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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)

200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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Newfoundland Labrador Canada

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 1.3	REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig1.3
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

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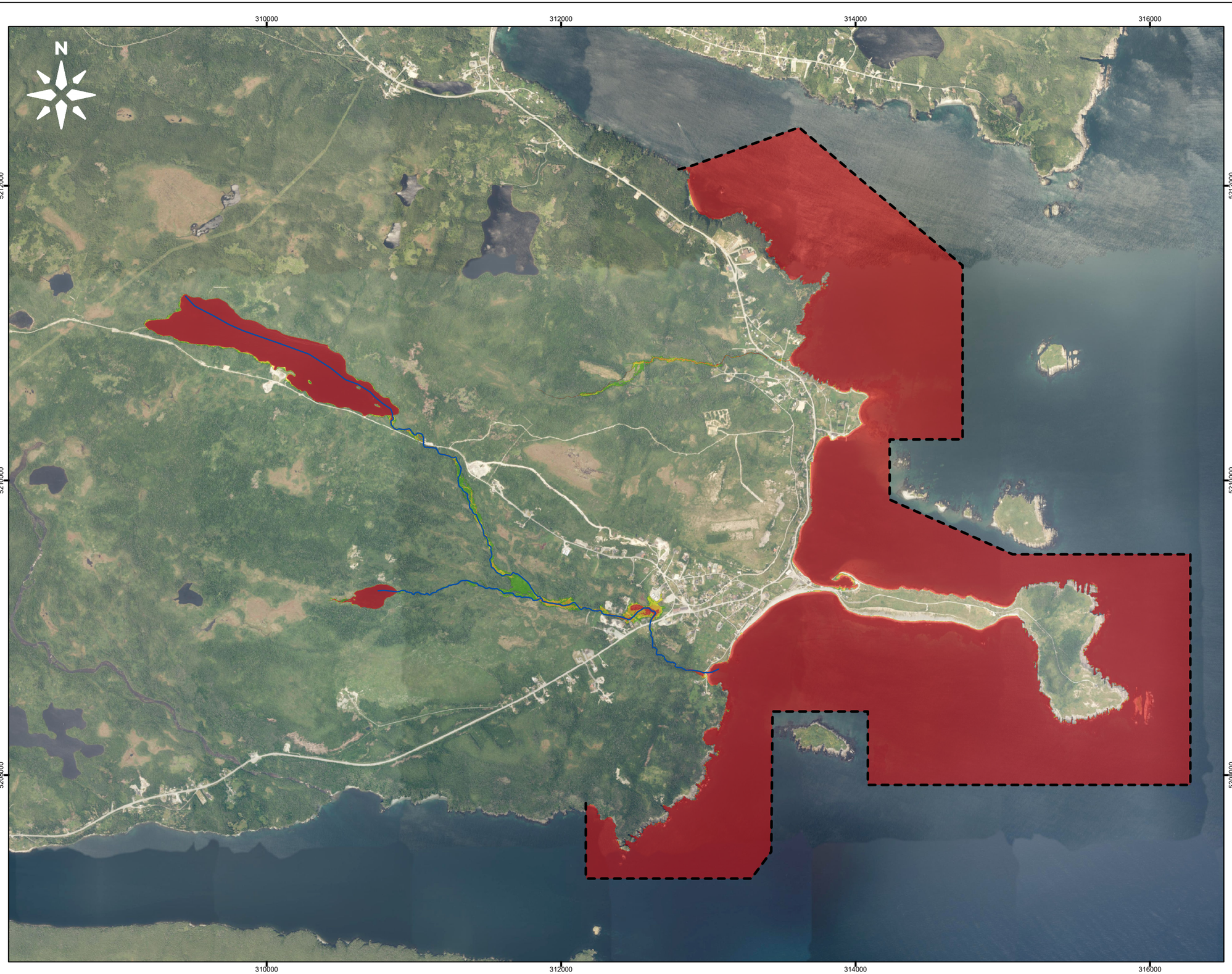
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR VELOCITY DISTRUBUTION

DECEMBER 2025 | FIGURE 1.4 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig1.4
11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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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 1.5	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
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Metres

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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 1.6	REV.: 0

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11"x17" PLOT SCALE 1:1

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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
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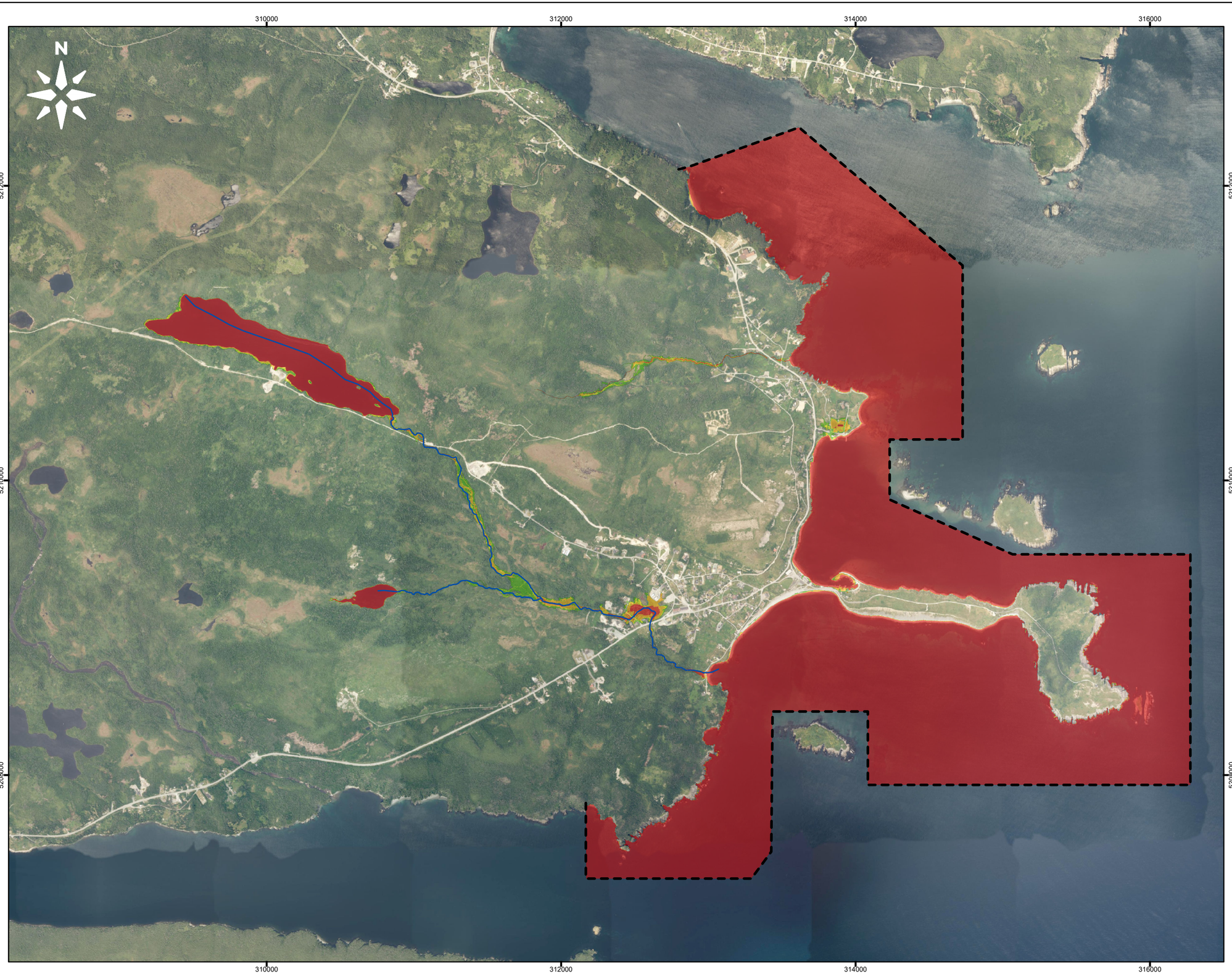
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 1.7 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig1.7
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
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200 0 200 400 600 800 1,000
Metres

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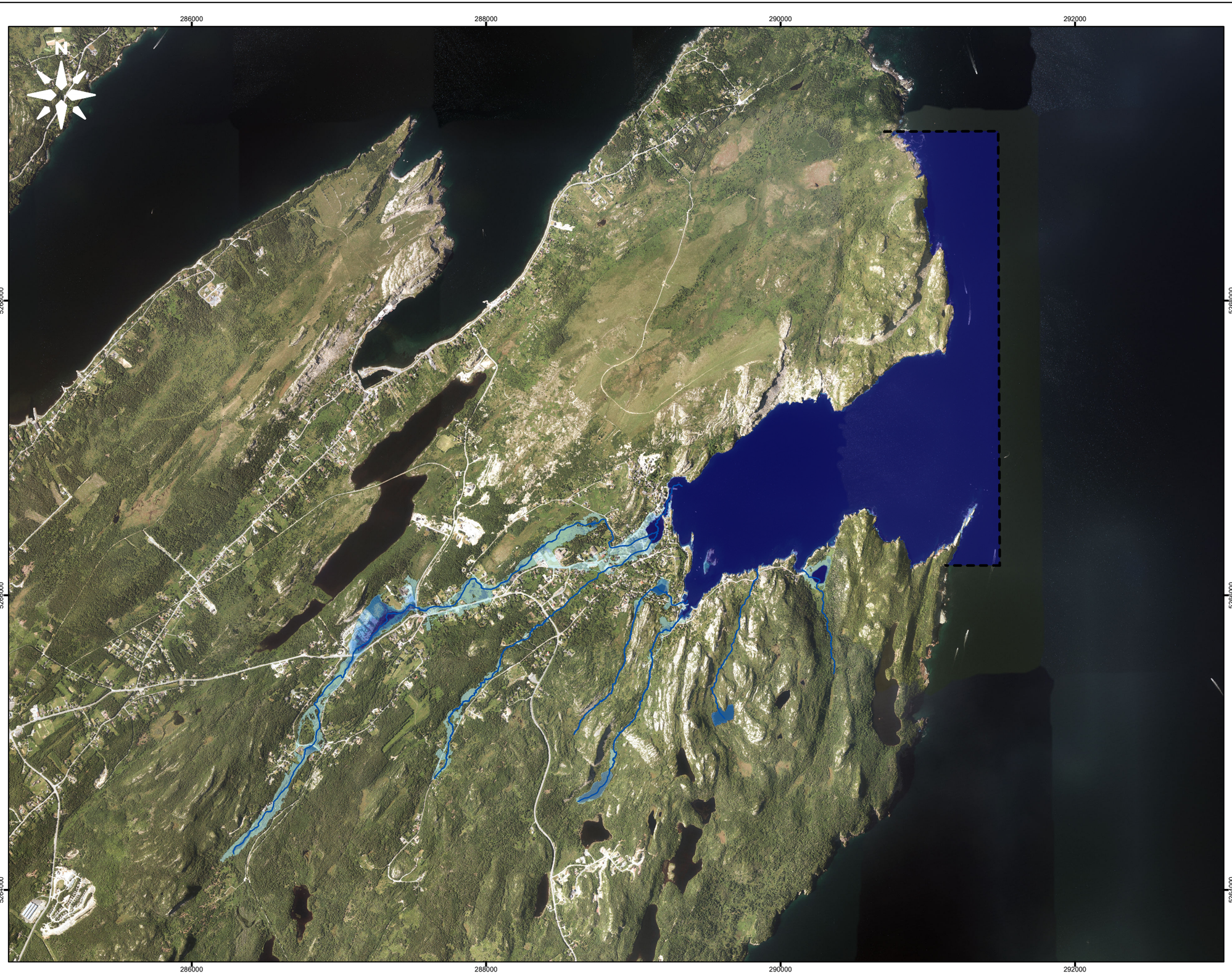
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 1.8 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Depth - 0.0 - 0.5 m
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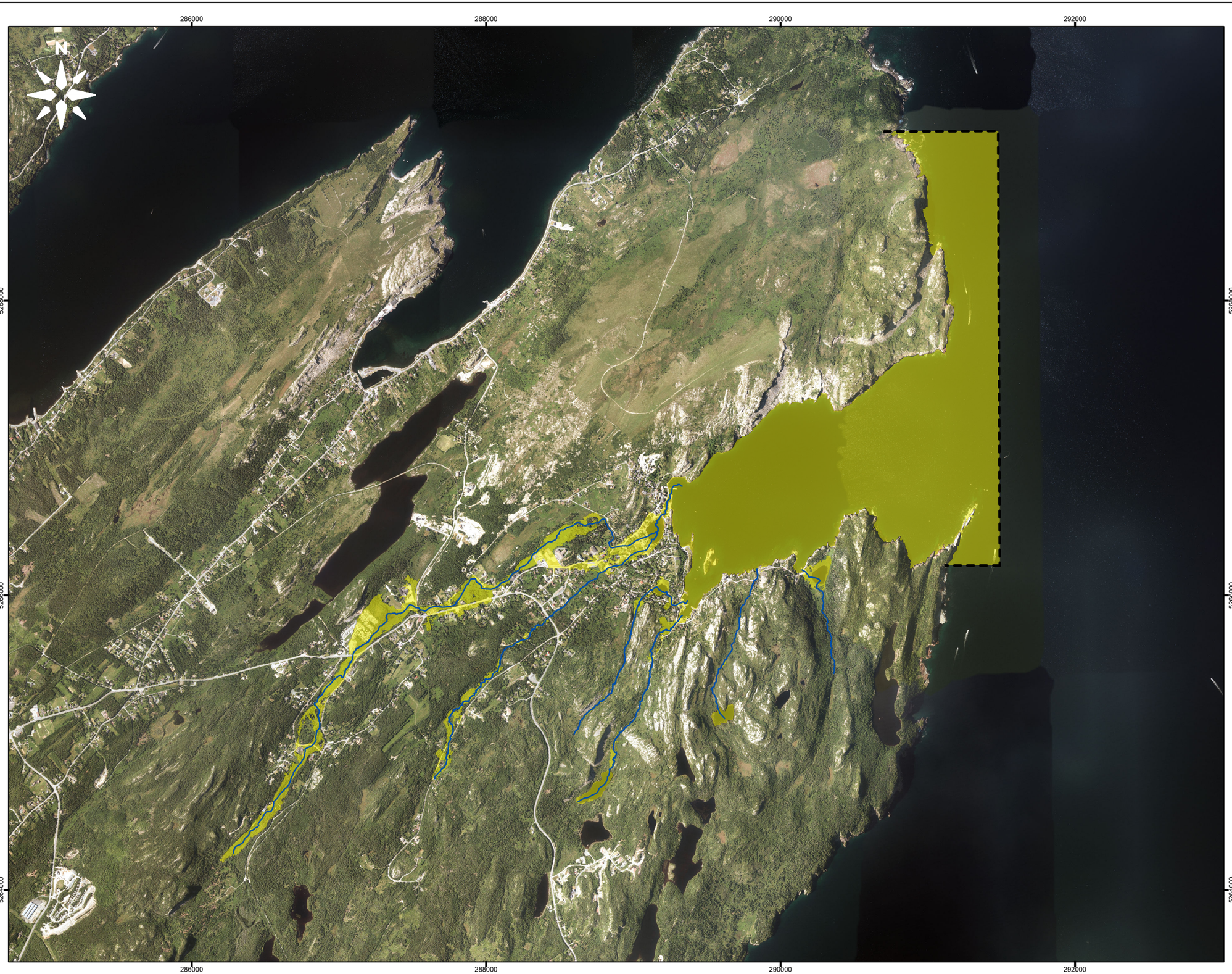
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 2.3 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.3
11"x17" PLOT SCALE 1:1

