



LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater Than 2.0 m

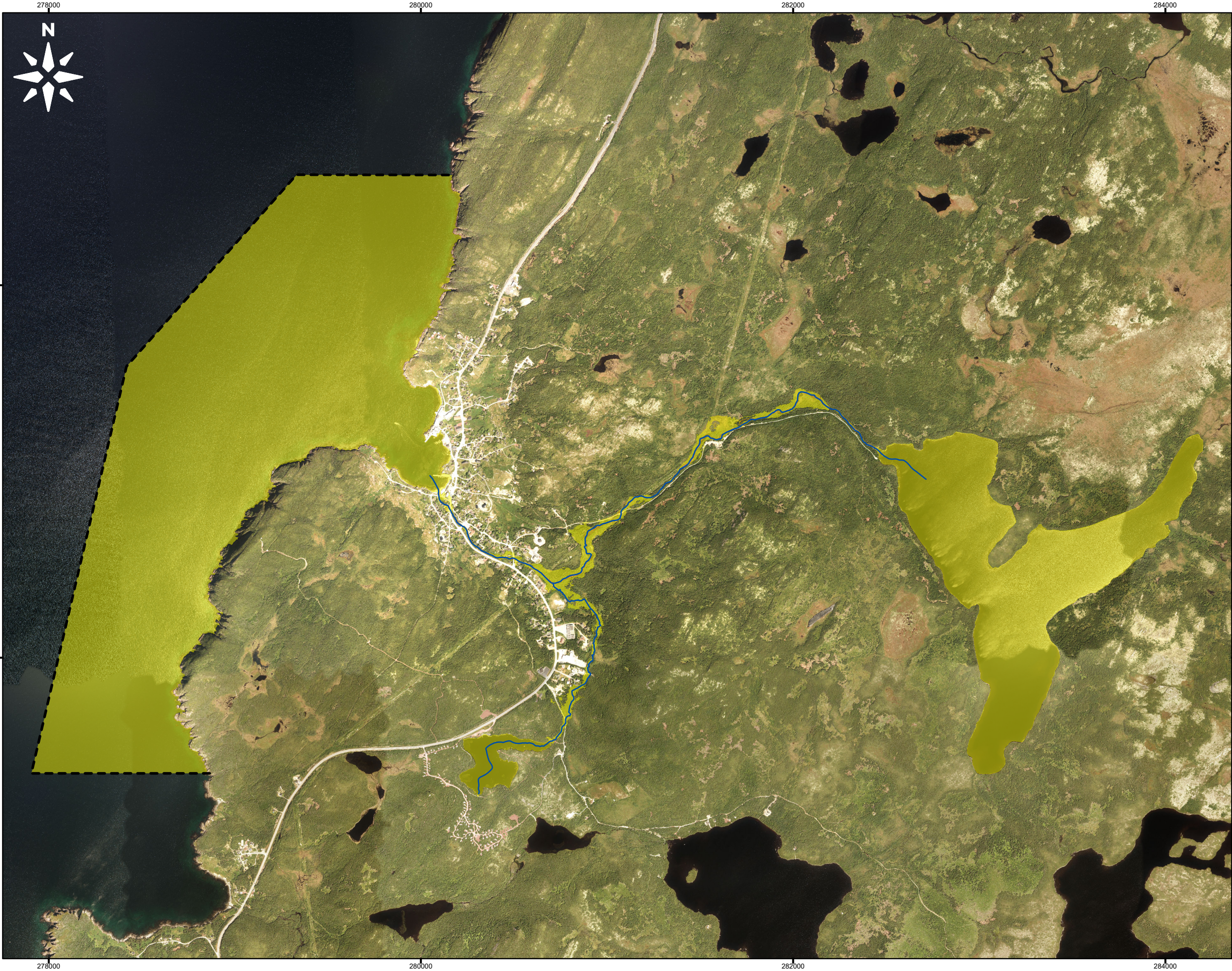
NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)

100 0 100 200 300 400 500

Metres
SCALE: 1:20,000 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				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)				
1:20 YEAR INUNDATION DEPTH				
DECEMBER 2025		FIGURE 4.3		REV: 0



