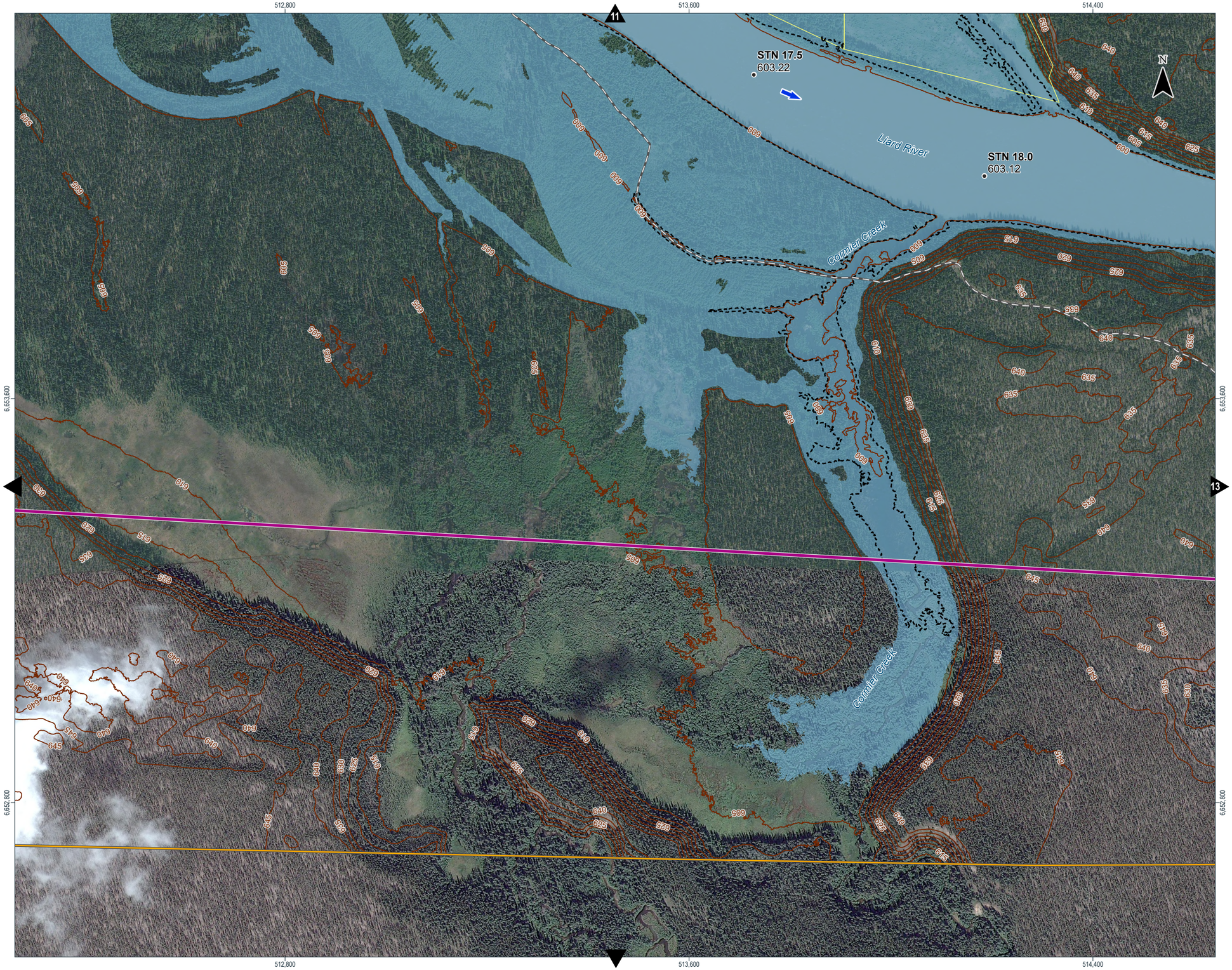

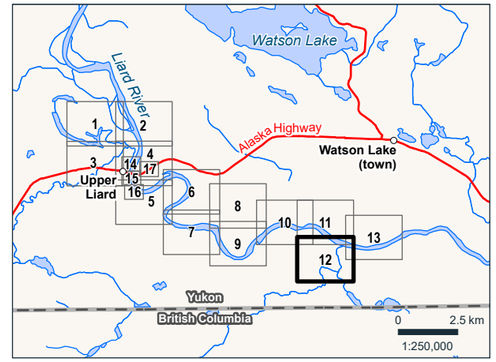

FLOOD HAZARD MODELLING

STN 0.0 Stationing
611.04 Inundation Levels (m)

