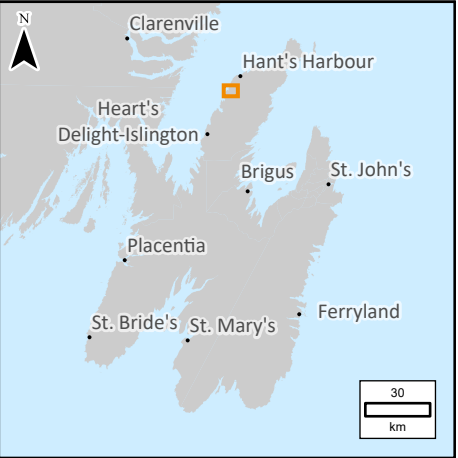
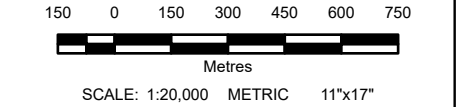




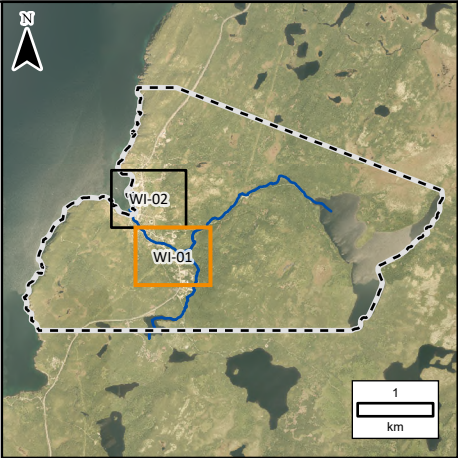
- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - Map Extents
 - Municipal_Boundary
 - 1:20 Year Historical Flood Zone
 - 1:20 Year Flood Zone

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)



All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR 1:20 YR CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) WITH HISTORICAL FLOOD ZONE - OVERVIEW MAP				
DECEMBER 2025		FIGURE 4.1		REV: 0

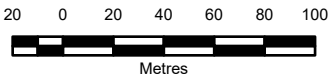


LEGEND:

- 2D Annotation
- 1:20 Year Flood Zone
- 1:20 Year Historical Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Modelled Bridge
- Modelled Culvert

NOTES:

- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
- Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)



All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				

KGS GROUP

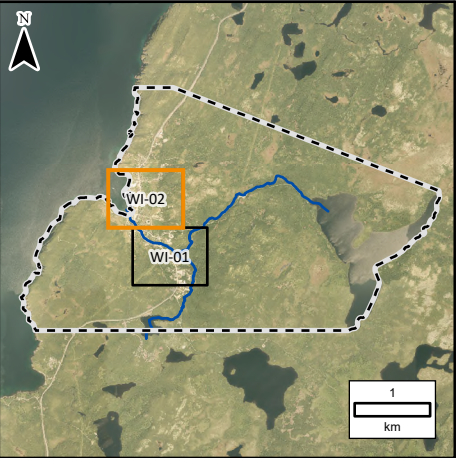
Newfoundland
Labrador
Canada

CLIMATE CHANGE FLOOD HAZARD MAPPING
STUDY FOR FERRYLAND, BRIGUS, HEART'S
DELIGHT, WINTERTON & HANT'S HARBOUR
1:20 YR CURRENT CLIMATE AND CURRENT
DEVELOPMENT CONDITION (CC-CD) WITH
HISTORICAL FLOOD ZONE - WI-01

DECEMBER 2025

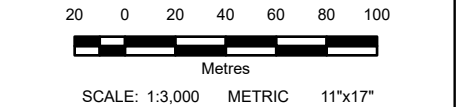
FIGURE 4.2

REV: 0



- LEGEND:**
- 2D Annotation
 - 1:20 Year Flood Zone
 - 1:20 Year Historical Flood Zone
 - River/Creek Centreline
 - 5 m LiDAR Contour
 - Modelled Bridge
 - Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)



