

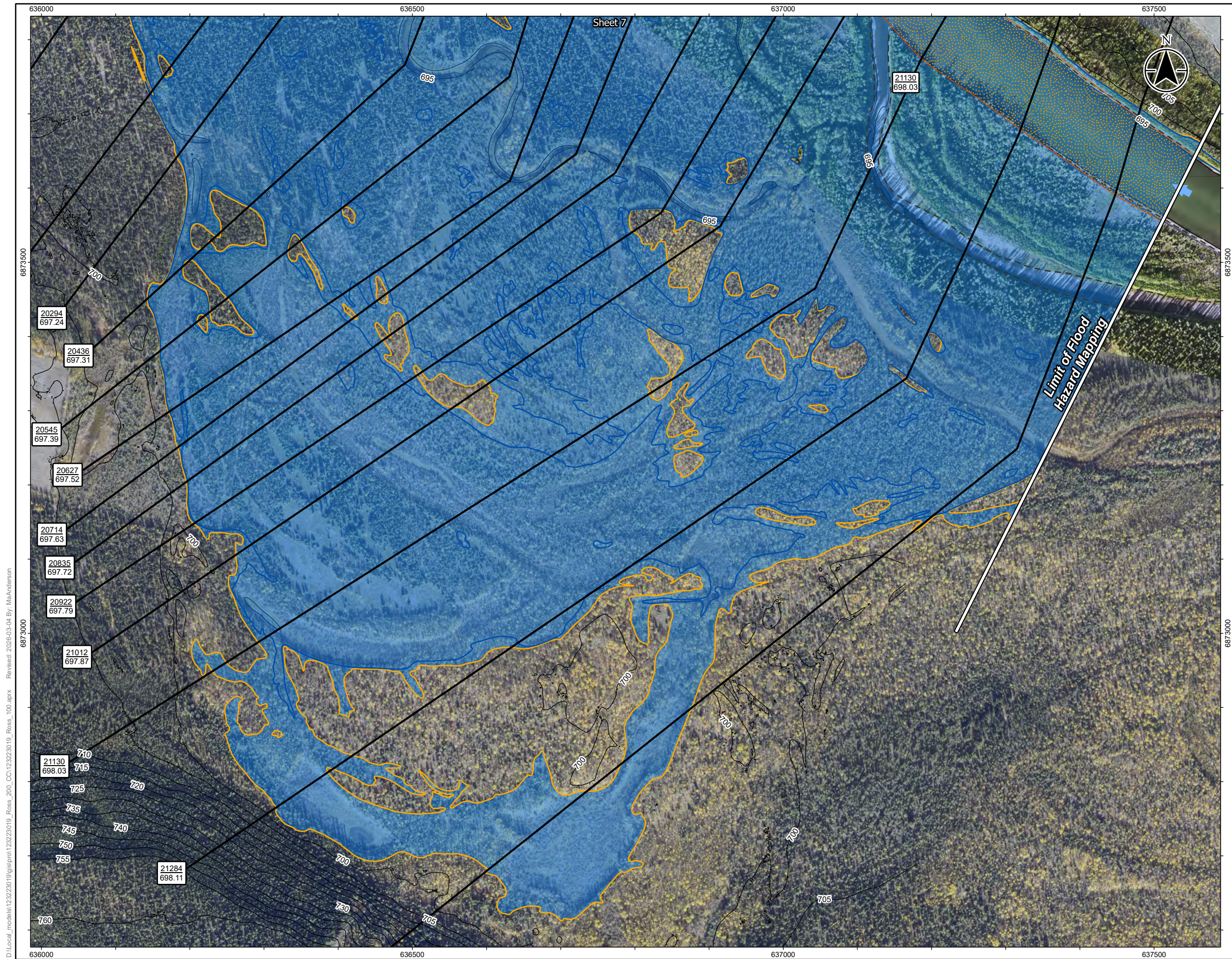


Figure No.

RR-1-06

Sheet 06 of 19

<i>Title</i>	Ross River Flood Mapping Study Open Water Flood Hazard Map 1% Annual Exceedance Probability (AEP)
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Client/Project

Government of Yukon
Department of Environment
Water Science and Stewardship

Project: 123223019

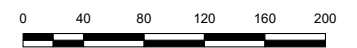
Project Location

Ross River, Yukon

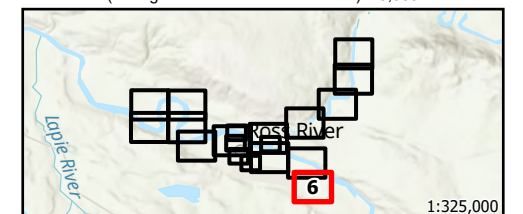
Prepared by MANDERSON on 3/4/2026

Legend

-  River Flow Direction
-  Bridge
-  Surveyed Cross-Sections
Used in Hydraulic Model
-  Limit of Flood Hazard
Mapping
-  Major Contour (5m)
-  Inundation Under Modelled
Open Water Runs
-  Inundation Under Modelled
Breakup Ice Jam Runs
-  Ice Coverage in Breakup Jam
Scenarios
-  Composite Open Water and
Ice Jam Inundation Extent
-  Approximate 50% AEP Open
Water Flood Inundation



(At original document size of 11x17) 1:5,000



Notes

1. Coordinate System: NAD 1983 UTM Zone 18N Vertical Datum: CGVD2013, Geoid: CGG2013a
2. Data Sources: GeoYukon, Canada Lands Survey (CLSC) CCM 982, Carvec.
3. The maps have been extracted on these maps on the 1st of July, 2019, and topographical and bathymetric data that was collected in June and September 2012.
4. The content of these Draft Maps is based on the methods, assumptions, limitations, and analysis documented in the River and Flood Mapping Study (Stantec 2014a) produced by the Government of Canada.
5. The standard Maps are based on the as-built position and analysis presented in Stantec 2025 which were 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 changing and the data is predicted.

Canada



Yukon

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