

APPENDIX F

Ice Jam Flood Hazard Maps



- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
- FLOODWAY
- FLOOD FRINGE
- LIMIT OF THE STUDY AREA
- KAHSHO GOTINE CHARTER COMMUNITY BOUNDARY
- TSUJINE NILINE TUYETA PROTECTED AREA BOUNDARY
- LOCAL ROAD

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (RÁDEYLI KÓÉ) 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).

DATA SOURCE(S)

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NOTES TO USERS

THIS MAP IS INTENDED FOR EMERGENCY PLANNING PURPOSES. ITS PURPOSE IS TO ILLUSTRATE THE POSITION OF THE FLOODPLAIN BOUNDARIES FOR THE 200-YEAR FLOOD LEVELS AT FORT GOOD HOPE AS DETERMINED BY A STUDY CONDUCTED BY THE FIRM WSP CANADA INC. FOR FORT GOOD HOPE. WSP 2024. FORT GOOD HOPE FLOOD STUDY. CAD044345.8410 PREPARED FOR GHW.

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WSP Canada Inc.
Signature: [Signature]
Date: 2025-03-25
PERMIT NUMBER: P407
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0 600 1,200 METRES		
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 5N VERTICAL DATUM: CGVD 2013 UNITS: METRES		
DESIGNED: SN	PREPARED: PT	REVIEWED: NS
PROJECT NO: CAD044345.8410	DATE: 2025-03-25	

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

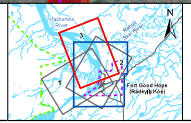
200-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (RÁDEYLI KÓÉ)

SHEET 2 OF 3



Manitou Island

Mackenzie River



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

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (RÁDEYLI 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).

DATA SOURCE(S)
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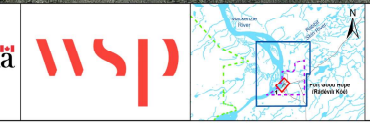
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0 600 1,200 METRES		
COORDINATE SYSTEM: NAD 1983 CSRS UTM ZONE 5N VERTICAL DATUM: CGVD 2013 UNITS: METRES		
DESIGNED: SN	PREPARED: PT	REVIEWED: NS
PROJECT NO. CAD04345.8410	DATE: 2024-03-28	

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

200-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (RÁDEYLI KÓE)

SHEET 3 OF 3



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

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (RADEYILJ KOE) 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 NATI IBAI BIKOBI BIKER CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND MAPPING PROGRAM (FHMP).

DATA SOURCE(S)

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NOTES TO USERS

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0 75 150
1:3,000 METRES

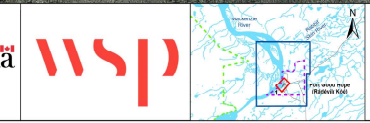
COORDINATE SYSTEM: NAD 1983 UTM ZONE 9N
VERTICAL DATUM: CGVD 2013 UNITS: METRES

DESIGNED: EN	PREPARED: PT	REVIEWED: NG
PROJECT NO. CA0044345.B410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RADEYILJ KOE)

100-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (RADEYILJ KOE)

SHEET 1 OF 1



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

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (RADEYILJ KOE) 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 NATI IBAI BIKOBI BIKER CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND MAPPING PROGRAM (FHIMP).

DATA SOURCE(S)

BRAND LINEA QUVIPIRELU PUKSI UELAKOIKI, UOLUPMINIHI UPI RAUAPOL RESOURCES CANADA, ALL RIGHTS RESERVED. AERIAL IMAGERY 2024I RESOLUTION AND 1.5M X 1M RESOLUTION BY MAXI MANSLEY LTD. FOR THE GOVERNMENT OF THE NORTHWEST TERRITORIES, 2021. OTHER IMAGERY COPYRIGHT © 2024/14 ESRI AND ITS LICENSORS. SOURCE: MAXAR. USED UNDER LICENSE. ALL RIGHTS RESERVED.