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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
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- 20 Year Velocity - 4.0 - 5.0 m/s
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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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 2.4 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.4
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
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Newfoundland Labrador Canada

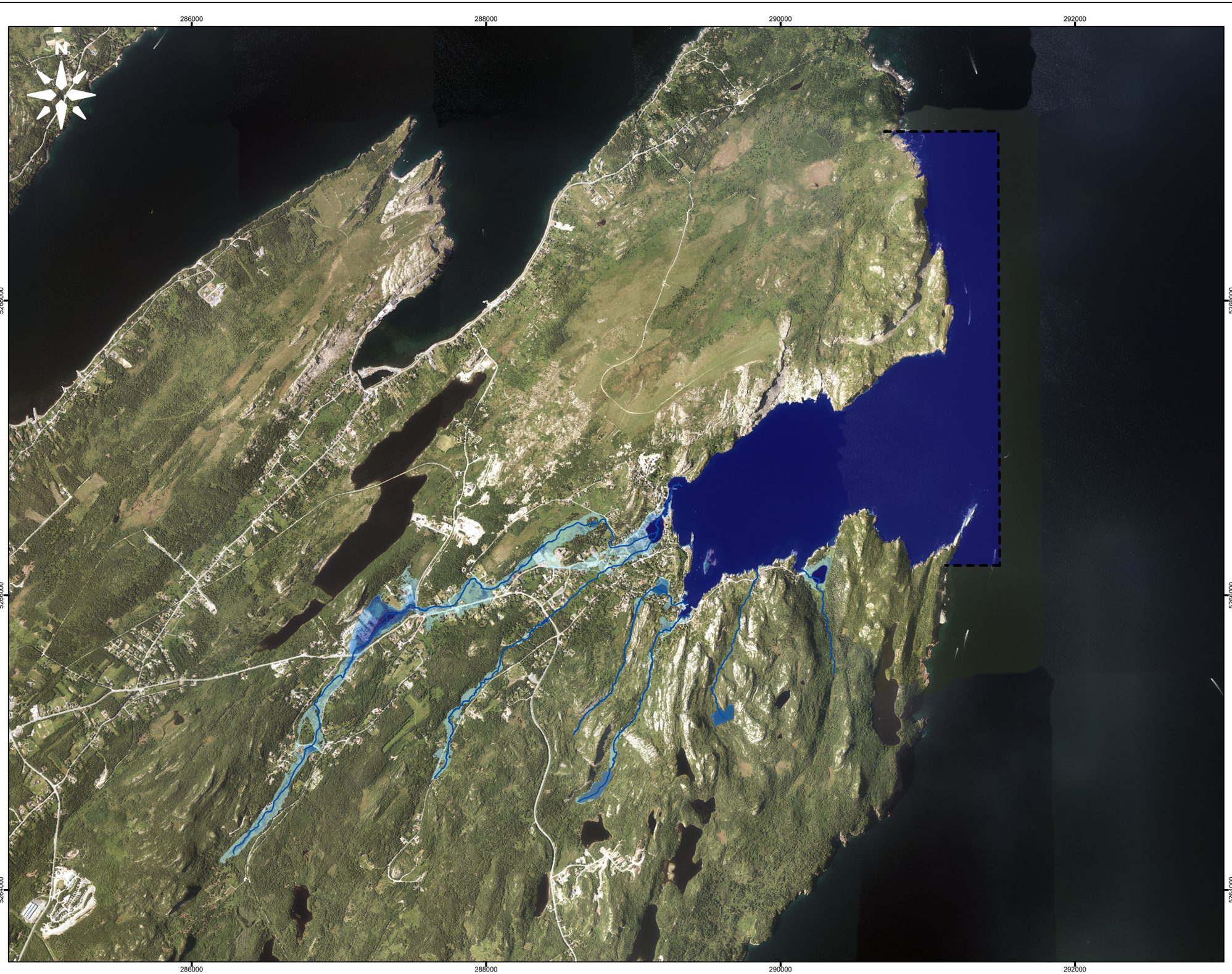
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 2.5	REV: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.5
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
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- 100 Year Depth - 1.5 - 2.0 m
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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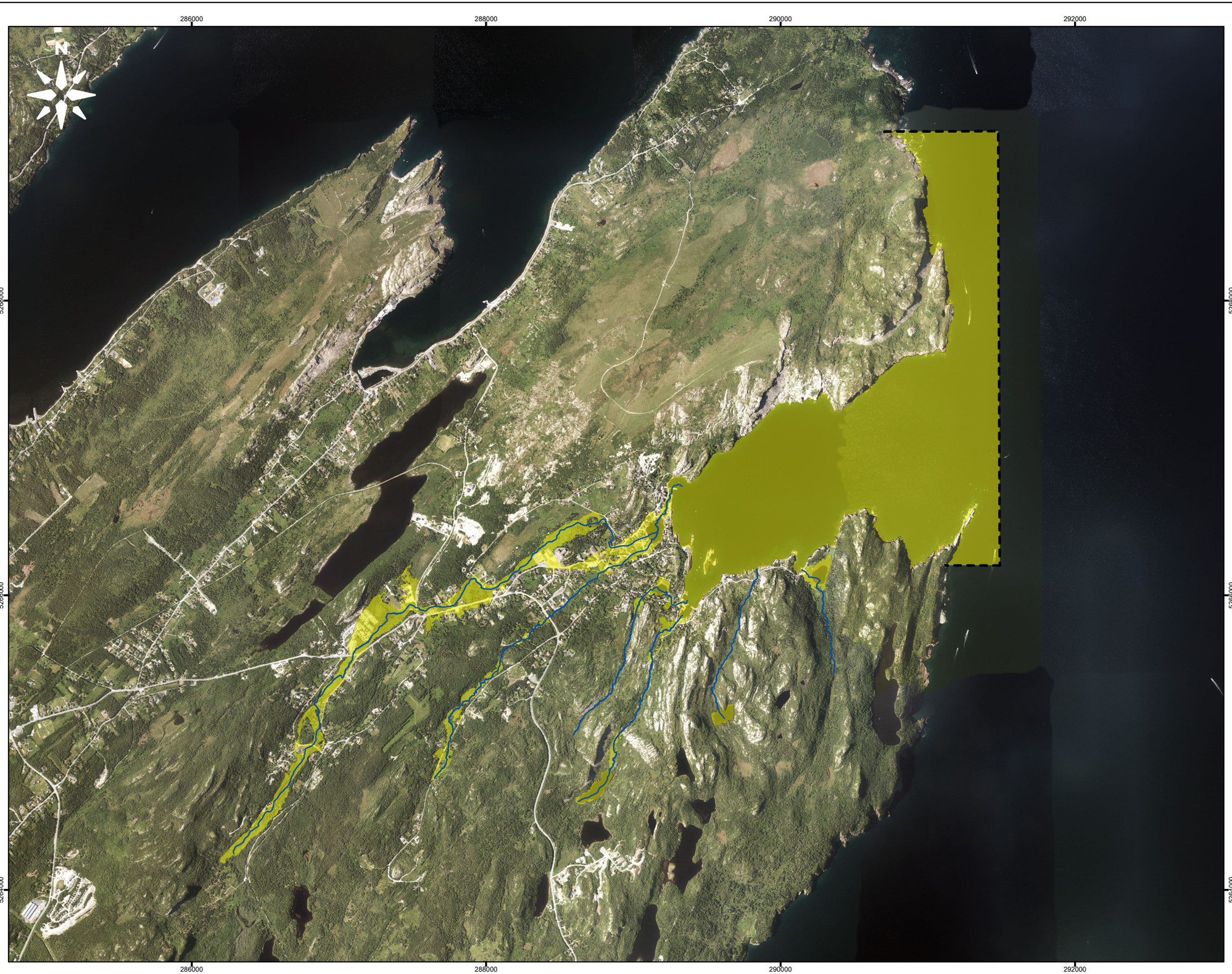
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 2.6 | REV: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.6
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Velocity - 0.0 - 1.0 m/s
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- 100 Year Velocity - 2.0 - 3.0 m/s
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200 0 200 400 600 800 1,000
Metres

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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 2.7 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
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200 0 200 400 600 800 1,000
Metres

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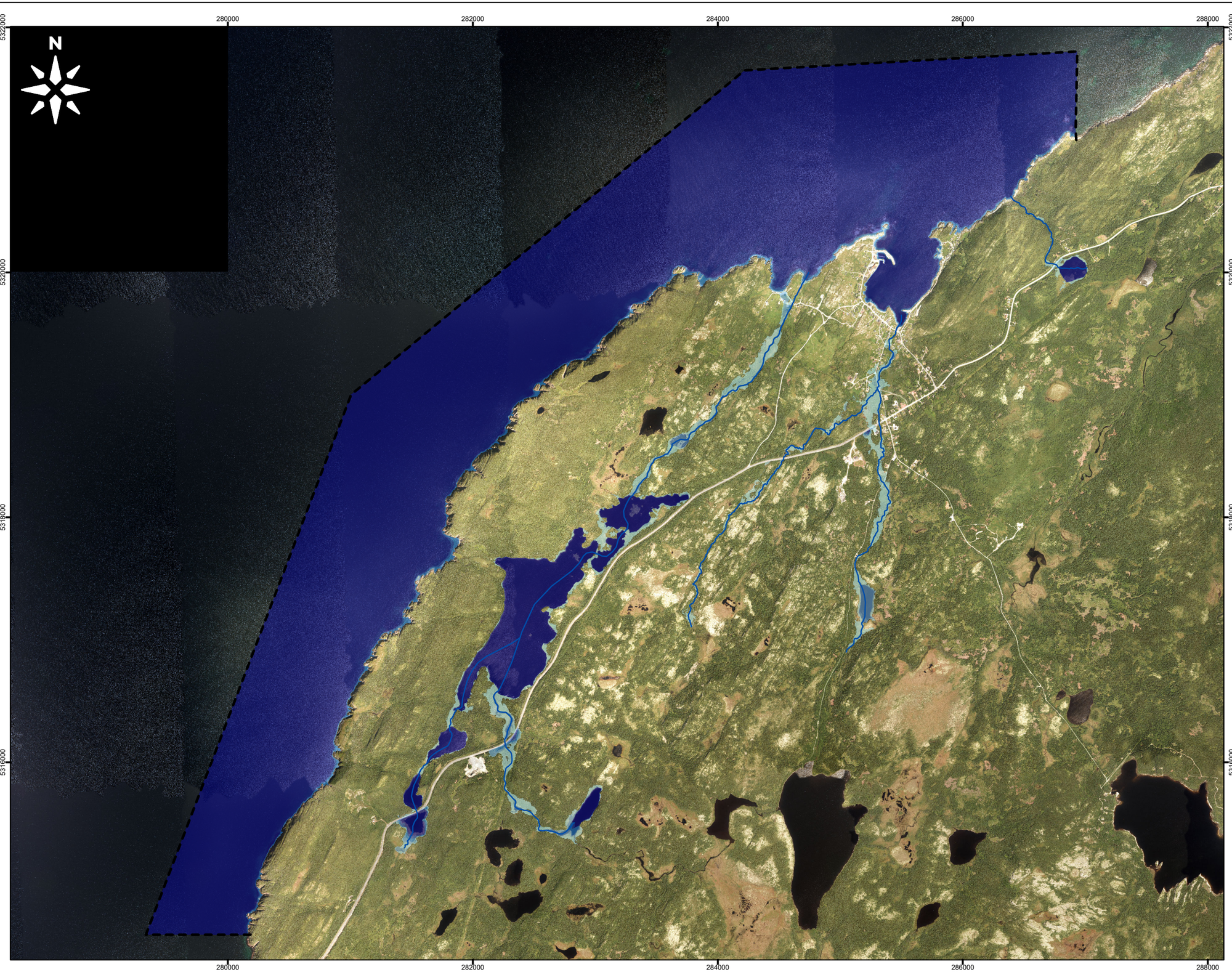
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 2.8 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Depth - 0.0 - 0.5 m
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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Newfoundland Labrador Canada