611.13 Ground Levels (m)

Average Annual Peak (50% AEP)

Flood Inundation 5% AEP

Flow Direction

Area of Interest

LiDAR Extent

ROAD NETWORK

Bridge

Culvert

Major Road

Local Road

Road (unmaintained)

TOPOGRAPHY

600 Index Contour - 5 m Interval

BOUNDARY

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FINAL

0 75 150 m
1:7,500

March 2026

Sheet 12 of 17

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514,400 515,200 516,000

6,655,200 6,654,400 6,653,600

Hardy Road

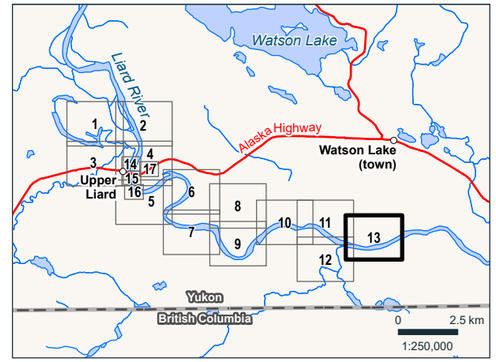
Liard River

STN 18.5
602.73

STN 19.0
602.60

STN 19.5
602.50

11



FLOOD HAZARD MODELLING

- STN 0.0 — Stationing
- 611.04 — Inundation Levels (m)
- 611.13 — Ground Levels (m)
- Average Annual Peak (50% AEP)
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TOPOGRAPHY

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AtkinsRéalis

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1:7,500

March 2026

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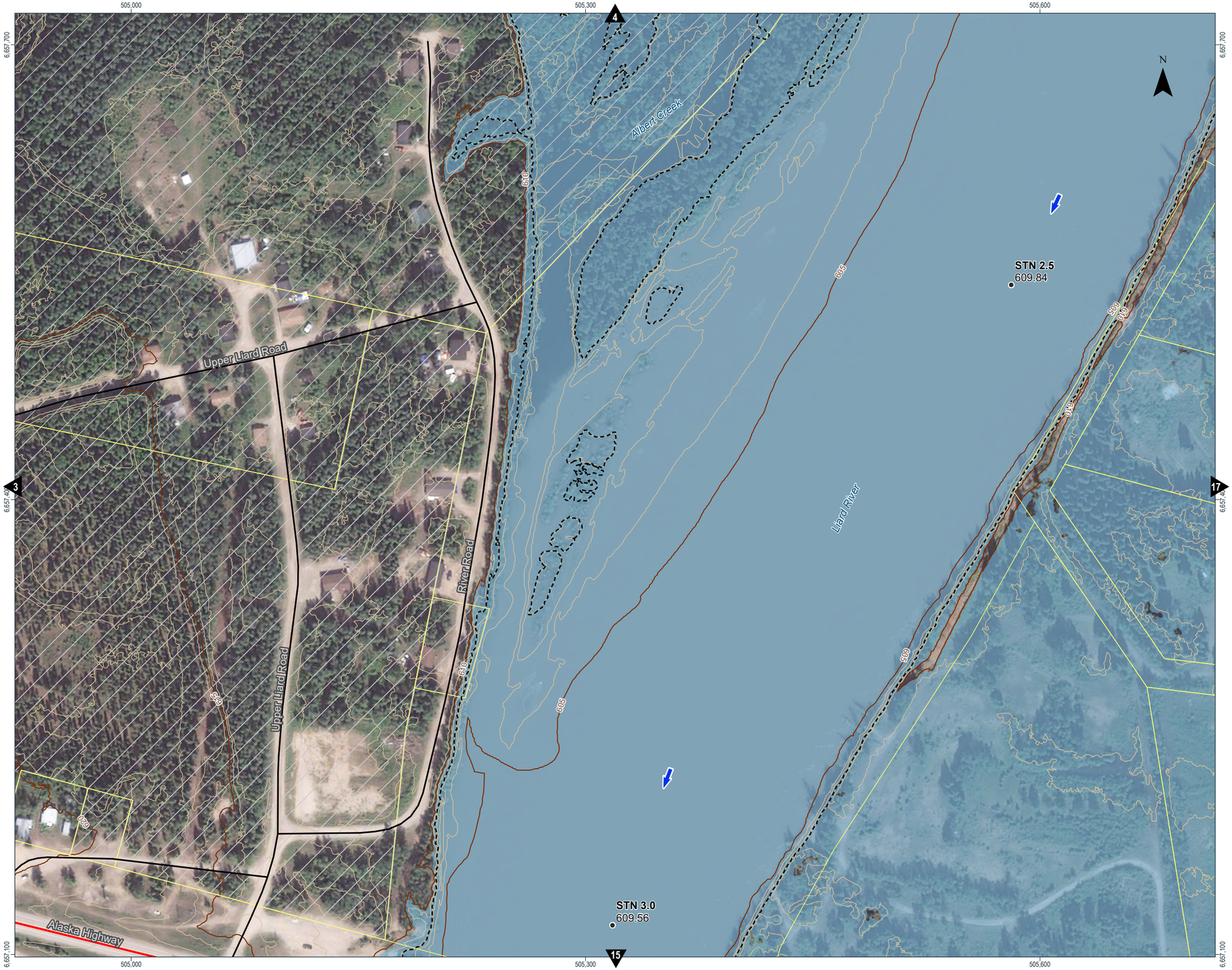