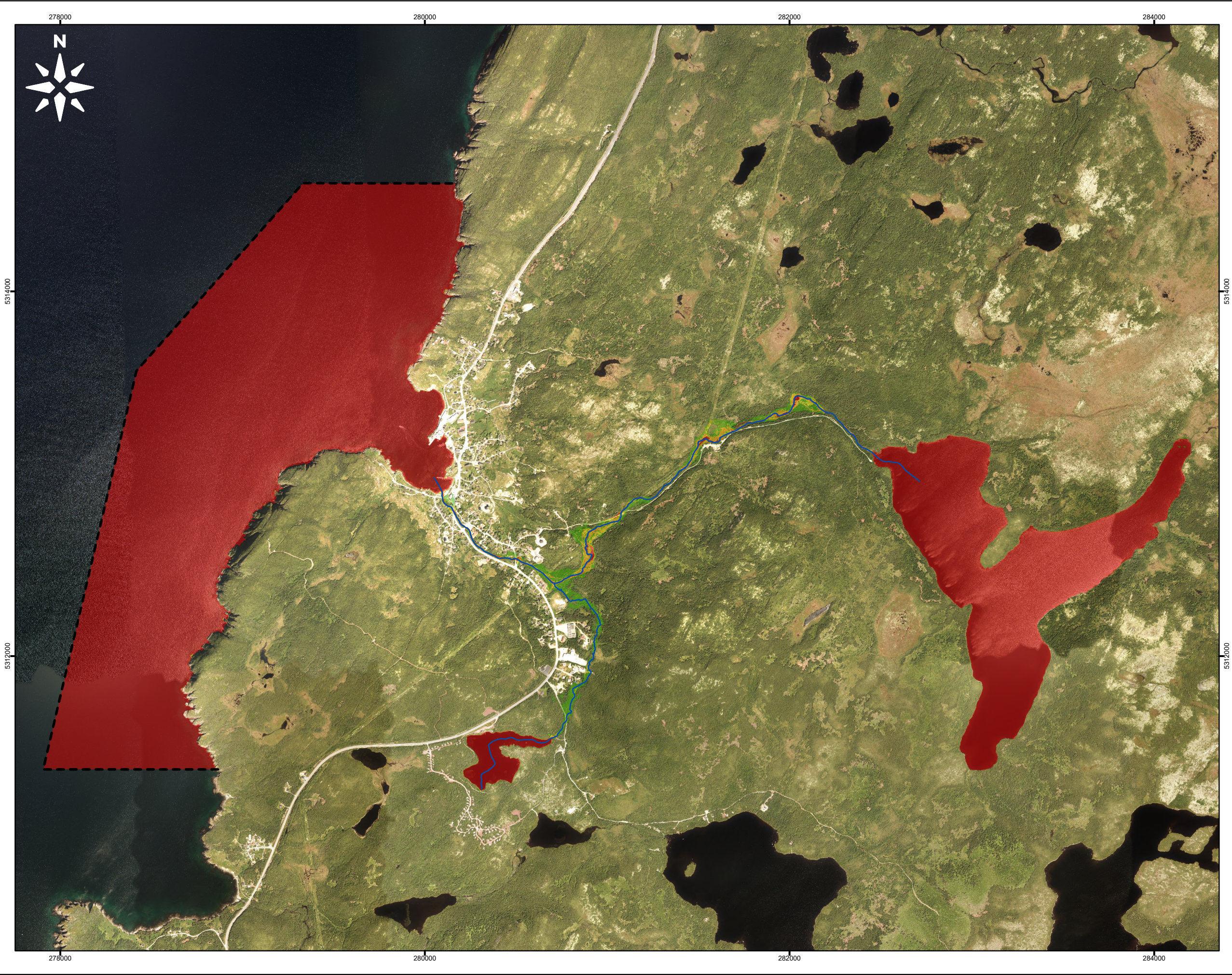
- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - 20 Year Velocity - 0.0 - 1.0 m/s
 - 20 Year Velocity - 1.0 - 2.0 m/s
 - 20 Year Velocity - 2.0 - 3.0 m/s
 - 20 Year Velocity - 3.0 - 4.0 m/s
 - 20 Year Velocity - 4.0 - 5.0 m/s
 - 20 Year Velocity - Greater than 5.0 m/s

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

100 0 100 200 300 400 500
Metres
SCALE: 1:20,000 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				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)				
1:20 YEAR VELOCITY DISTRIBUTION				
DECEMBER 2025		FIGURE 4.4		REV: 0



- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - 20 Year Flood Risk - Low
 - 20 Year Flood Risk - Moderate
 - 20 Year Flood Risk - Significant
 - 20 Year Flood Risk - Extreme

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

100 0 100 200 300 400 500
Metres
SCALE: 1:20,000 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				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)				
1:20 YEAR FLOOD RISK				
DECEMBER 2025		FIGURE 4.5		REV: 0