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Date: 28 May 2025

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1:3,000 METRES

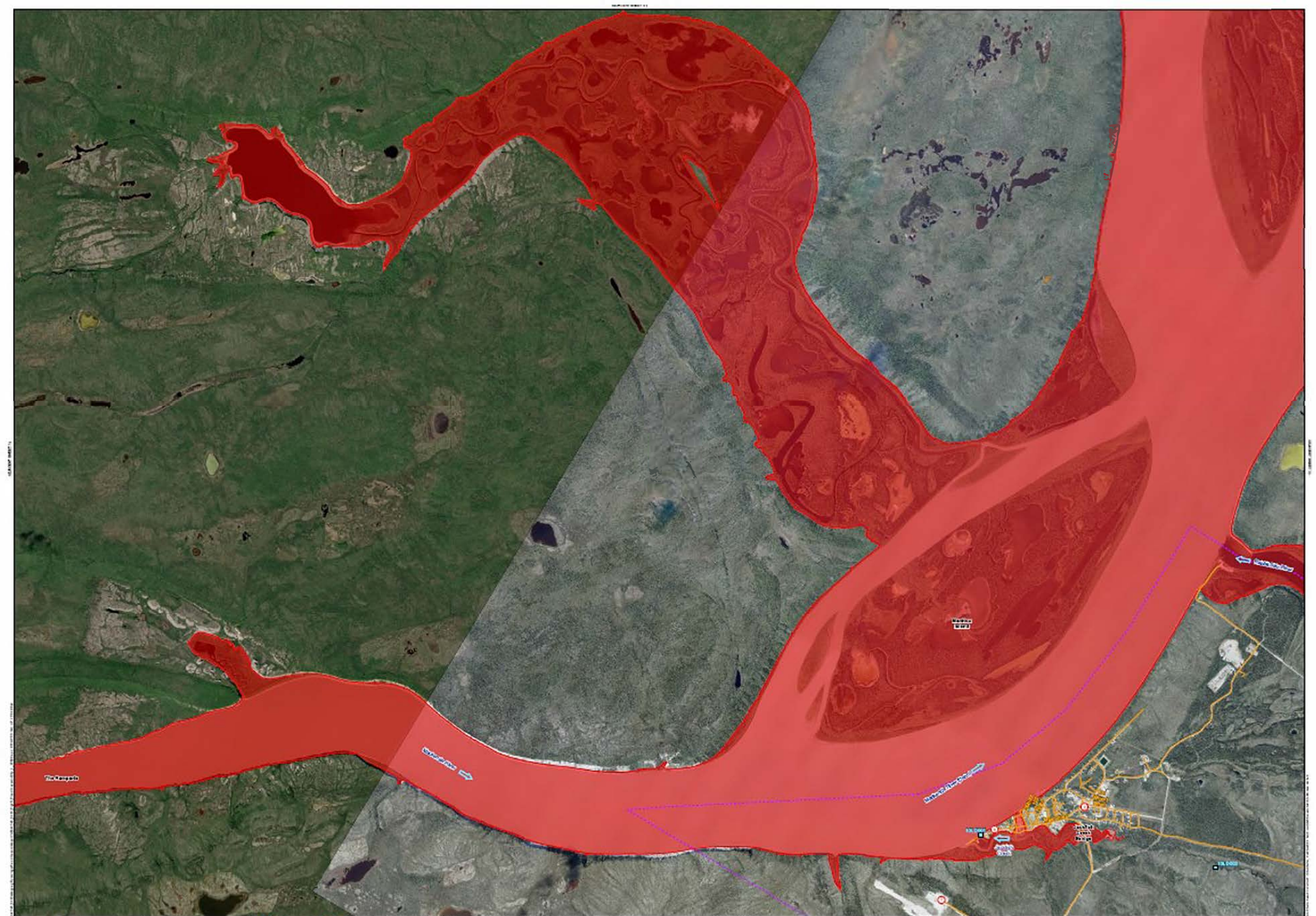
COORDINATE SYSTEM: NAD 1983 UTM ZONE 9N
VERTICAL DATUM: CGVD 2013 UNITS: METRES

DESIGNED: BN	PREPARED: PT	REVIEWED: NG
PROJECT NO.: CA0044345.8410	DATE: 2025-03-25	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RADEYILJ KOE)

200-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (RADEYILJ KOE)

SHEET 1 OF 1



- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOOD DIRECTION
- FLOODWAY
- FLOOD FRINGE
- LIMIT OF THE STUDY AREA
- KAMSHO KOTINE CHAMBER COMBANTY BOUNDARY
- TUCHE/NELE TUJUKA PROTECTED WBSA BOUNDARY
- LOCAL ROAD

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (NADEYLI KOE) AIRPORT
 - KAMSHO KOTINE CHAMBER COMBANTY COUNCIL
 - ROYAL CANADIAN MOUNTED POLICE
- FUNDING**
- PLANNED FOR THIS PROJECT WAS PROVIDED BY THE GOVERNMENT OF THE NORTHWEST TERRITORIES AND FEDERAL RESOURCES CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND MAPPING PROGRAM (FHMP)

