

APPENDIX E

Ice Jam Flood Inundation Maps



Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

Canada

WSP

- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
- LOCAL ROAD
- LIMIT OF THE STUDY AREA
- INUNDATION EXTENT
- KAHSHO GOTINE CHARTER COMMUNITY BOUNDARY
- TS'UDE NILINE TUYETA PROTECTED AREA BOUNDARY

- PLACES OF INTEREST**
- FORT GOOD HOPE (RÁDEYILI KÓE) AIRPORT
 - KAHSHO GOTINE CHARTER COMMUNITY COUNCIL
 - ROYAL CANADIAN MOUNTED POLICE
- FUNDING**
FUNDING FOR THIS PROJECT WAS PROVIDED BY THE GOVERNMENT OF THE NORTHWEST TERRITORIES AND NATURAL RESOURCES CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND MAPPING PROGRAM (FHMP).

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NOTES TO USERS
THIS MAP IS INTENDED FOR EMERGENCY PLANNING PURPOSES.

Nathan Johnson
24 Nov 2024

PERMIT TO PRACTICE
WSP Canada Inc.
Signature: *[Signature]*
Date: 23 Nov 2024
PERMIT NUMBER: P407
NTMA: Association of Professional Engineers and Geoscientists

0 600 1,200 METRES

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 5N
VERTICAL DATUM: CGVD 2013 UNITS: METRES

DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CAD041345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYILI KÓE)

200-YEAR FLOOD INUNDATION MAP FORT GOOD HOPE (RÁDEYILI KÓE)

SHEET 1 OF 3



- WATER SURVEY OF CANADA HYDROMETRIC STATION
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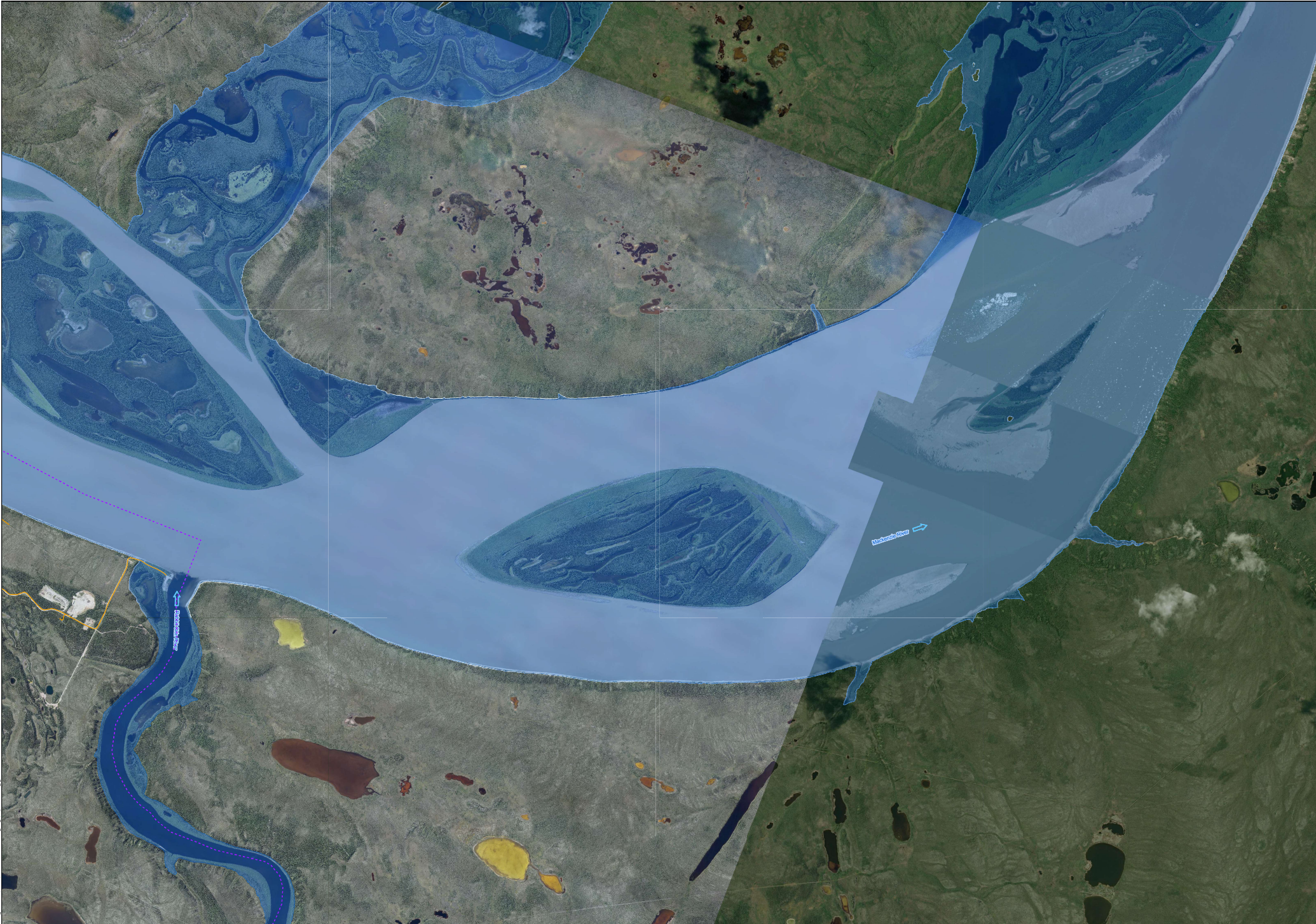
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DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CA004345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEVĪLI KŌE)
200-YEAR FLOOD INUNDATION MAP FORT GOOD HOPE (RÁDEVĪLI KŌE)
SHEET 2 OF 3



Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

Canada

wsp

- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
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DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CAD041345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEVĪLI KŌÉ)

200-YEAR FLOOD INUNDATION MAP FORT GOOD HOPE (RÁDEVĪLI KŌÉ)

SHEET 3 OF 3



Wadeye's River (Dah) →

Fort Good Hope (Rádeyíí Kóé)



- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
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Nathan Johnson
 24 March 2025

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 Signature: *Nathan Johnson*
 Date: 20 March 2025
 PERMIT NUMBER: P407
 NTNS Association of Professional Engineers and Geoscientists

0 75 150 1:3,000 METRES		
COORDINATE SYSTEM: NAD 1983 UTM ZONE 9N VERTICAL DATUM: CGVD 2013 METRES		
DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CA0041345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYÍÍ KÓÉ)
 200-YEAR FLOOD INUNDATION MAP FORT GOOD HOPE (RÁDEYÍÍ KÓÉ)
 SHEET 1 OF 1



Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

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Date: 28 March 2025
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RTM: Association of Professional Engineers and Geoscientists

Nathan Johnson
28 March 2025

0 600 1,200 METRES

1:15,000

COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 5N
VERTICAL DATUM: CGVD 2013 UNITS: METRES

DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CAD041345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYLI KÓE)

100-YEAR FLOOD INUNDATION MAP (CLIMATE CHANGE 2040-2065) FORT GOOD HOPE (RÁDEYLI KÓE)

SHEET 1 OF 3



- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
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20 March 2025