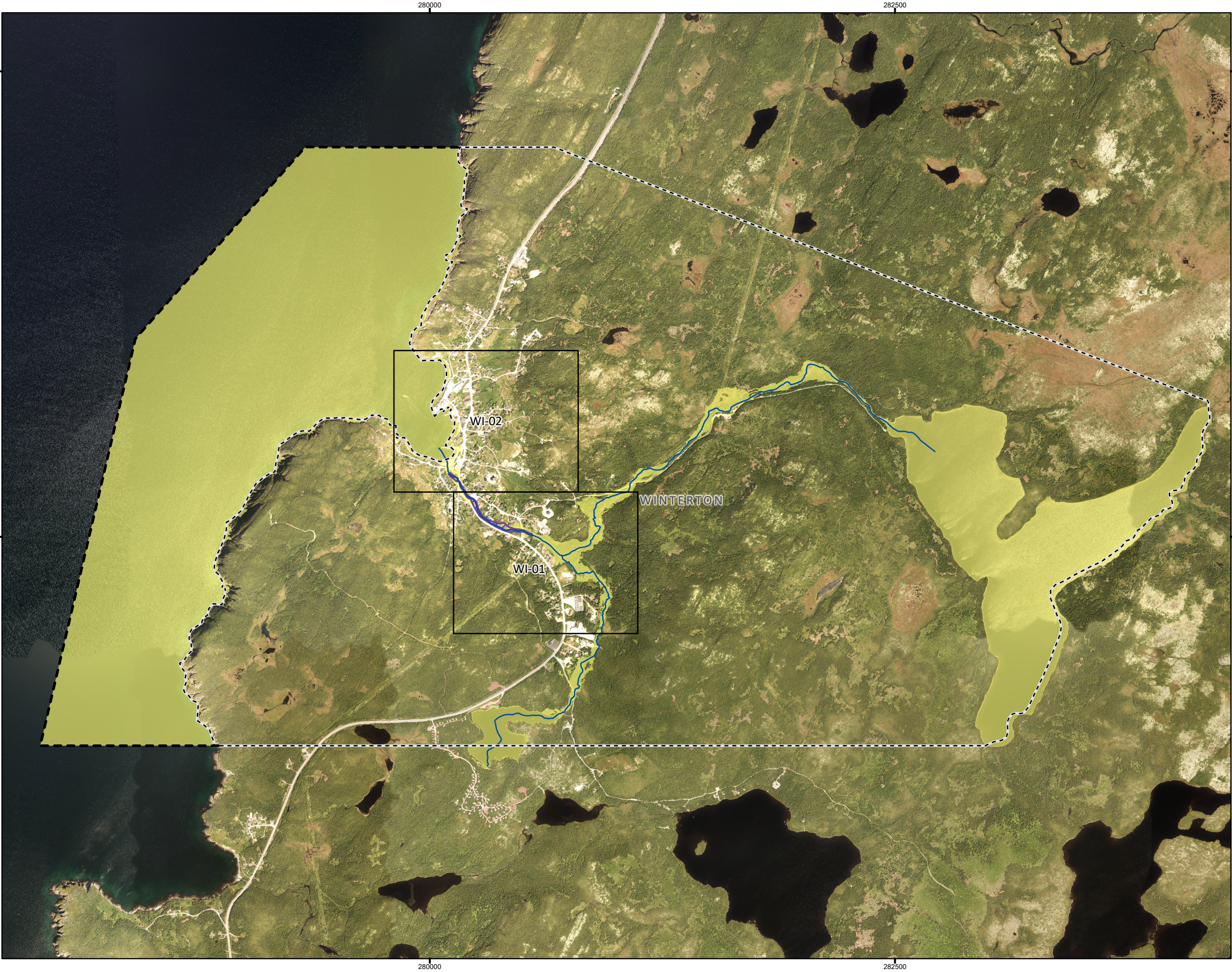
All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY

REVISIONS / ISSUE

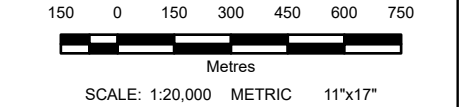
CLIMATE CHANGE FLOOD HAZARD MAPPING
STUDY FOR FERRYLAND, BRIGUS, HEART'S
DELIGHT, WINTERTON & HANT'S HARBOUR
1:20 YR CURRENT CLIMATE AND CURRENT
DEVELOPMENT CONDITION (CC-CD) WITH
HISTORICAL FLOOD ZONE - WI-02

DECEMBER 2025	FIGURE 4.2	REV: 0
---------------	------------	--------



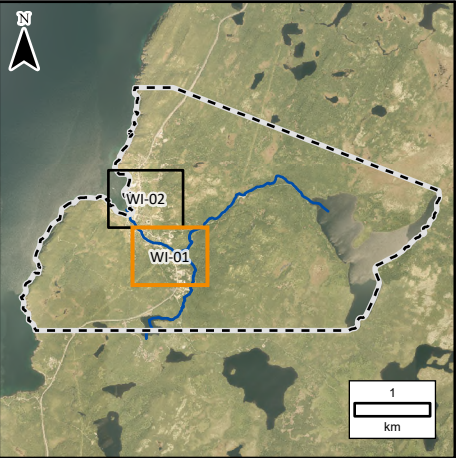
- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - Map Extents
 - Municipal_Boundary
 - 1:100 Year Historic Flood Zone
 - 1:100 Year Flood Zone

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)



All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR 1:100 YR CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) WITH HISTORICAL FLOOD ZONE - OVERVIEW MAP				
DECEMBER 2025		FIGURE 4.3	REV:	0

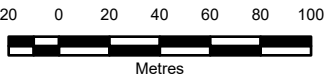


LEGEND:

- 2D Annotation
- 1:100 Year Flood Zone
- 1:100 Year Historical Flood Zone
- River/Creek Centreline
- 5 m LiDAR Contour
- Modelled Bridge
- Modelled Culvert

NOTES:

- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
- Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)



SCALE: 1:3,000 METRIC 11"x17"