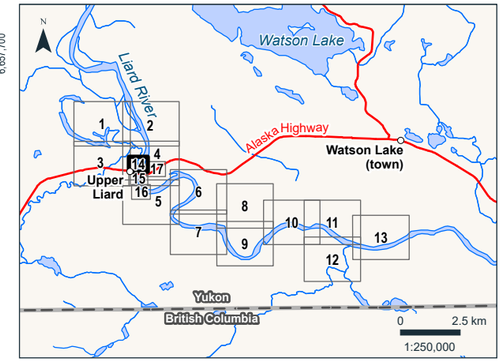

FLOOD HAZARD MODELLING

- **STN 0.0** 611.04 — Stationing, Inundation Levels (m)
- 611.13 — Ground Levels (m)
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1:2,500

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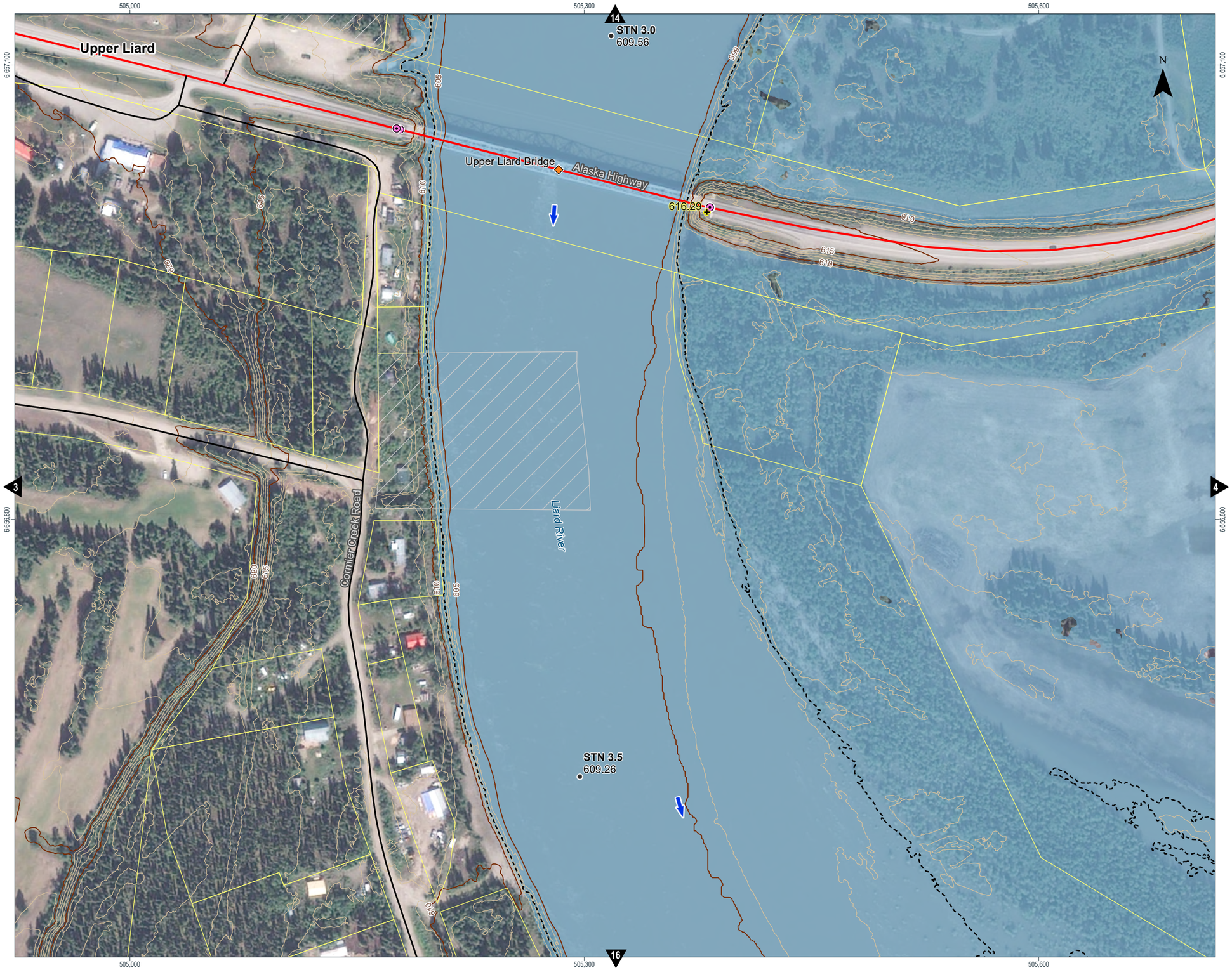