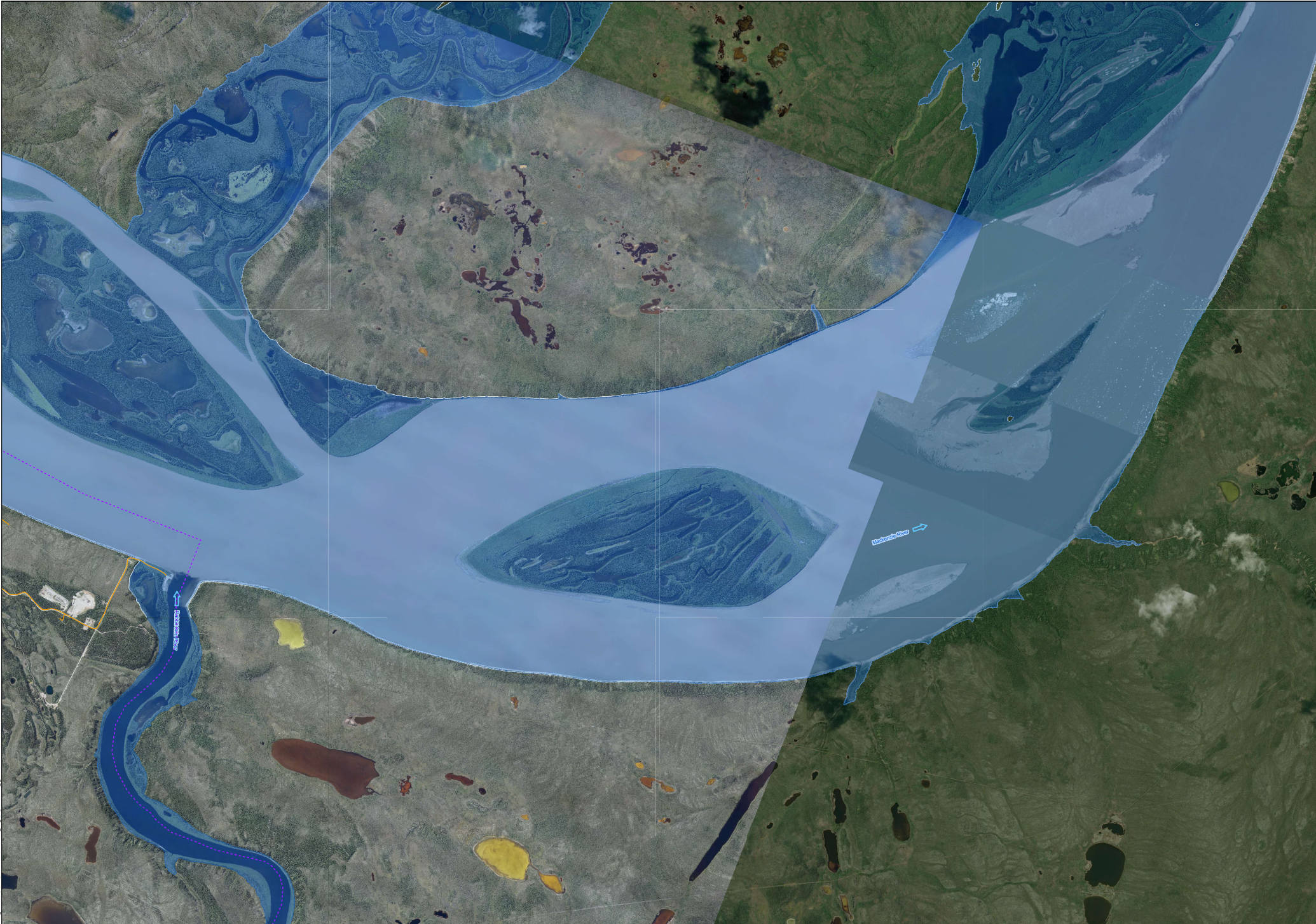
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Signature: *Nathan Johnson*
Date: 20 March 2025
PERMIT NUMBER: P407
RTMCA Association of Professional Engineers and Geoscientists

0 600 1,200 METRES		
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 5N VERTICAL DATUM: CGVD 2013 UNITS: METRES		
DESIGNED: JH	PREPARED: PT	REVIEWED: NS
PROJECT NO.: CAD041345.8410	DATE:	2025-03-25

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYĪĹI KŌE)

100-YEAR FLOOD INUNDATION MAP (CLIMATE CHANGE 2040-2065) FORT GOOD HOPE (RÁDEYĪĹI KŌE)