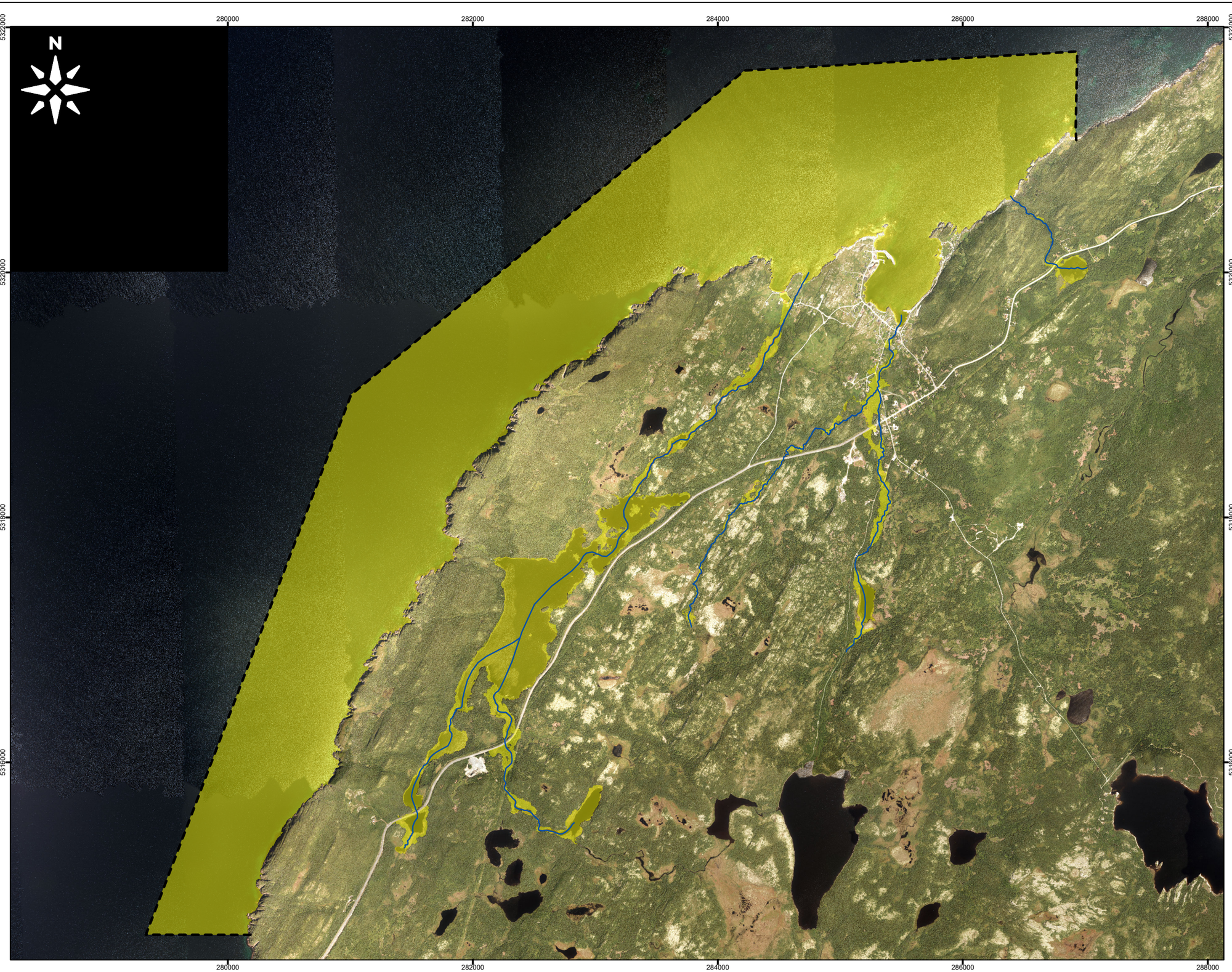
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 3.3	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Velocity - 0.0 - 1.0 m/s
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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).

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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 3.4 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.4
11"x17" PLOT SCALE 1:1

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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)

200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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).

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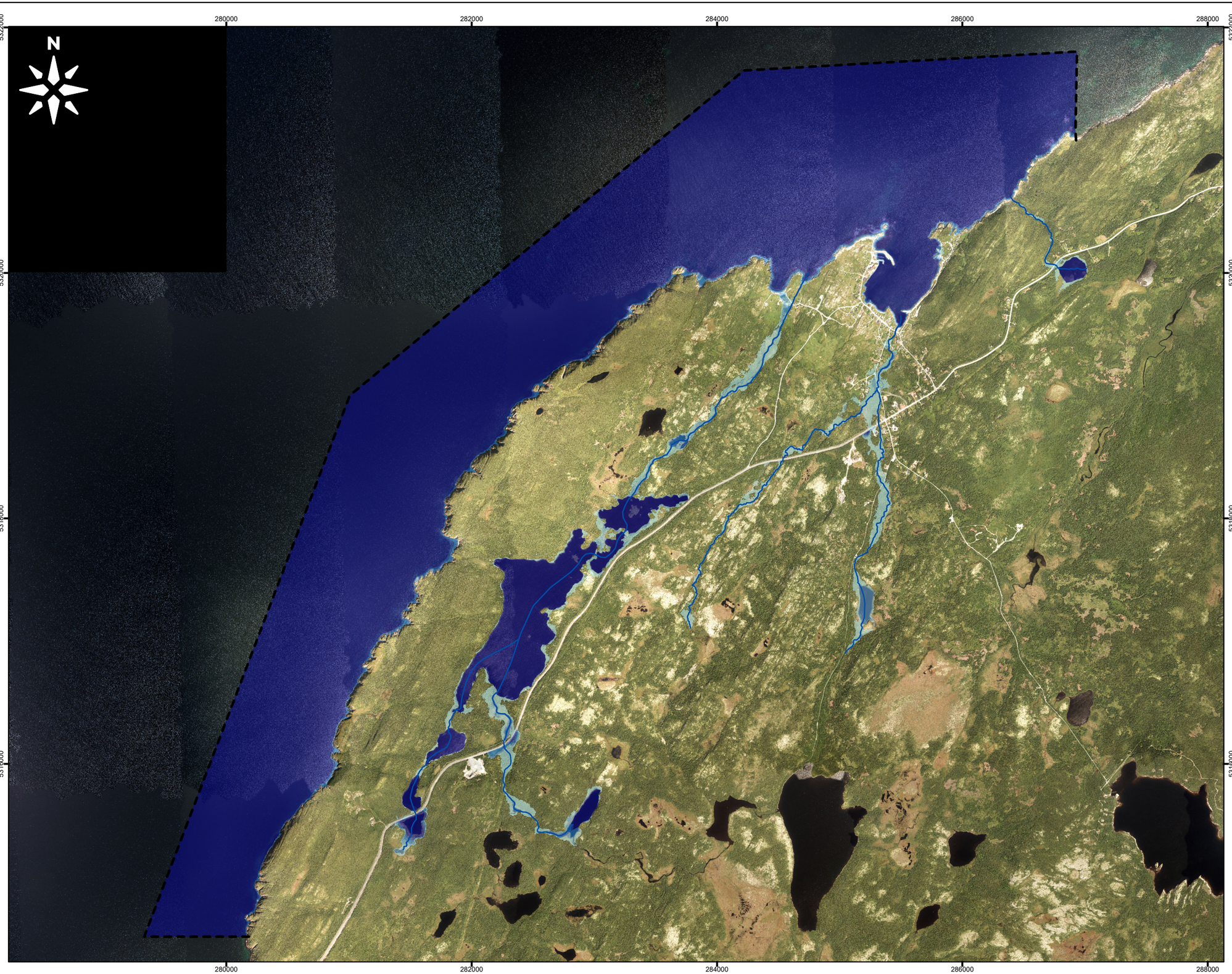
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 3.5	REV.: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.5
11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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).

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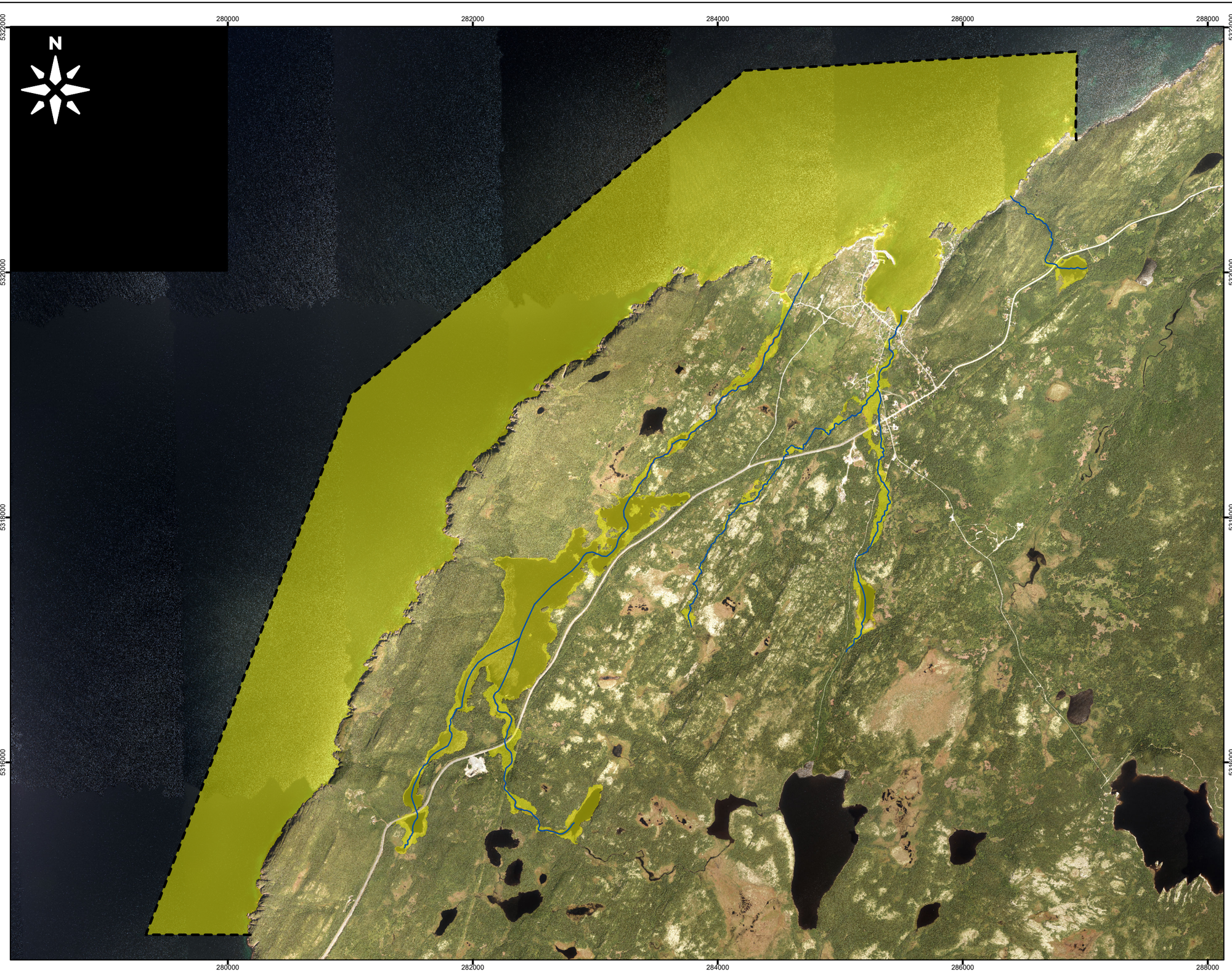
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 3.6	REV.: 0

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11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 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).

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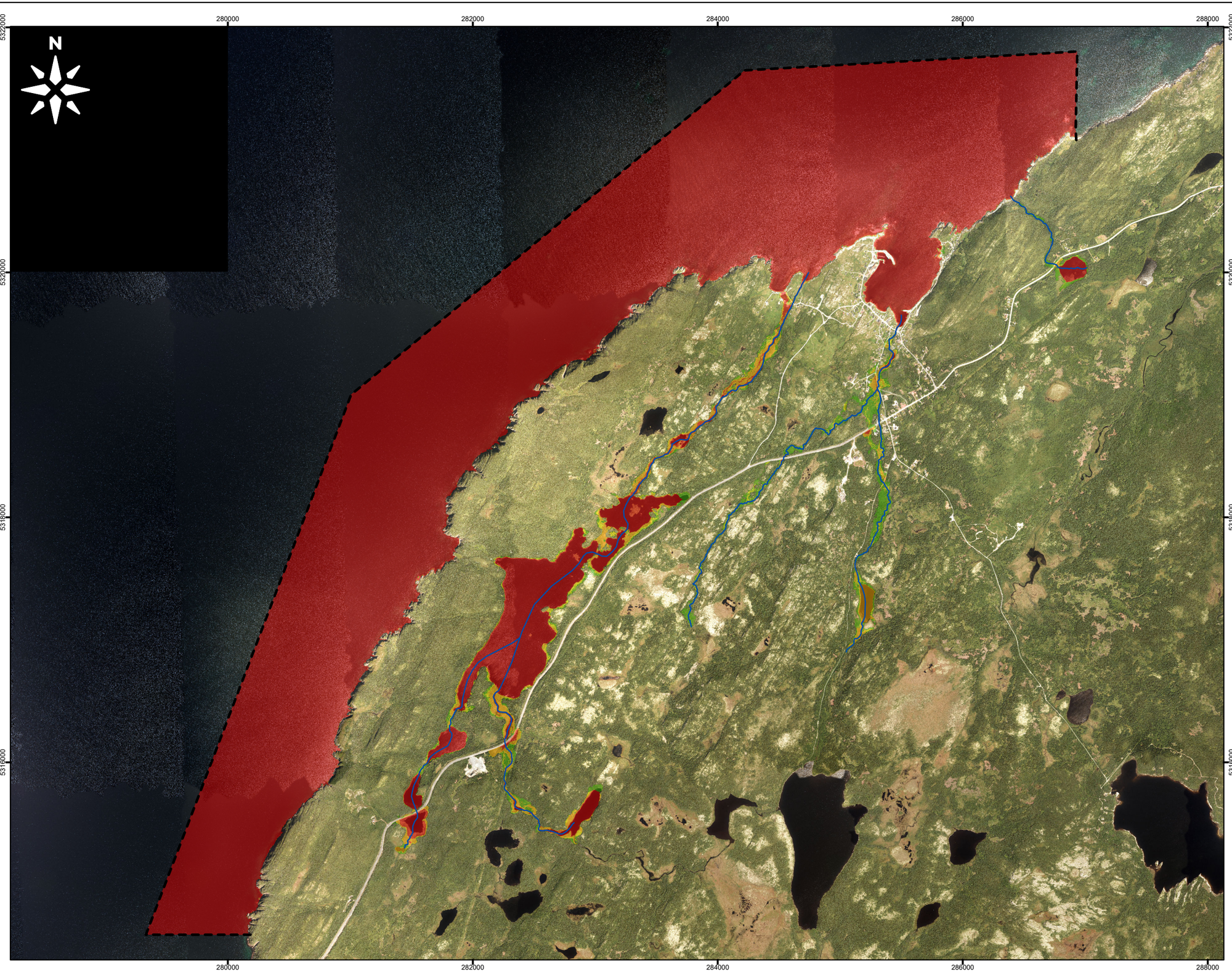
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 3.7 | REV: 0