DATA SOURCES

BASE DATA IS DERIVED FROM GIS DATA, GOVERNMENT OF NORTHWEST TERRITORIES (LAND USE, AIR PHOTO, PHOTOGRAMMETRIC, SPATIAL ANALYSIS) AND PHOTOGRAMMETRIC DATA ACQUISITION BY AIR SURVEY AND PLAN FOR OVERLAYS OF THE NORTHWEST TERRITORIES (S) OTHER SURVEY CONTROL & SURVEYING AND ITS JURISDICTION (S) AND WSP CANADA INC. ALL RIGHTS RESERVED.

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PROJECT INFORMATION

PROJECT NO. CANADASB001 DATE: 2024-05-28

DESIGNED BY: SM PREPARED BY: FEJ REVISION NO.

PROJECT NO. CANADASB001 DATE: 2024-05-28

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (NADEYLI KOE)

100-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (NADEYLI KOE)

SHEET 1 OF 3



- WATER SURVEY OF CANADA HYDROMETRIC STATION
- FLOW DIRECTION
- FLOODWAY
- FLOODPLAIN
- LIMIT OF THE STUDY AREA
- KANASHO GUTINE CHAMBER COMMUNITY BOUNDARY
- TUKEVA PROTECTED AREA BOUNDARY

- PLACES OF INTEREST (FORT GOOD HOPE)**
- FORT GOOD HOPE (NAD83) AIRPORT
 - KANASHO GUTINE CHAMBER COMMUNITY COUNCIL
 - ROYAL CANADIAN MOUNTED POLICE
- FUNDING**
- PLANNING FOR THIS PROJECT WAS PROVIDED BY THE GOVERNMENT OF THE NORTHWEST TERRITORIES INDUSTRIAL DEVELOPMENT CANADA UNDER THE FLOOD HAZARD IDENTIFICATION AND MAPPING PROGRAM (FHIMP)

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WSP CANADA INC.

2024-03-01

PERMIT NUMBER: 1027

6700 Association of Professional Engineers and Geoscientists

0	500	1,000
1:10,000 METRES		
COORDINATE SYSTEM AND 1983 CANADIAN DATUM 84		
VERTICAL DATUM: CGVD 2013 UNITS: METRES		
DESIGNED BY:	PREPARED BY:	REVISION NO.:
PROJECT NO. CANASHO-010	DATE: 2024-03-28	

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RADEYILI KOE)

100-YEAR FLOOD HAZARD MAP FORT GOOD HOPE (RADEYILI KOE)

SHEET 2 OF 3



WATER SURVEY OF CANADA HYDROMETRIC STATIONS

- Flow direction
- Floodway
- Floodplain
- Limit of the study area
- Kancho Kotar Chamber Community Boundary
- Truce Volume Survey Protected Area Boundary

PLACES OF INTEREST (FORT GOOD HOPE)

- Fort Good Hope (Radevli Koe) Airport
- Kancho Kotar Chamber Community Council
- Royal Canadian Mounted Police

FUNDING

WORK FOR THIS PROJECT WAS PROVIDED BY THE GOVERNMENT OF THE NORTHWEST TERRITORIES AND NUNAVUT, FEDERAL GOVERNMENT OF CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND APPRAISAL PROGRAM (FHAP).

DATA SOURCES

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SPR & SLO STUDIES

SPR & SLO STUDIES FOR A 100-YEAR FLOOD WERE CONDUCTED BY WSP FOR THE GOVERNMENT OF THE NORTHWEST TERRITORIES AND NUNAVUT, FEDERAL GOVERNMENT OF CANADA, UNDER THE FLOOD HAZARD IDENTIFICATION AND APPRAISAL PROGRAM (FHAP).

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Professional Engineer
 License No. 10000
 2011-2012

COORDINATE SYSTEM AND 1983 CANADIAN DATUM

VERTICAL DATUM: CGVD 2011 METRE HEIGHTS

CREATED: 3M PREPARED: FT REVISION: NS

PROJECT NO.: CAN0081340 DATE: 2016.03.28

FLOOD INUNDATION AND HAZARD MAPPING - FORT GOOD HOPE (RADEVLI KOE)

100-YEAR FLOOD HAZARD MAP - FORT GOOD HOPE (RADEVLI KOE)

SHEET 3 OF 3