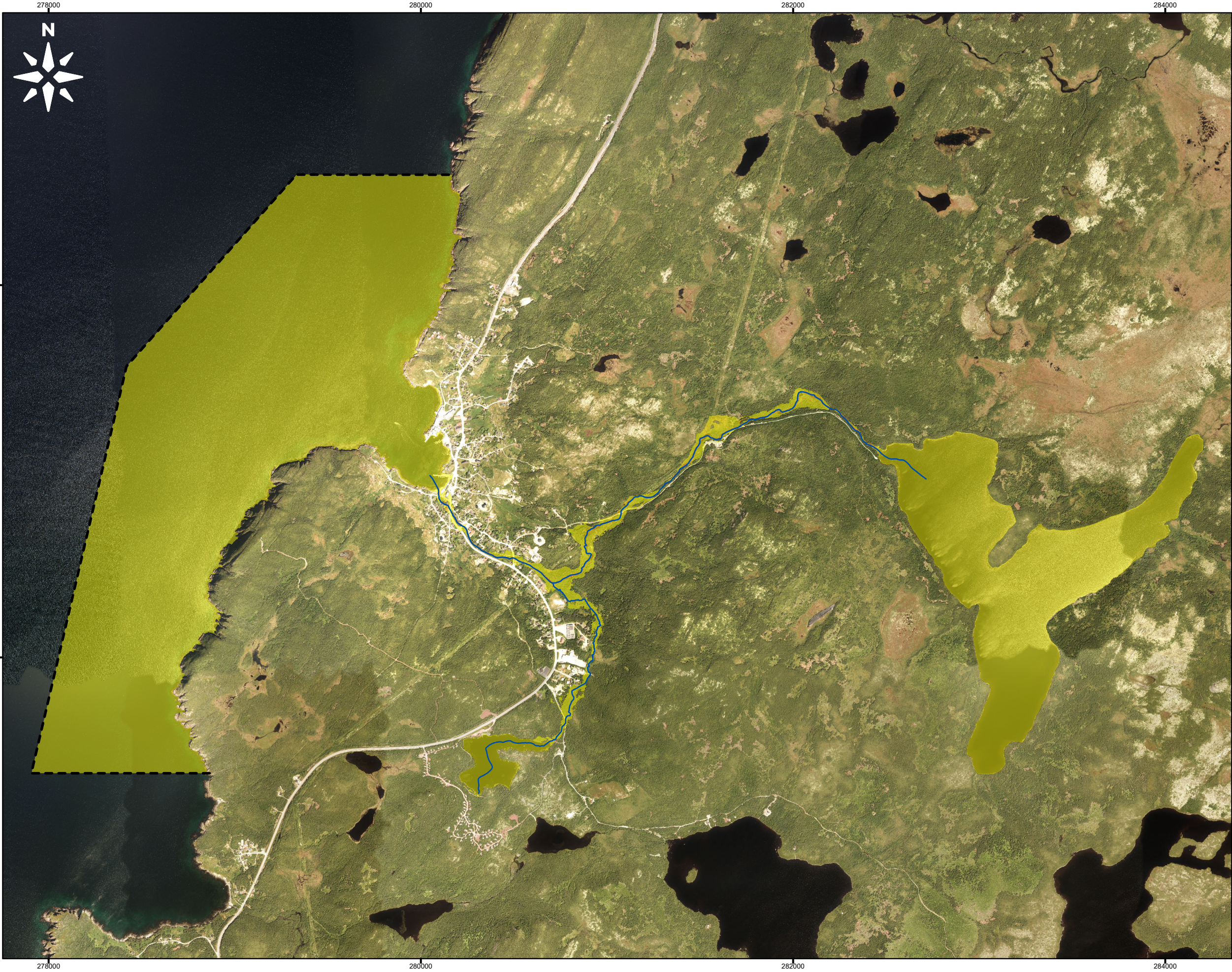
- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - 100 Year Depth - 0.0 - 0.5 m
 - 100 Year Depth - 0.5 - 1.0 m
 - 100 Year Depth - 1.0 - 1.5 m
 - 100 Year Depth - 1.5 - 2.0 m
 - 100 Year Depth - Greater Than 2.0 m

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

100 0 100 200 300 400 500
Metres
SCALE: 1:20,000 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				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)				
1:100 YEAR INUNDATION DEPTH				
DECEMBER 2025		FIGURE 4.6		REV: 0