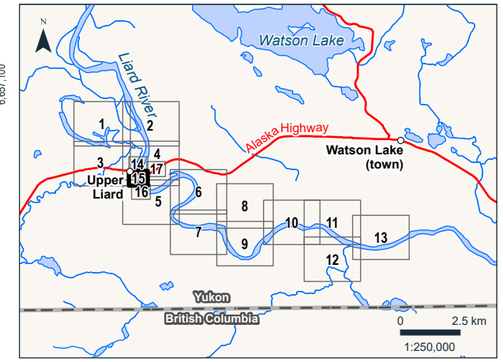

FLOOD HAZARD MODELLING

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0 25 50 m
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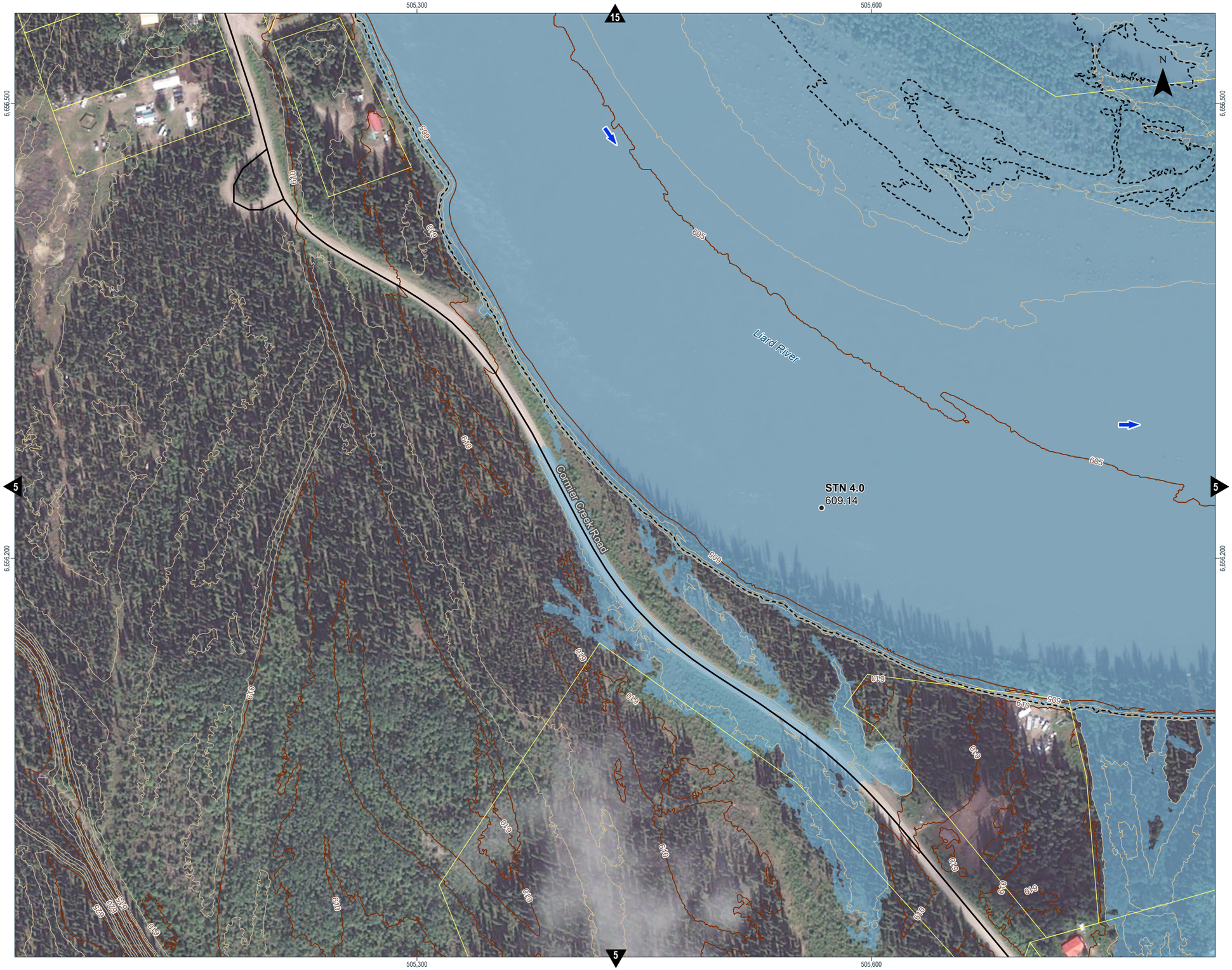

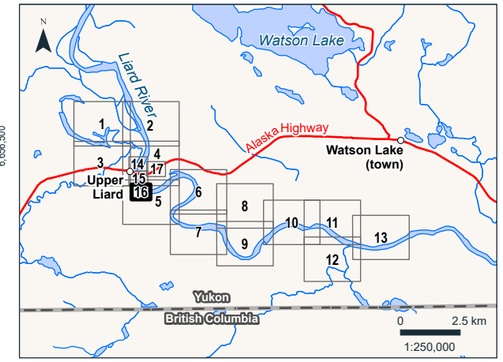

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0 25 50 m
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Sheet 16 of 17

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505,900

506,200

6,657,400

6,657,200

4

14

4

N

620

615

610

615

Liard Hill Road

615

610

611.94

612.54

610

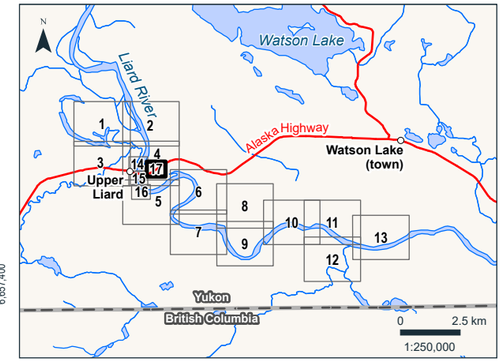
Alaska Highway

609.64

611.13

611.2

608.84



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