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11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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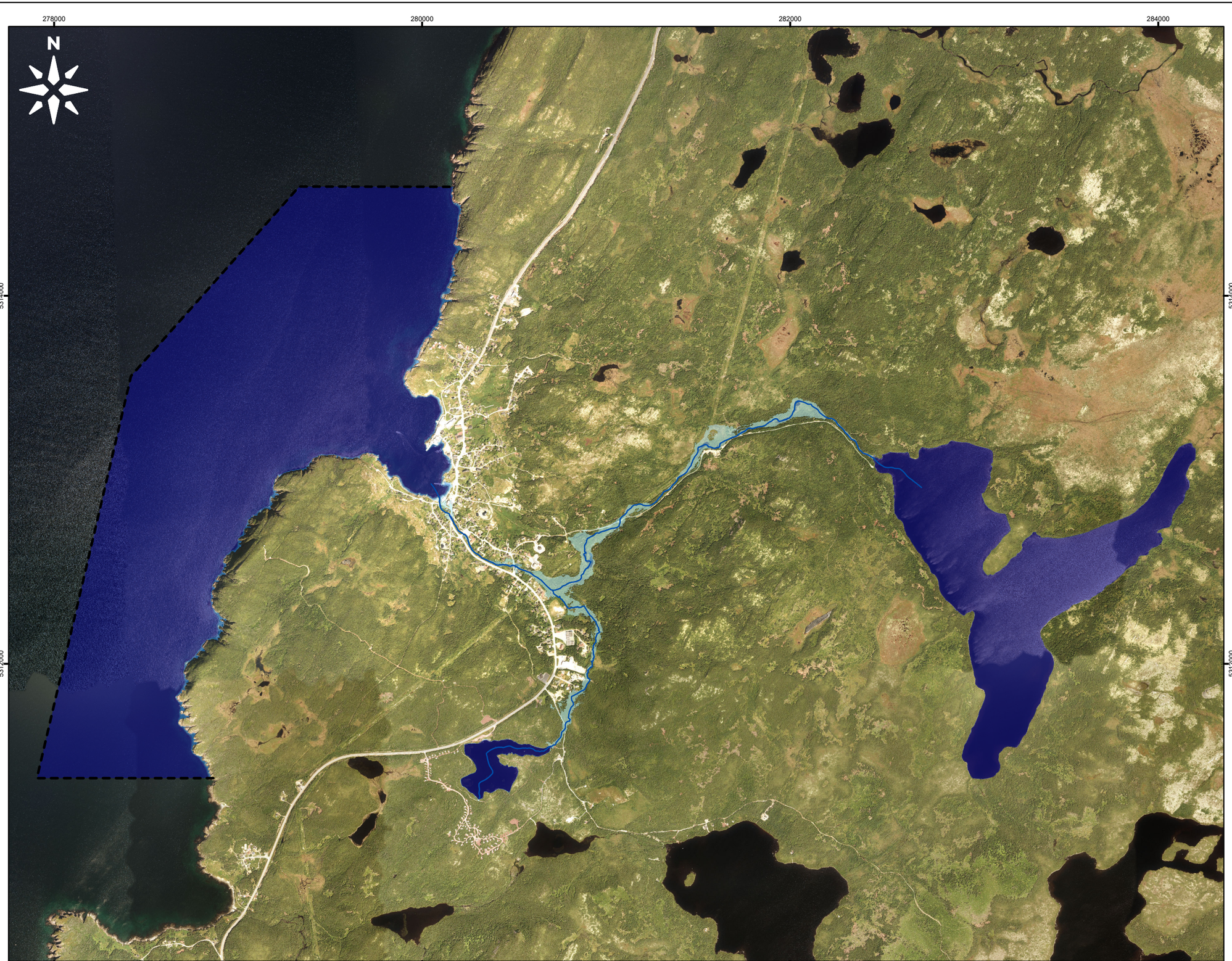
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CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 3.8	REV.: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.8
11"x17" PLOT SCALE 1:1

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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

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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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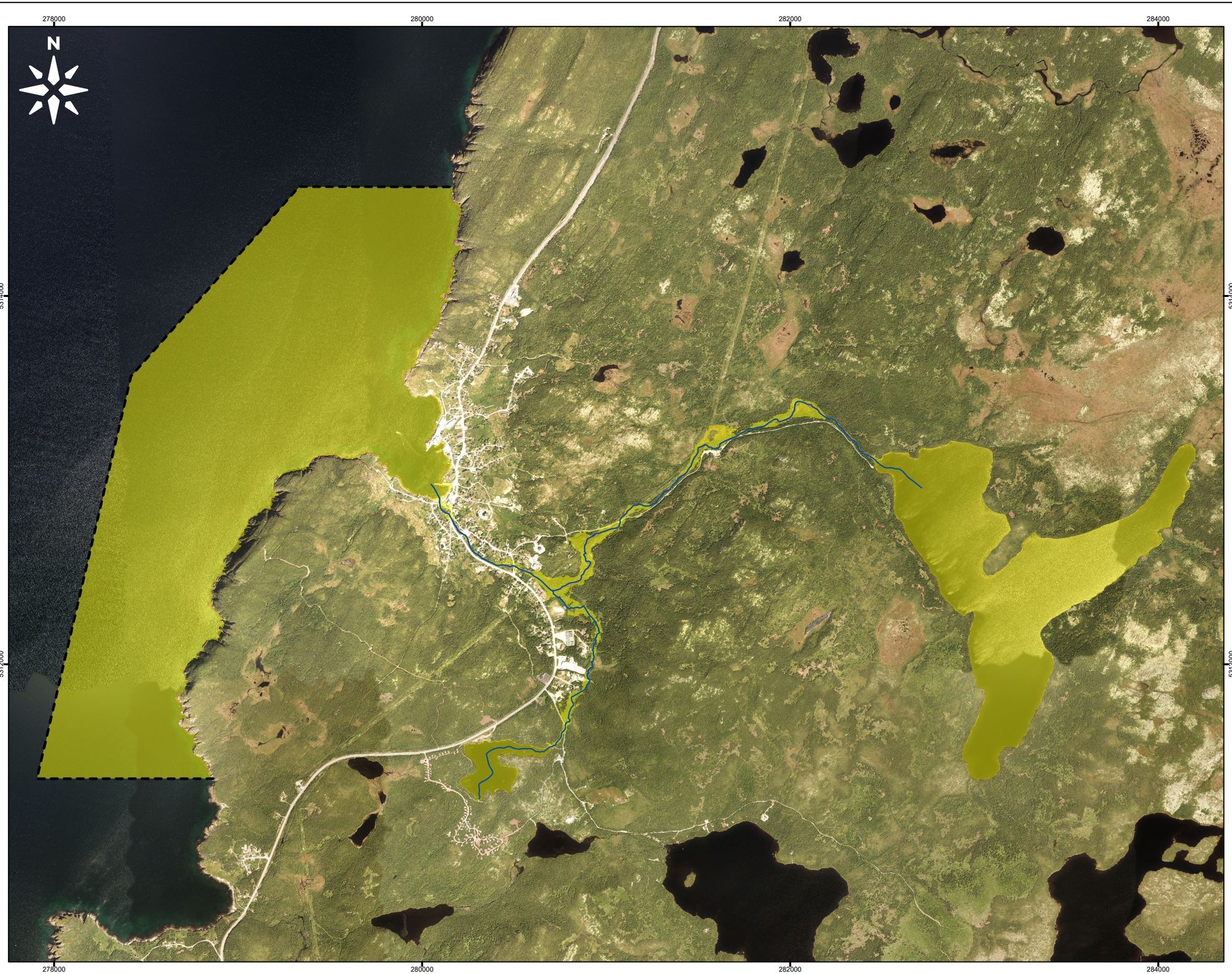
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 4.3	REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping aprx 22-3217-002-Fig4.3
11"x17" PLOT SCALE 1:1

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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
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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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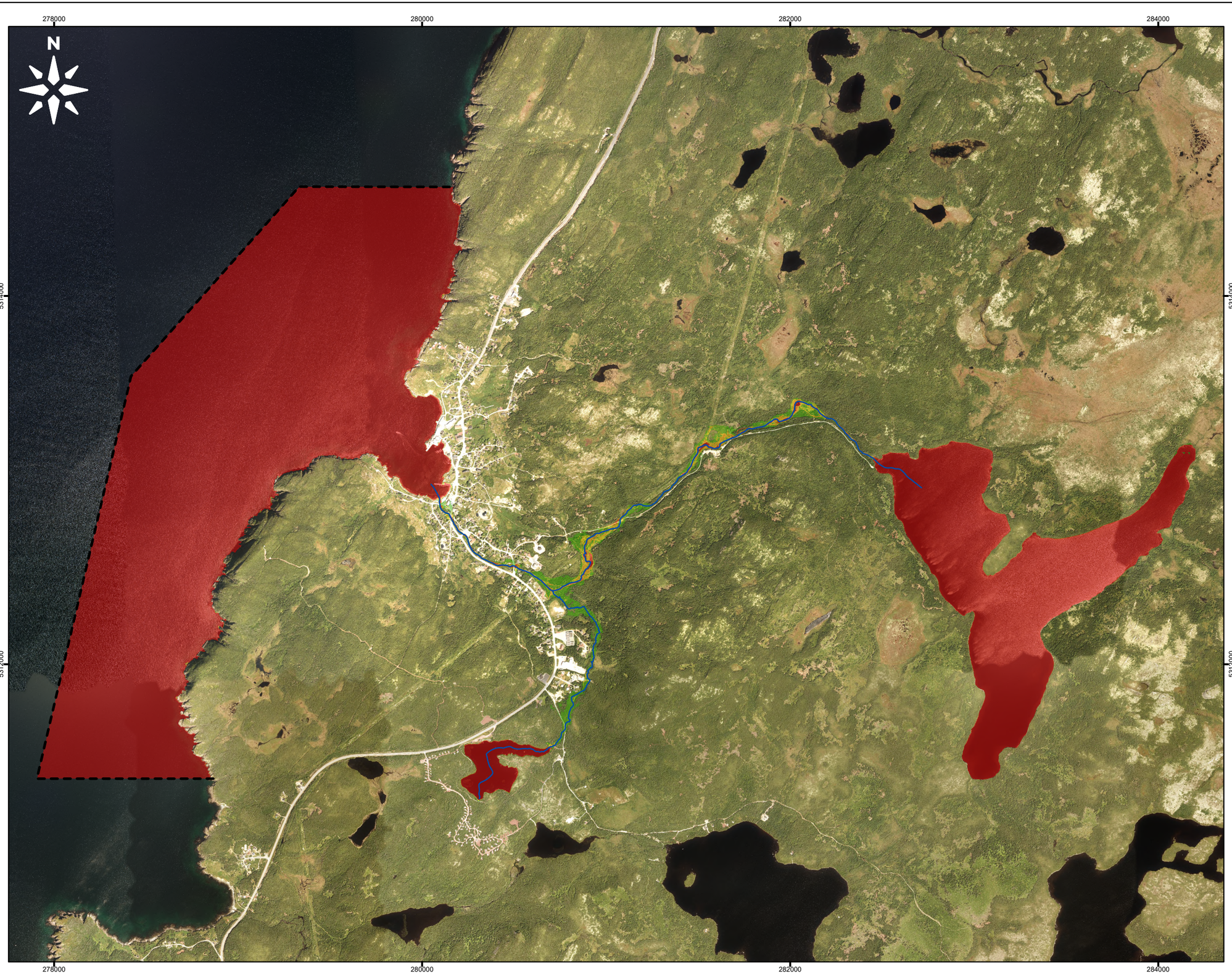
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 4.4	REV.: 0

FileName: \\wpg-file\p-data\Projects\202222-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping aprx 22-3217-002-Fig4.4
11"x17" PLOT SCALE 1:1

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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:
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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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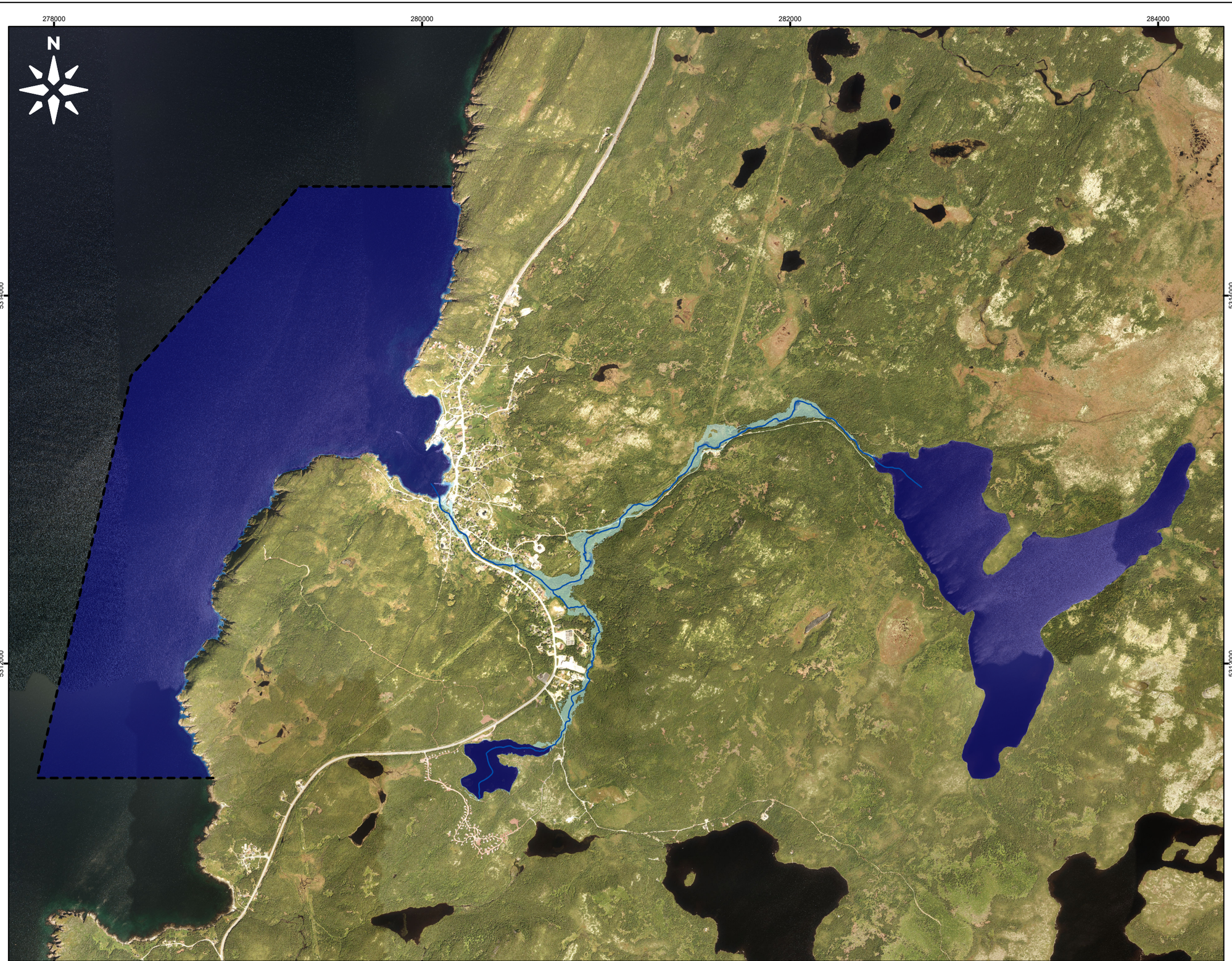
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 4.5 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig4.5
11"x17" PLOT SCALE 1:1