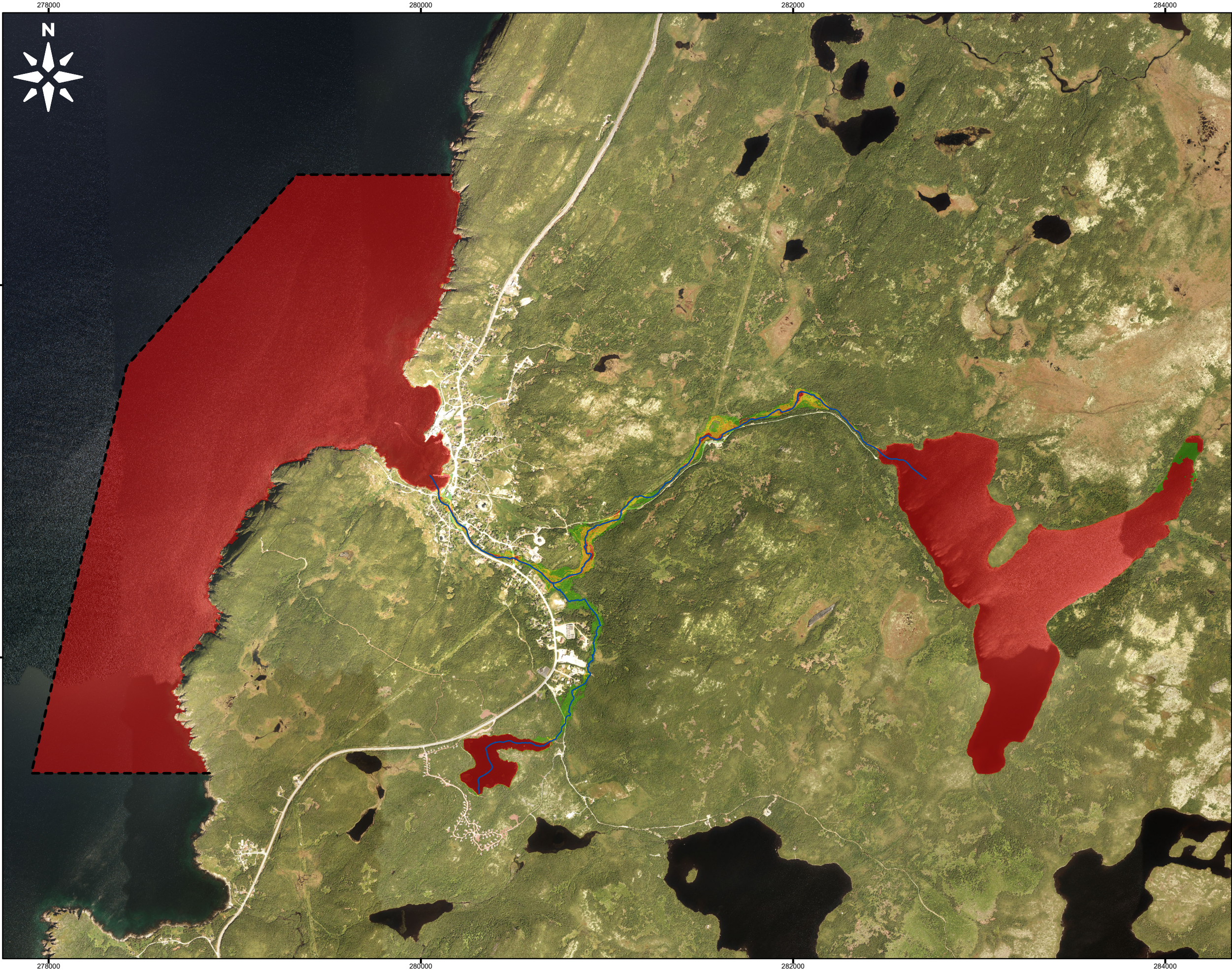
- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - 100 Year Velocity - 0.0 - 1.0 m/s
 - 100 Year Velocity - 1.0 - 2.0 m/s
 - 100 Year Velocity - 2.0 - 3.0 m/s
 - 100 Year Velocity - 3.0 - 4.0 m/s
 - 100 Year Velocity - 4.0 - 5.0 m/s
 - 100 Year Velocity - Greater than 5.0 m/s

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

100 0 100 200 300 400 500
Metres
SCALE: 1:20,000 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							
							
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR							
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)							
1:100 YEAR VELOCITY DISTRIBUTION							
DECEMBER 2025		FIGURE 4.7		REV: 0			



- LEGEND:**
- River/Creek Centreline
 - Limit of Mapping
 - 100 Year Flood Risk - Low
 - 100 Year Flood Risk - Moderate
 - 100 Year Flood Risk - Significant
 - 100 Year Flood Risk - Extreme

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

100 0 100 200 300 400 500
Metres
SCALE: 1:20,000 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				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)				
1:100 YEAR FLOOD RISK				
DECEMBER 2025		FIGURE 4.8		REV: 0