All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY

REVISIONS / ISSUE

KGS GROUP

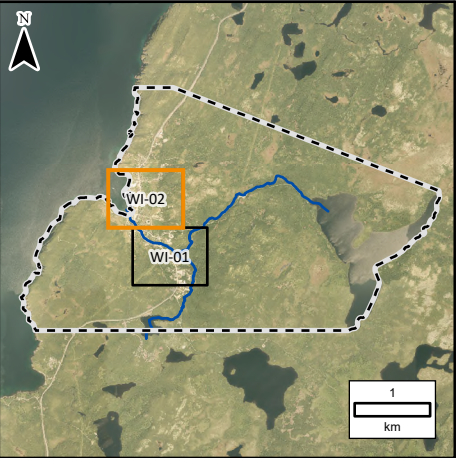
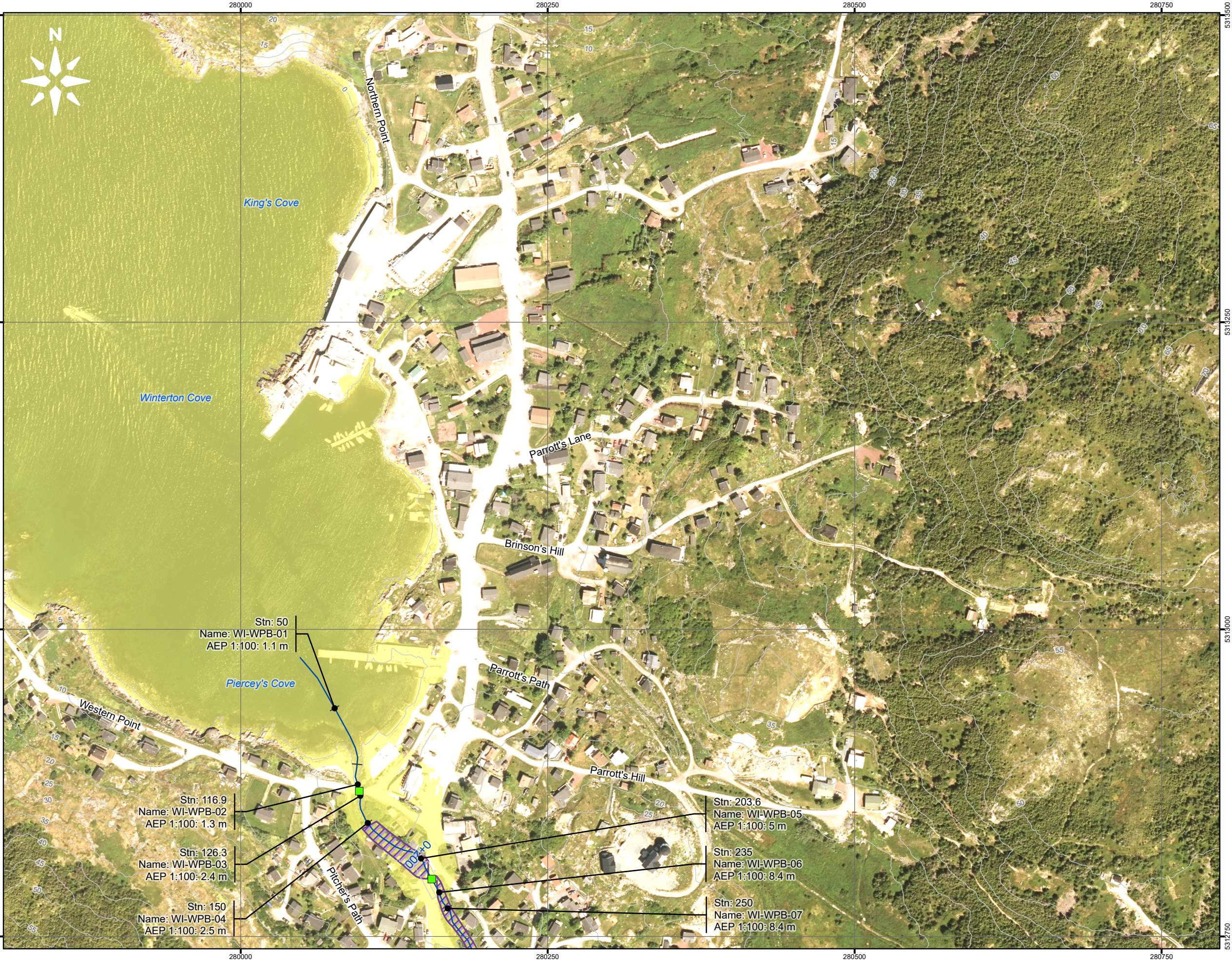
Newfoundland
Labrador
Canada

CLIMATE CHANGE FLOOD HAZARD MAPPING
STUDY FOR FERRYLAND, BRIGUS, HEART'S
DELIGHT, WINTERTON & HANT'S HARBOUR
1:100 YR CURRENT CLIMATE AND CURRENT
DEVELOPMENT CONDITION (CC-CD) WITH
HISTORICAL FLOOD ZONE - WI-01

DECEMBER 2025

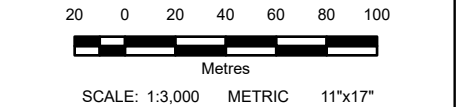
FIGURE 4.4

REV: 0



- LEGEND:**
- 2D Annotation
 - 1:100 Year Flood Zone
 - 1:100 Year Historical Flood Zone
 - River/Creek Centreline
 - 5 m LiDAR Contour
 - Modelled Bridge
 - Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)



All units are metric and in metres unless otherwise specified.
Horizontal Projection: North American Datum 1983 CSRS (NAD83), Modified Transverse Mercator Projection (MTM) Zone 1. Elevations are in metres above sea level (MSL), Canadian Geodetic Vertical Datum 2013 (CGVD2013).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
1:100 YR CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) WITH HISTORICAL FLOOD ZONE - WI-02				
DECEMBER 2025		FIGURE 4.4		REV: 0