SHEET 2 OF 3



Government of Northwest Territories / Gouvernement des Territoires du Nord-Ouest

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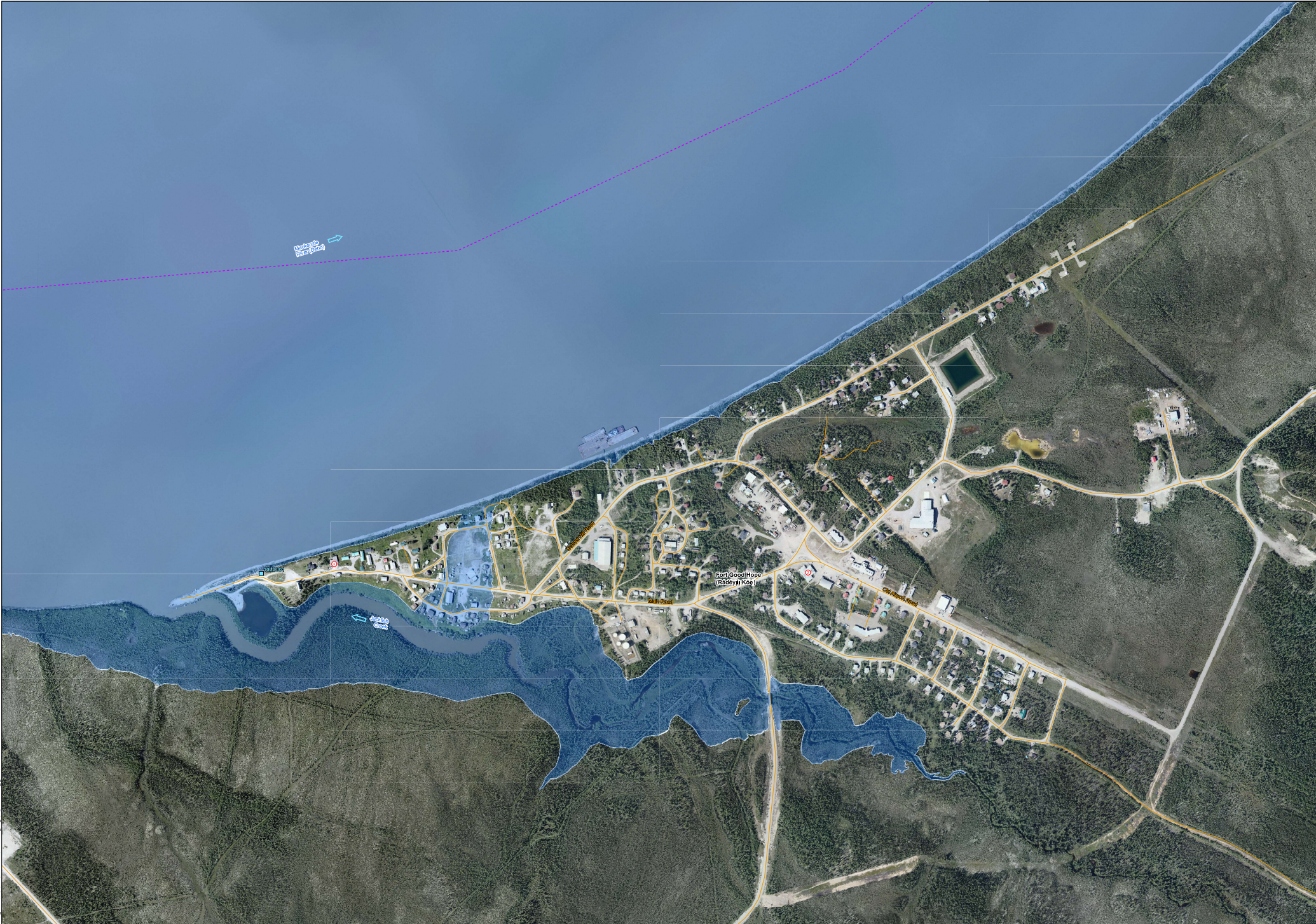
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PROJECT NO.: CAD041345.8410	DATE:	2025-03-25

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYLÍ KÓÉ)

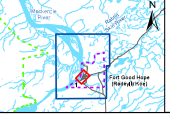
100-YEAR FLOOD INUNDATION MAP (CLIMATE CHANGE 2040-2065) FORT GOOD HOPE (RÁDEYLÍ KÓÉ)

SHEET 3 OF 3



Machuk's River (Dah)

Fort Good Hope (Rádeyíí Kóé)



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0 75 150 1:3,000 METRES		
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FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RÁDEYÍÍ KÓÉ)
100-YEAR FLOOD INUNDATION MAP FORT GOOD HOPE (RÁDEYÍÍ KÓÉ)
SHEET 1 OF 1