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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
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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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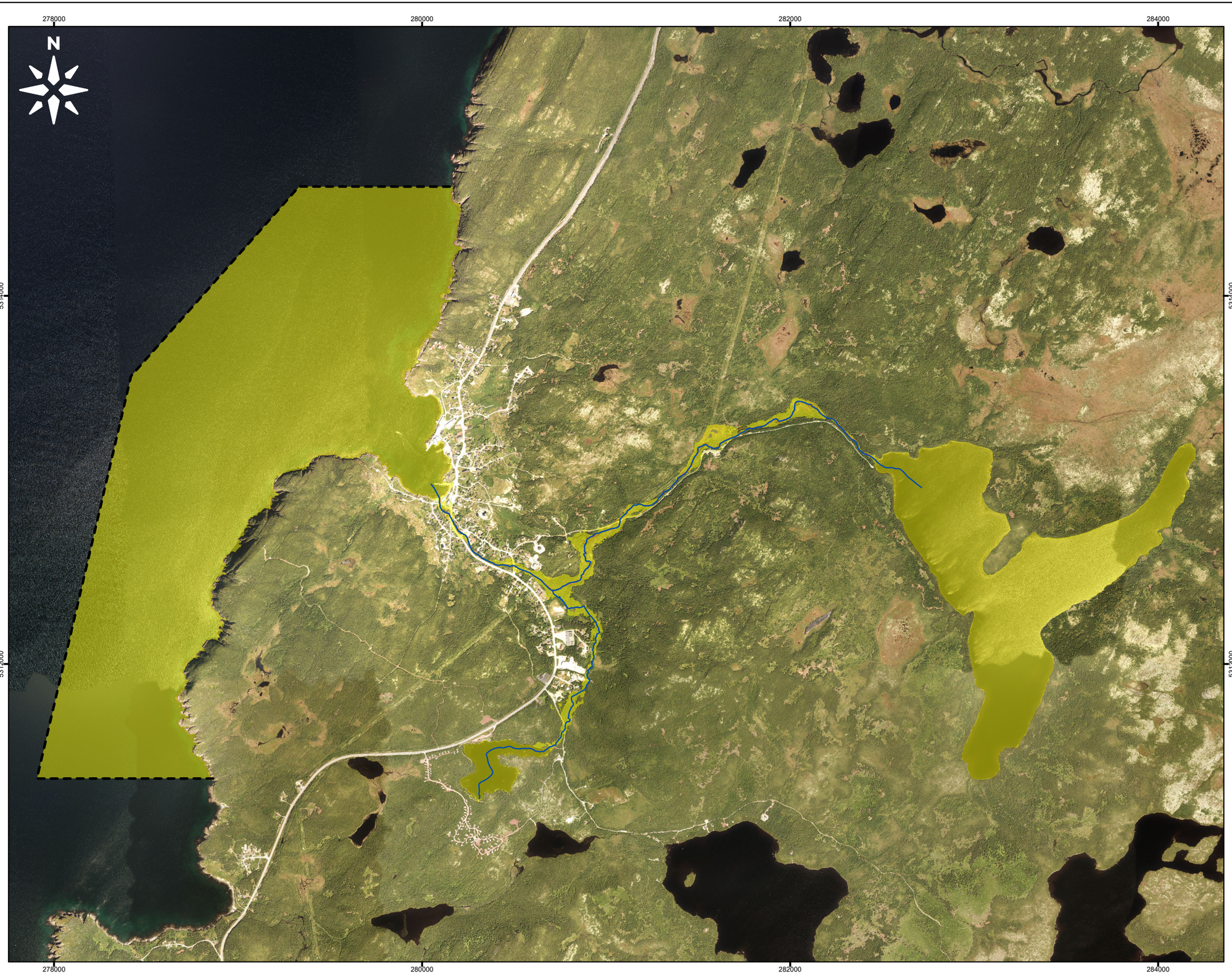
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 4.6 | REV: 0

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11"x17" PLOT SCALE 1:1

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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

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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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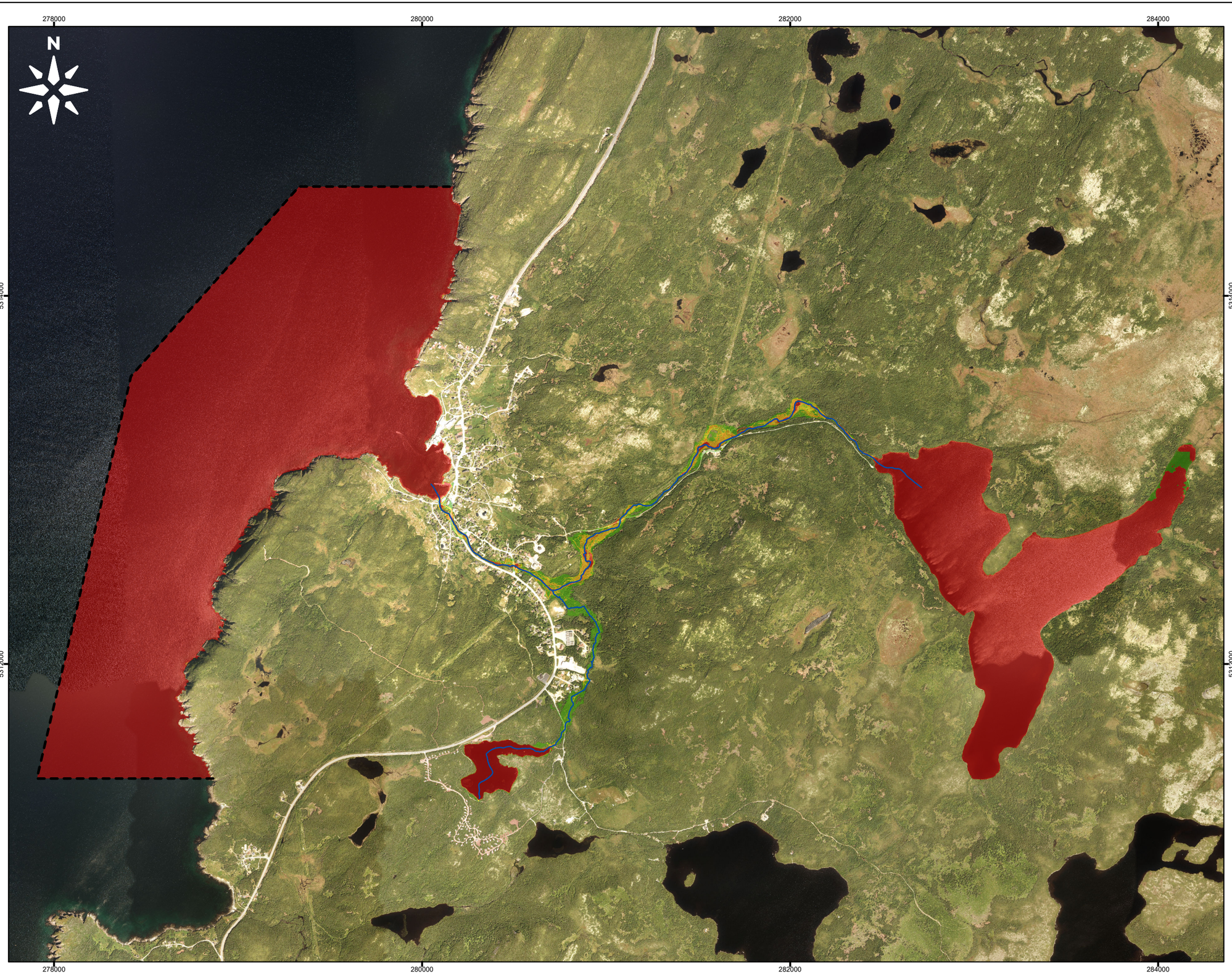
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 4.7 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping aprx 22-3217-002-Fig4.7
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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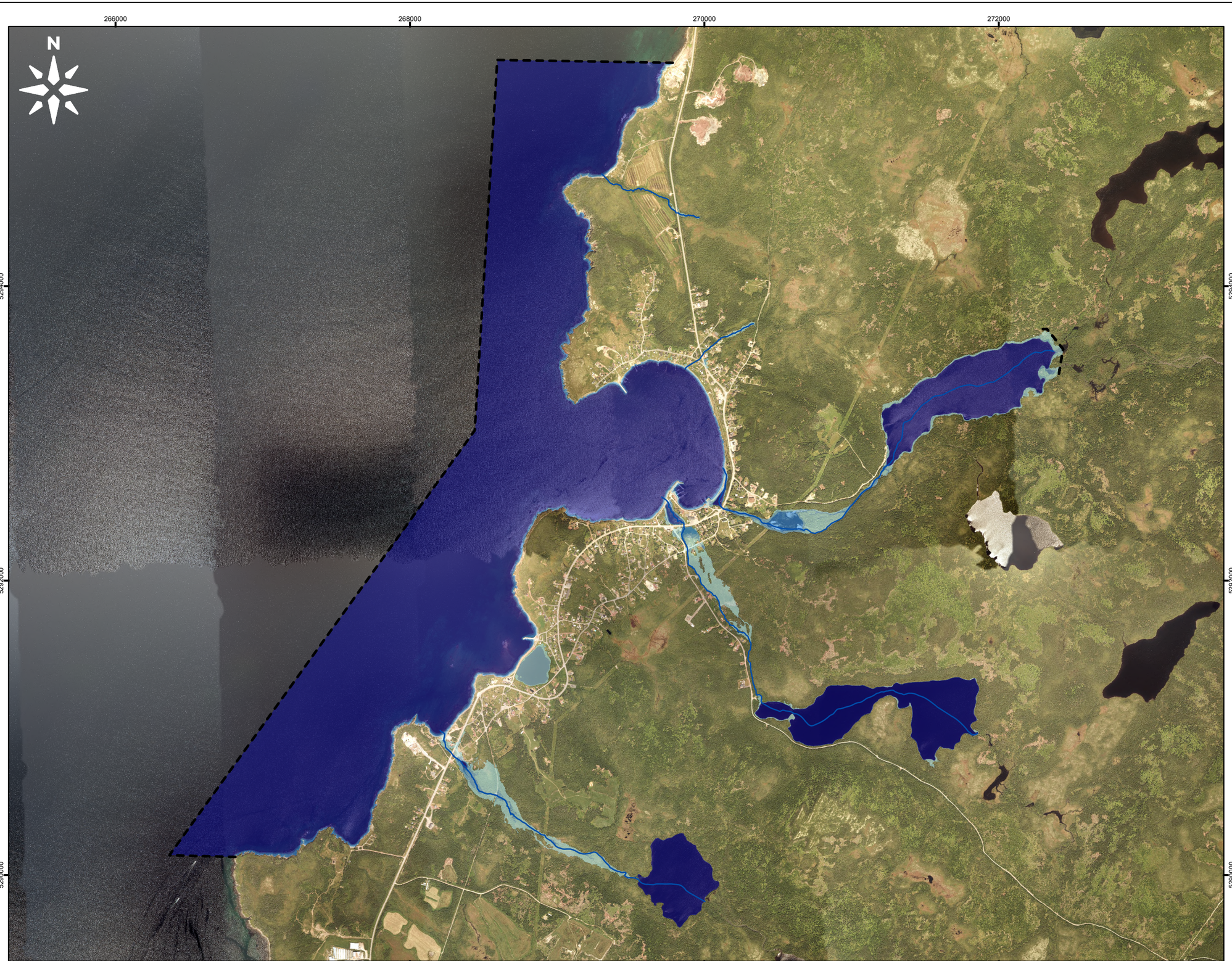
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 4.8	REV.: 0

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11"x17" PLOT SCALE 1:1

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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
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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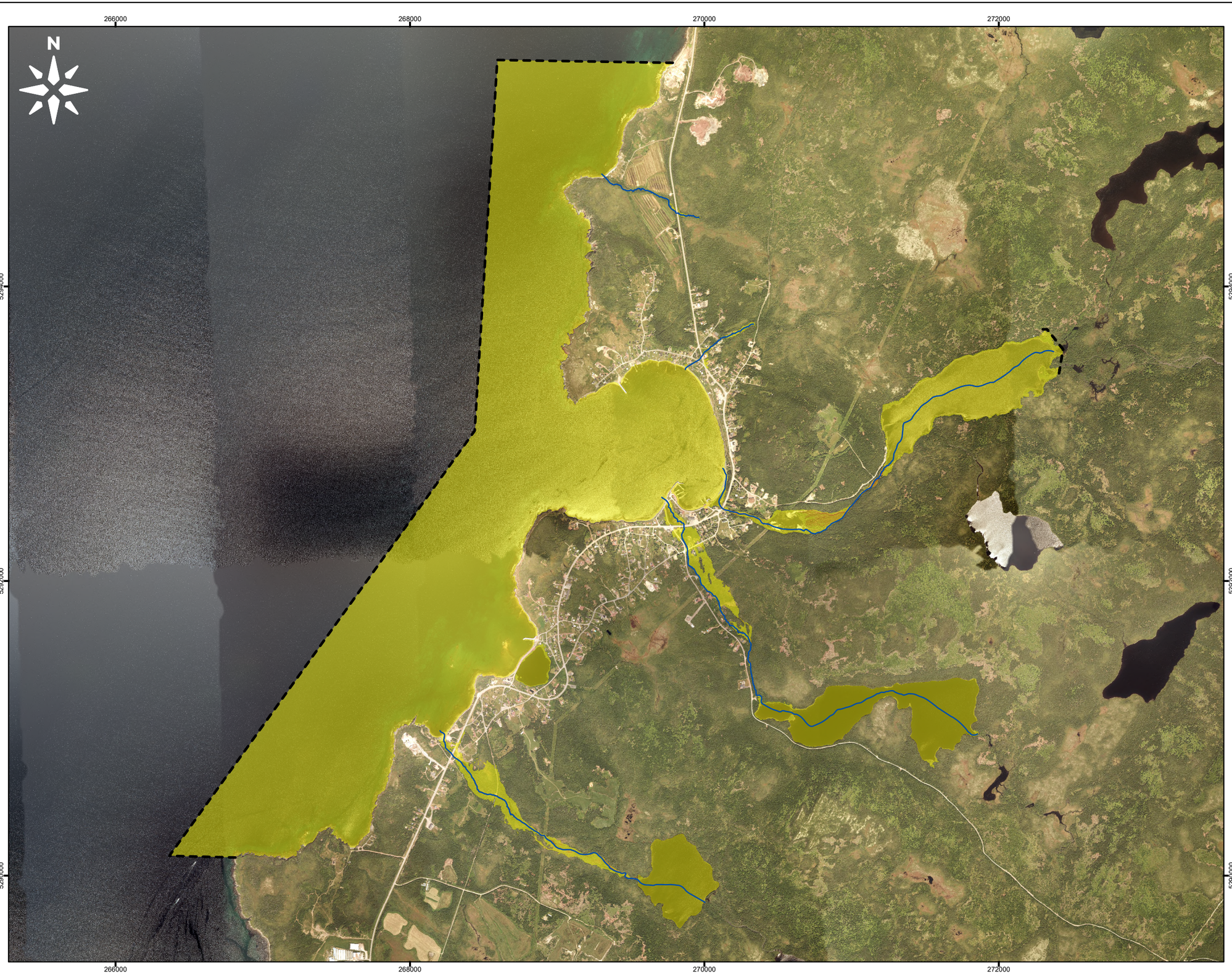
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 5.3	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Velocity - 0.0 - 1.0 m/s
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- 20 Year Velocity - 4.0 - 5.0 m/s
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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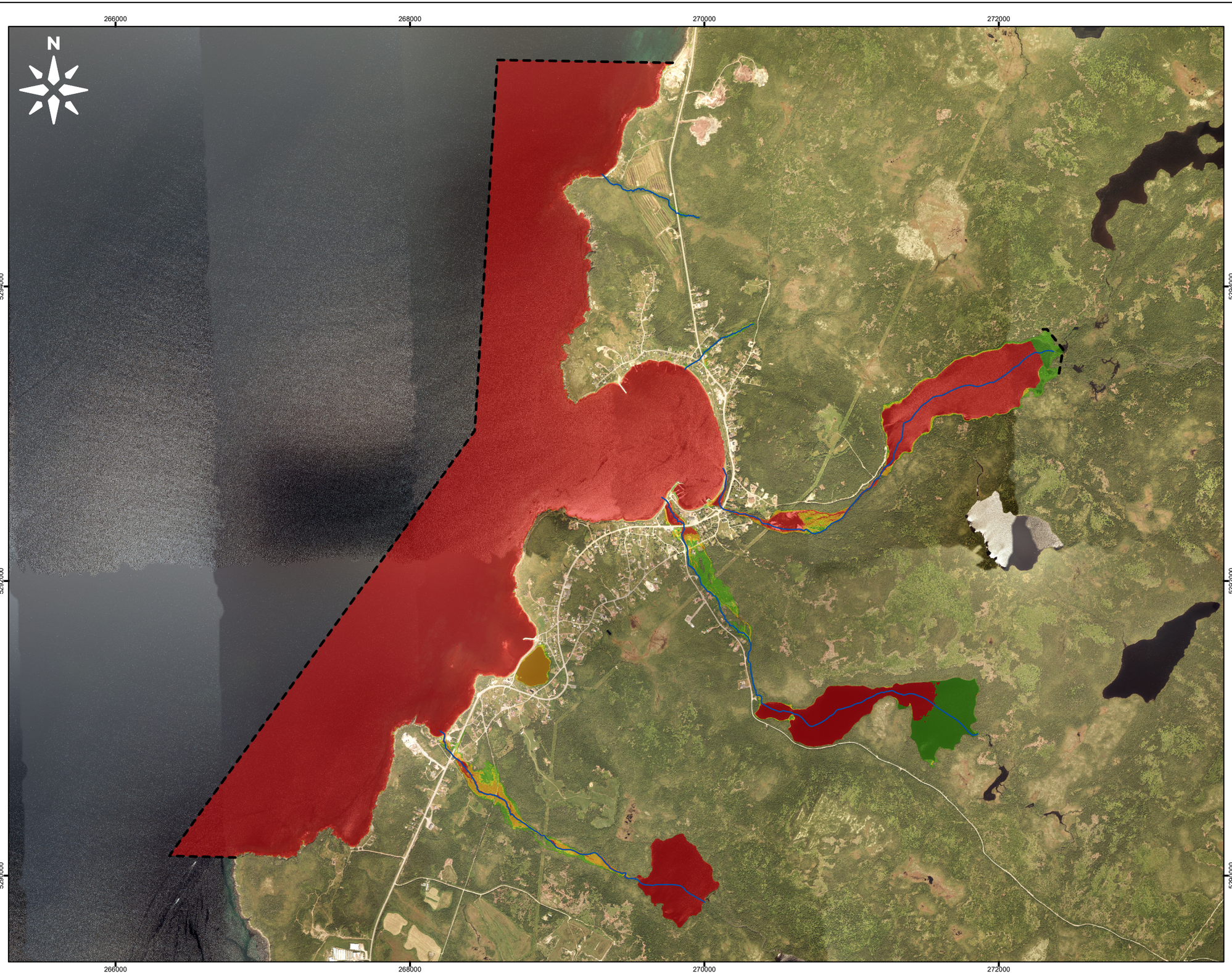
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CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 5.4 | REV: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.4
11"x17" PLOT SCALE 1:1

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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)

200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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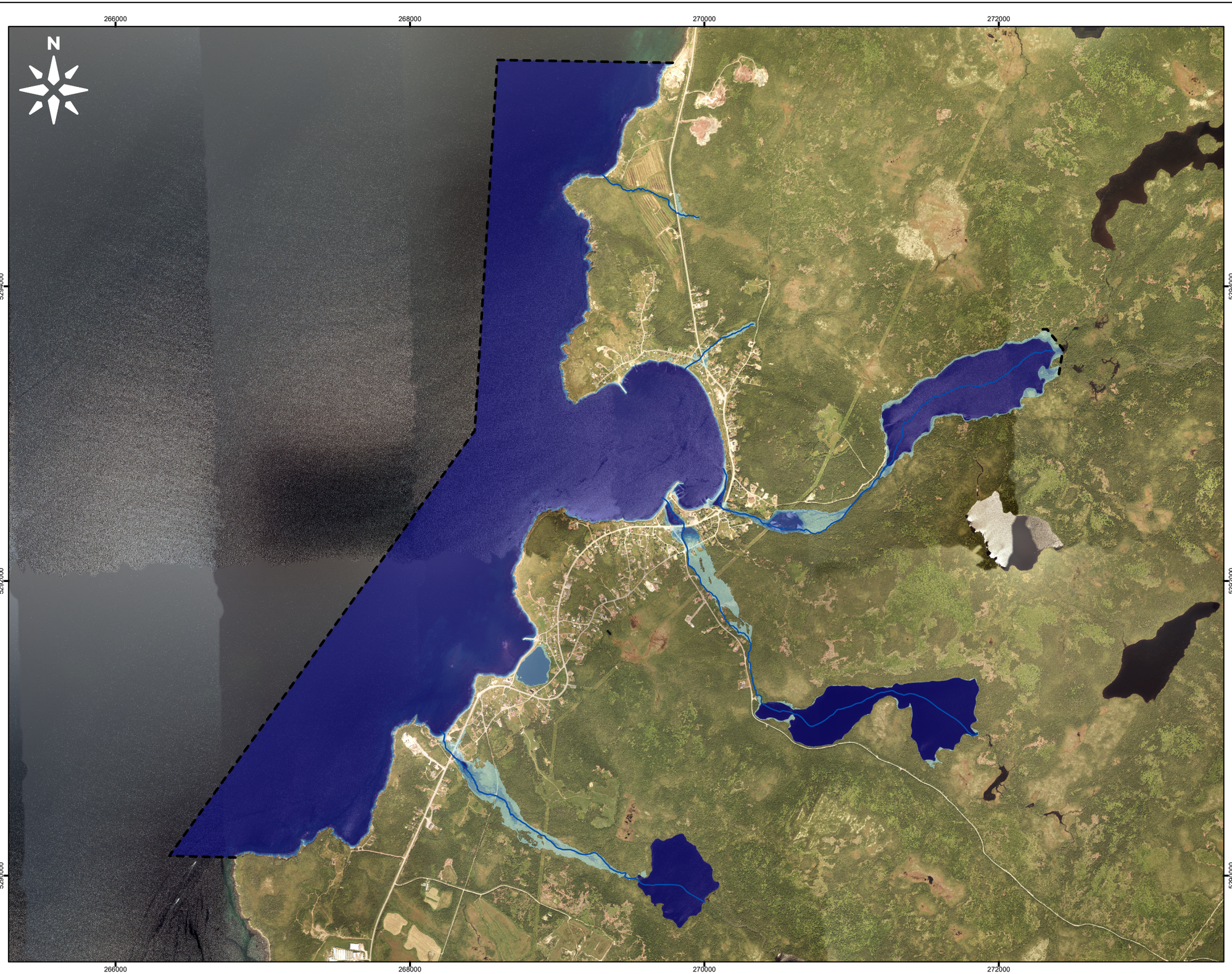
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 5.5	REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.5
11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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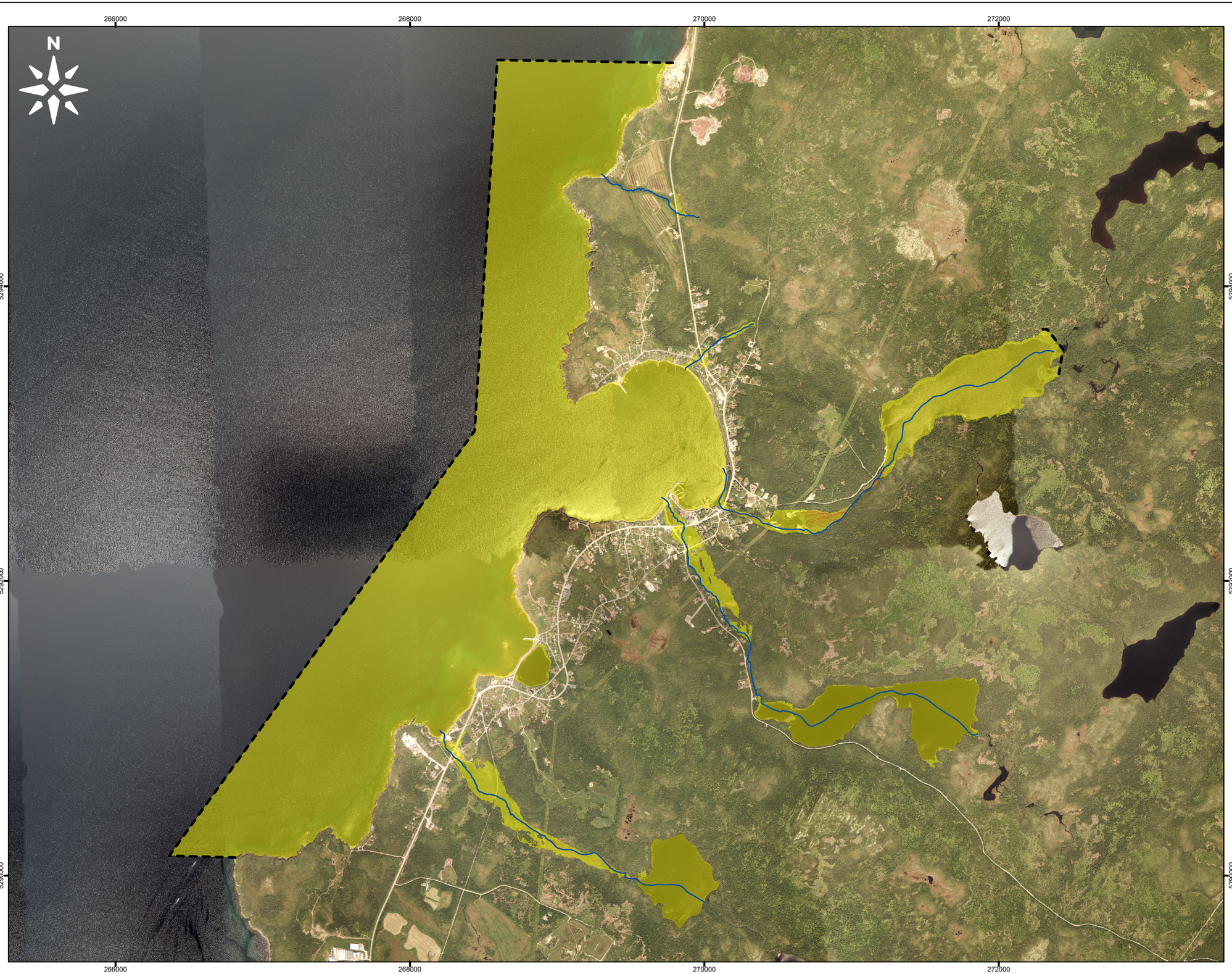
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 5.6	REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.6
11"x17" PLOT SCALE 1:1

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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)

200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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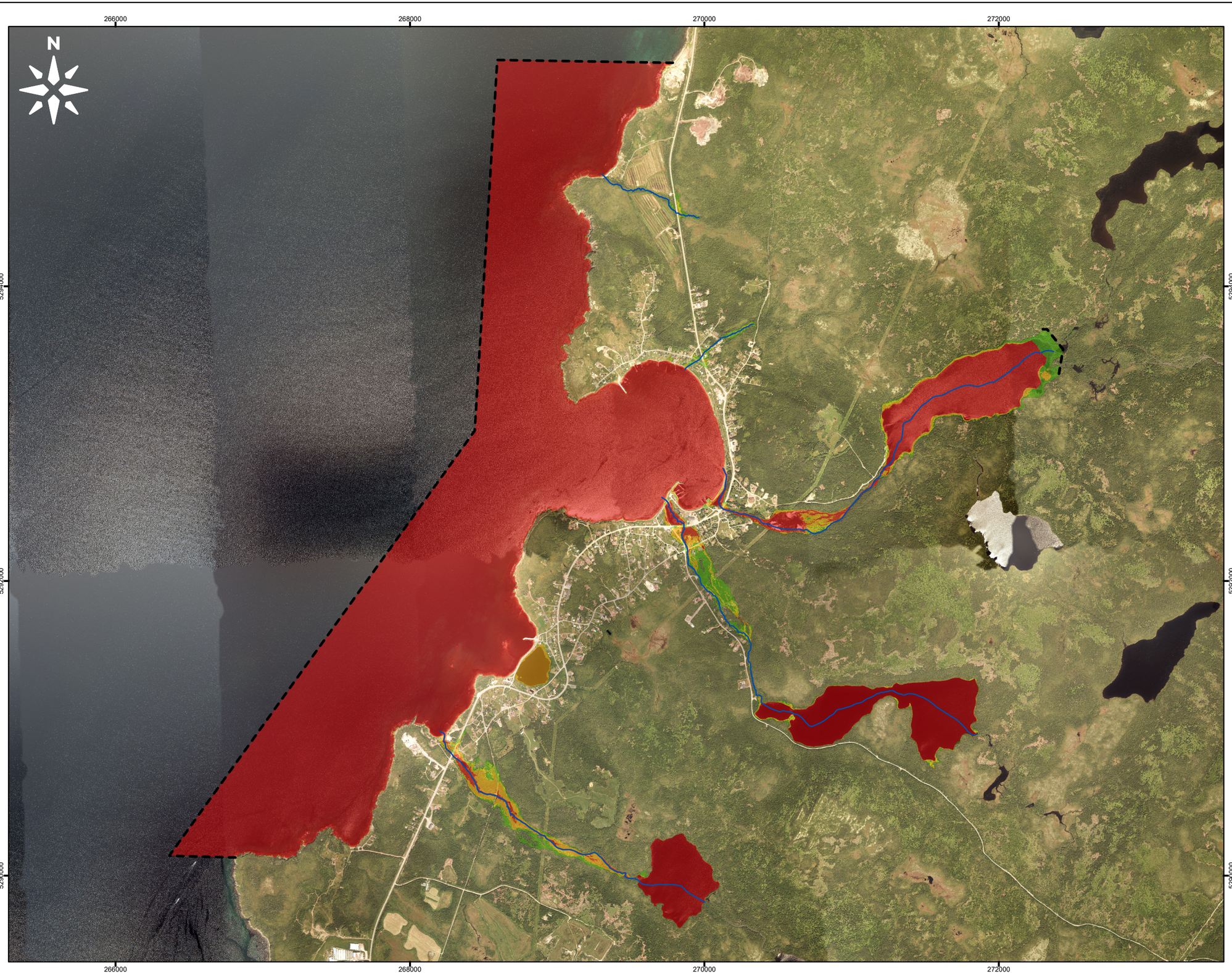
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 5.7 | REV: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.7
11"x17" PLOT SCALE 1:1

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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:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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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 5.8	REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.8
11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 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).

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 6.3 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig6.3
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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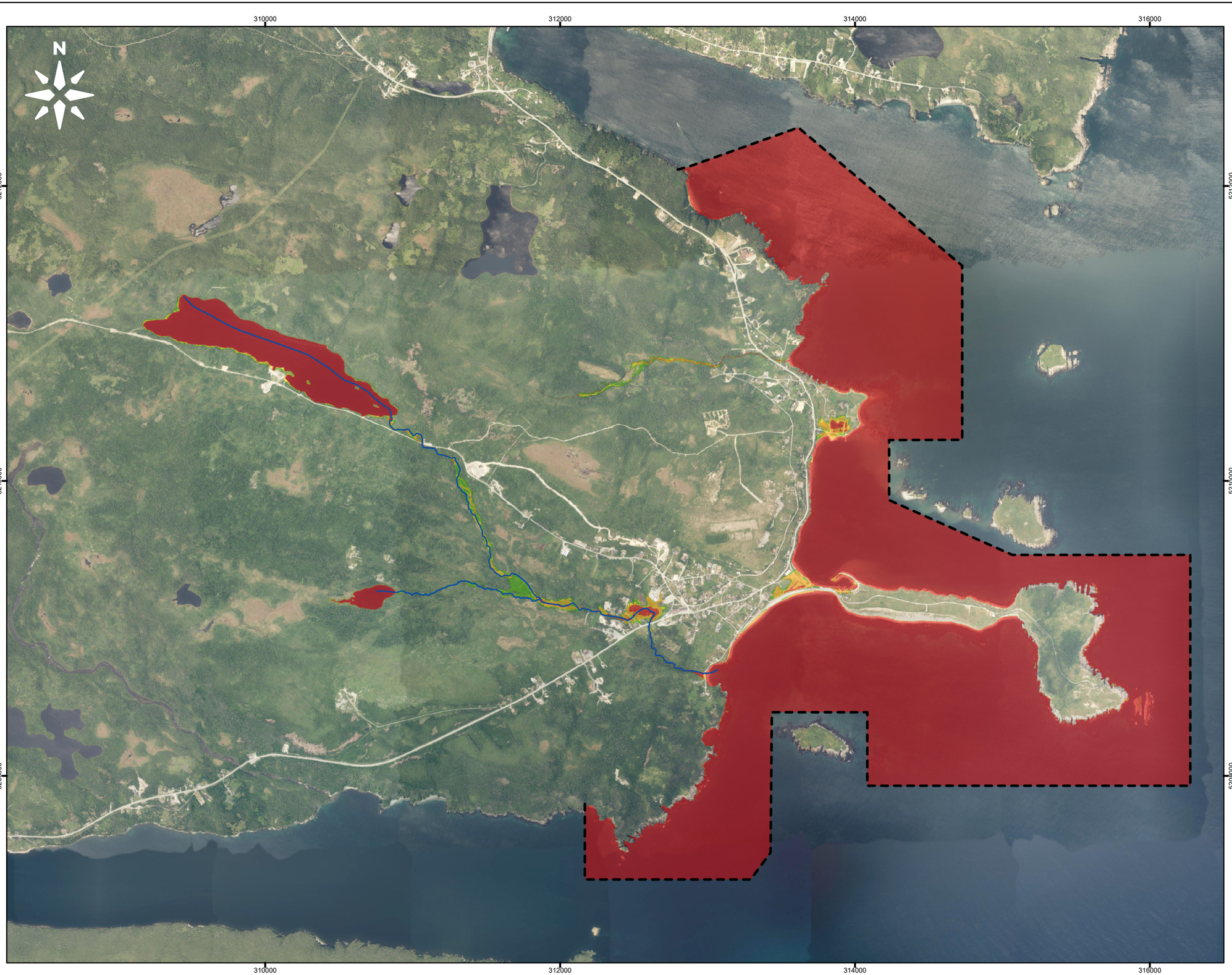
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR VELOCITY DISTRUBUTION

DECEMBER 2025 | FIGURE 6.4 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig6.4
11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 6.5 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig6.5
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 6.6 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping aprx 22-3217-002-Fig6.6
11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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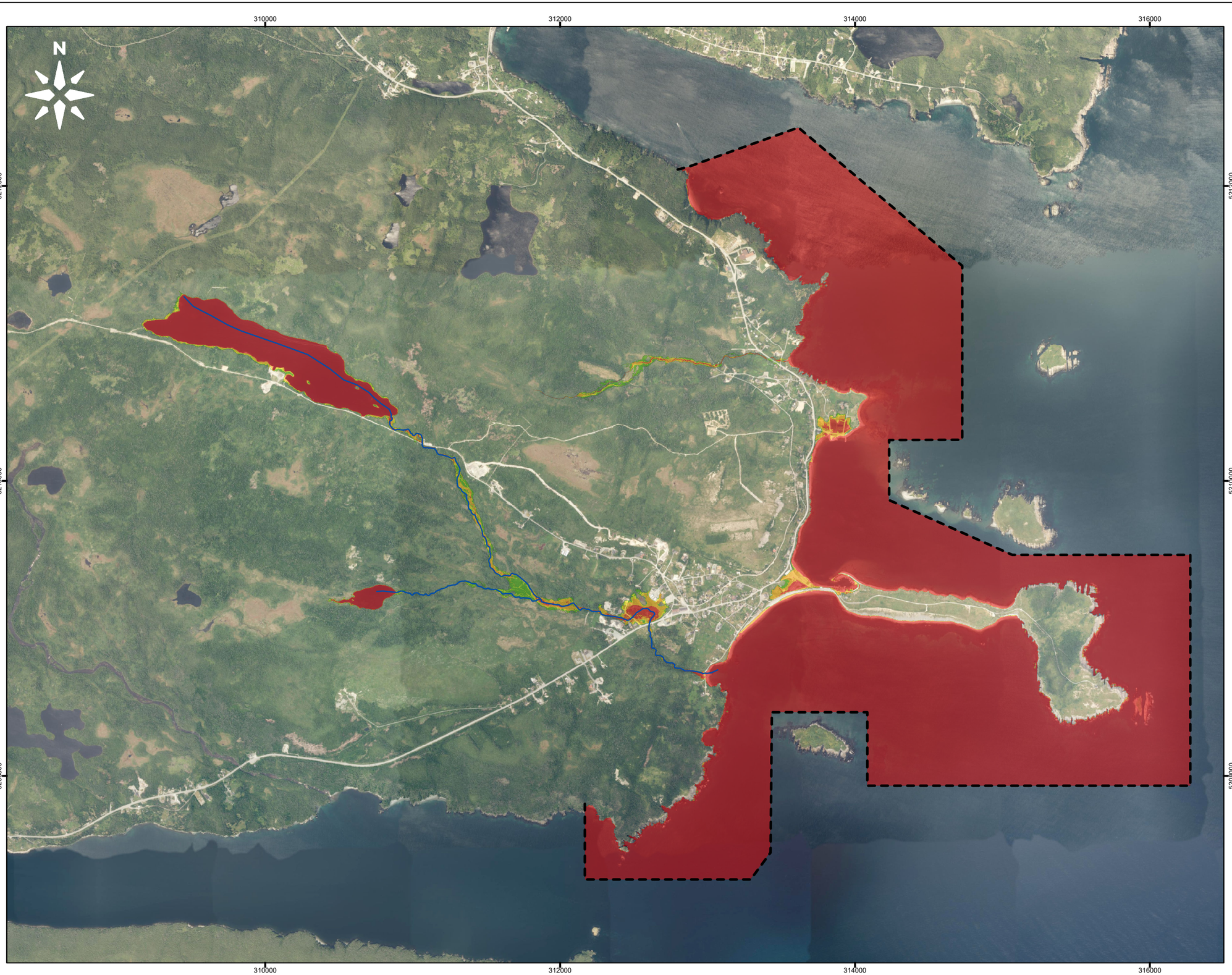
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 6.7 | REV: 0

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11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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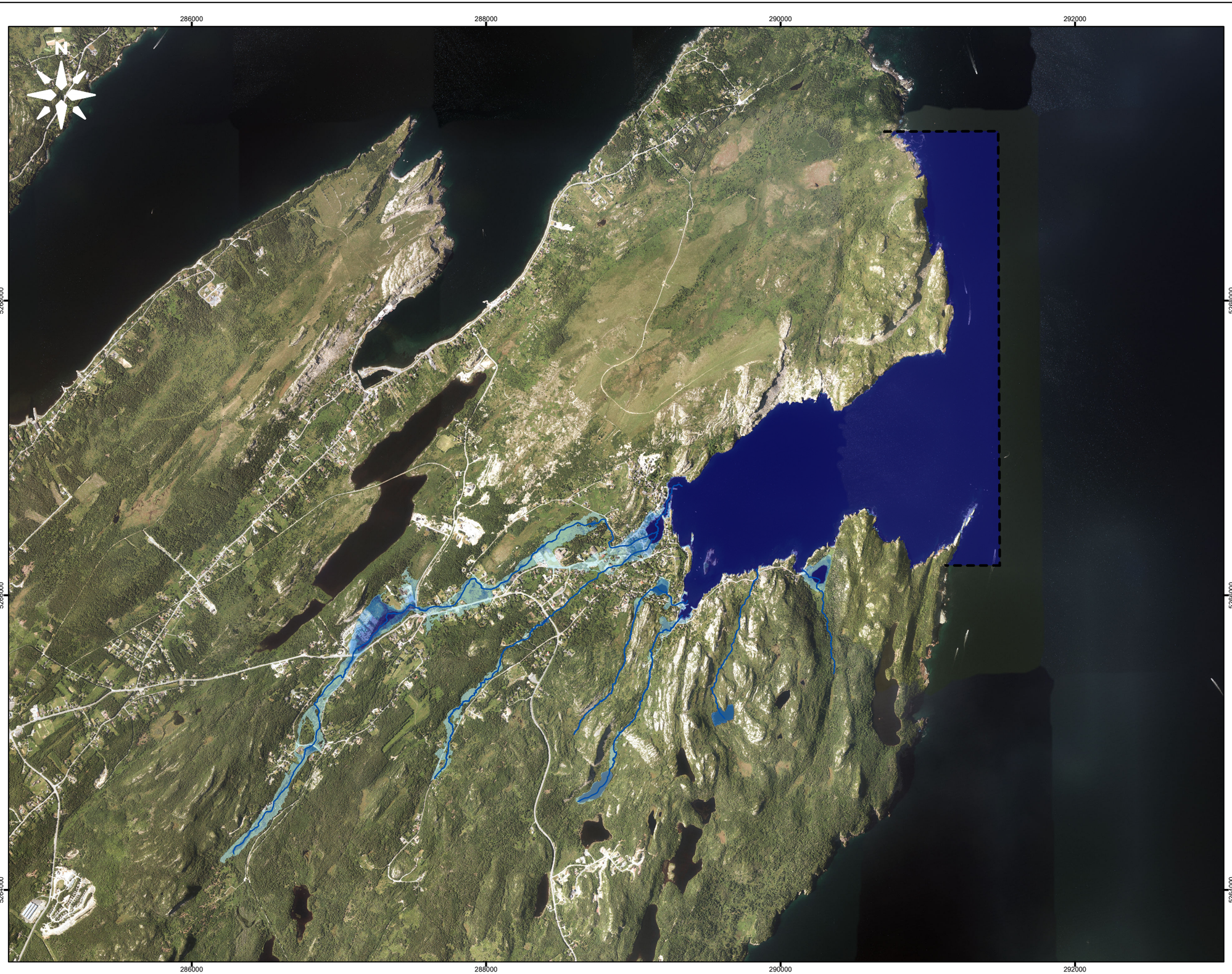
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 6.8 | REV: 0

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11"x17" PLOT SCALE 1:1

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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
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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 METRIC 11"x17"

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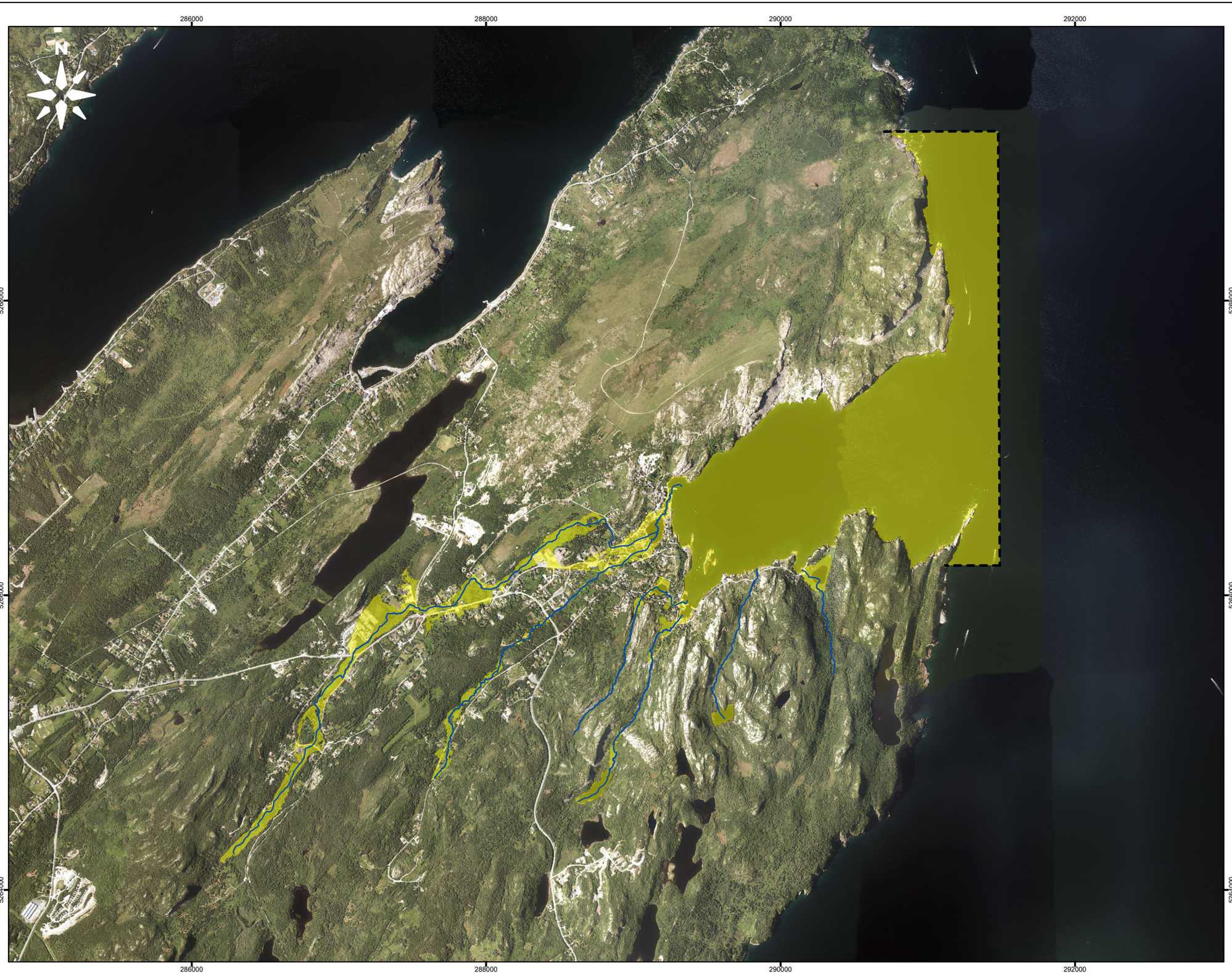
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 7.3 | REV: 0

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.3
11"x17" PLOT SCALE 1:1

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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
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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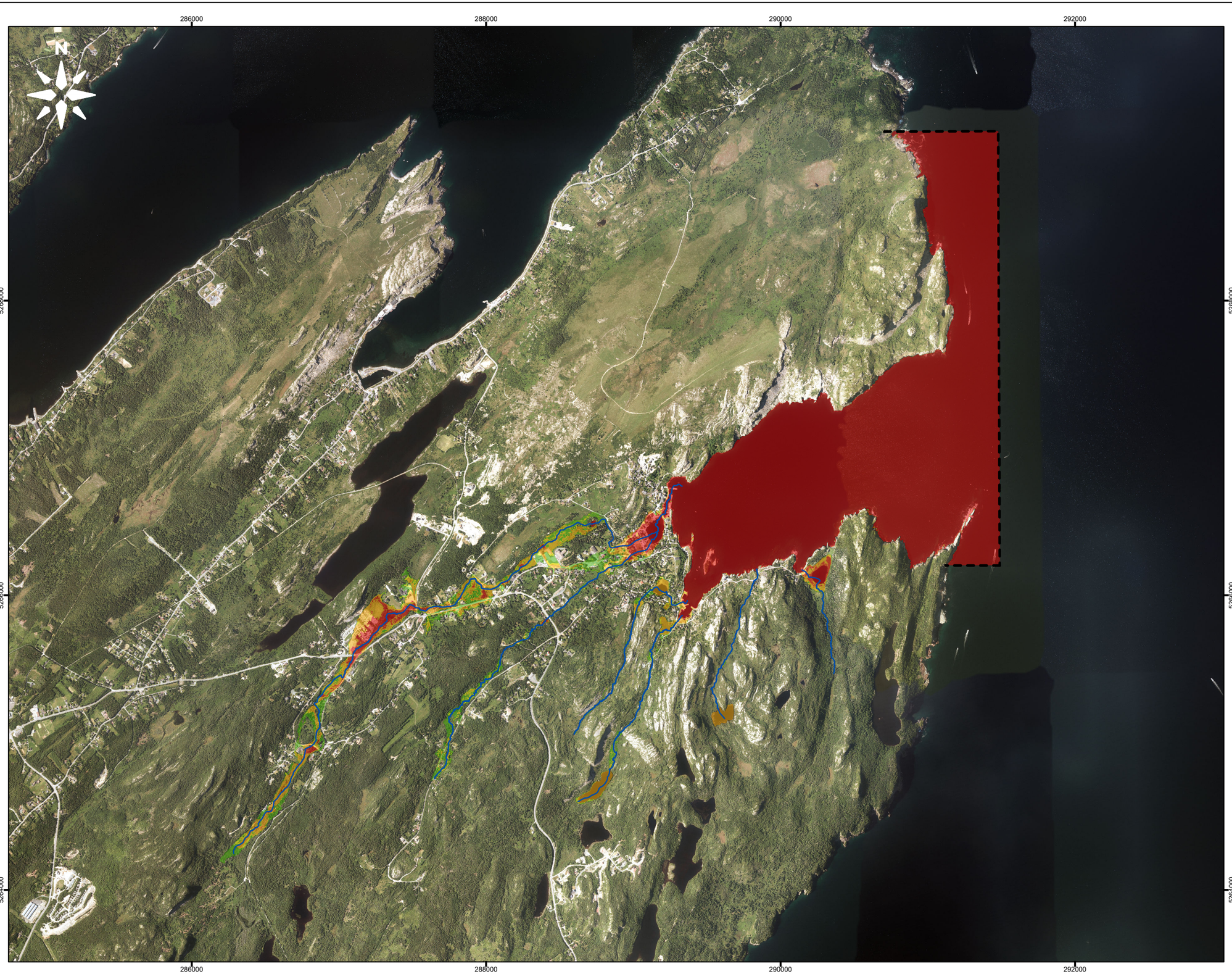
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 7.4 | REV: 0

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11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB

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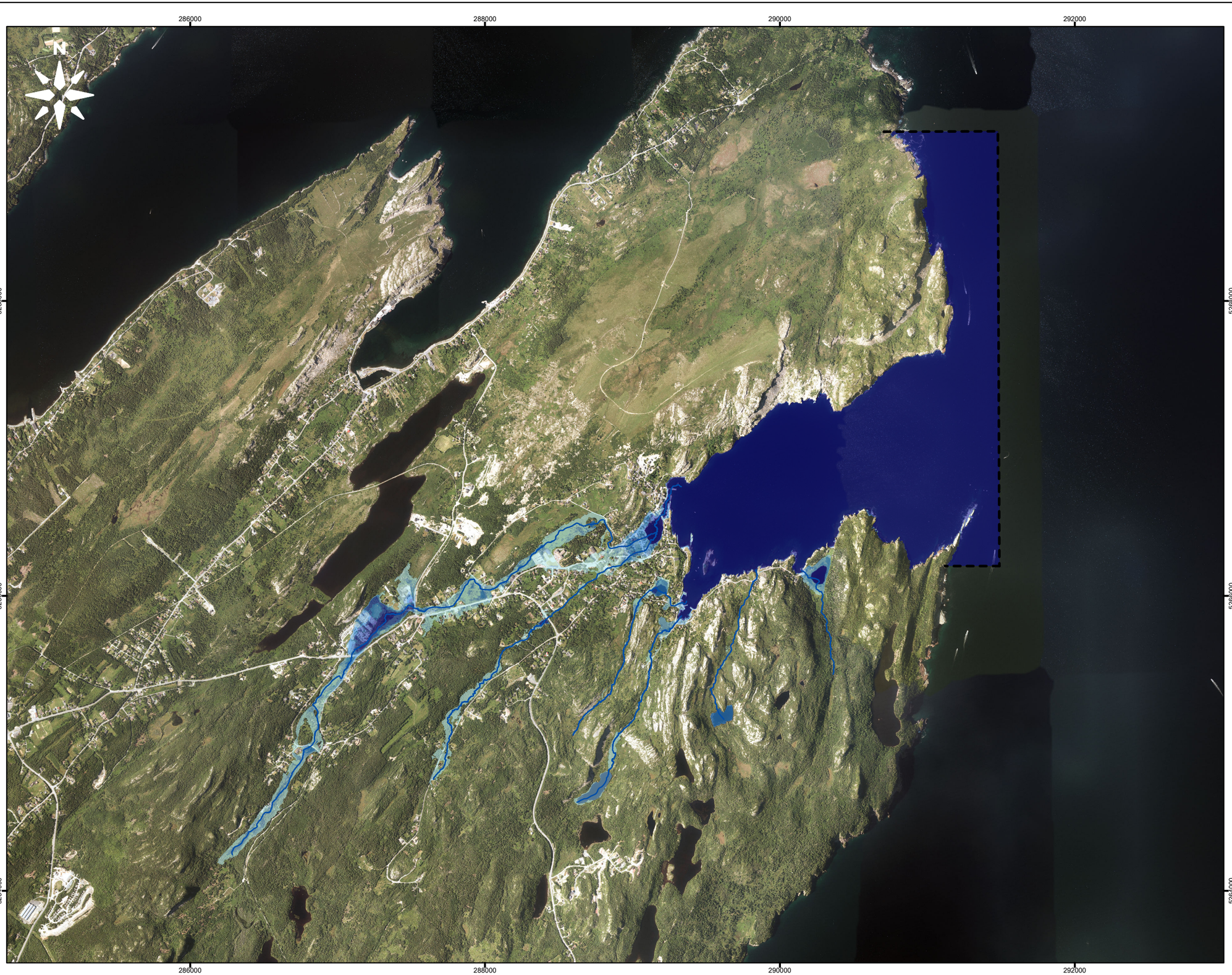
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 7.5 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.5
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 METRIC 11"x17"

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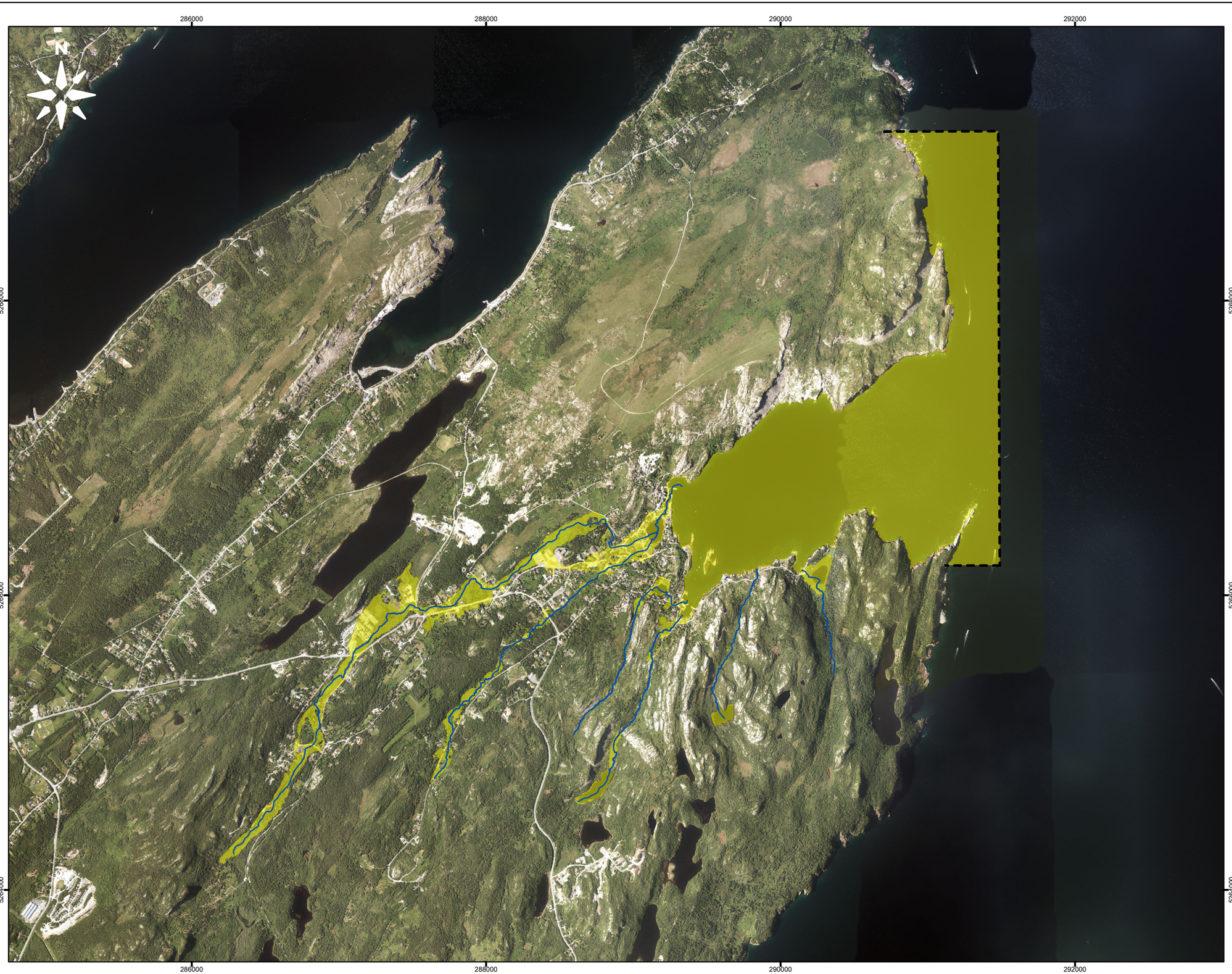
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 7.6 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.6
11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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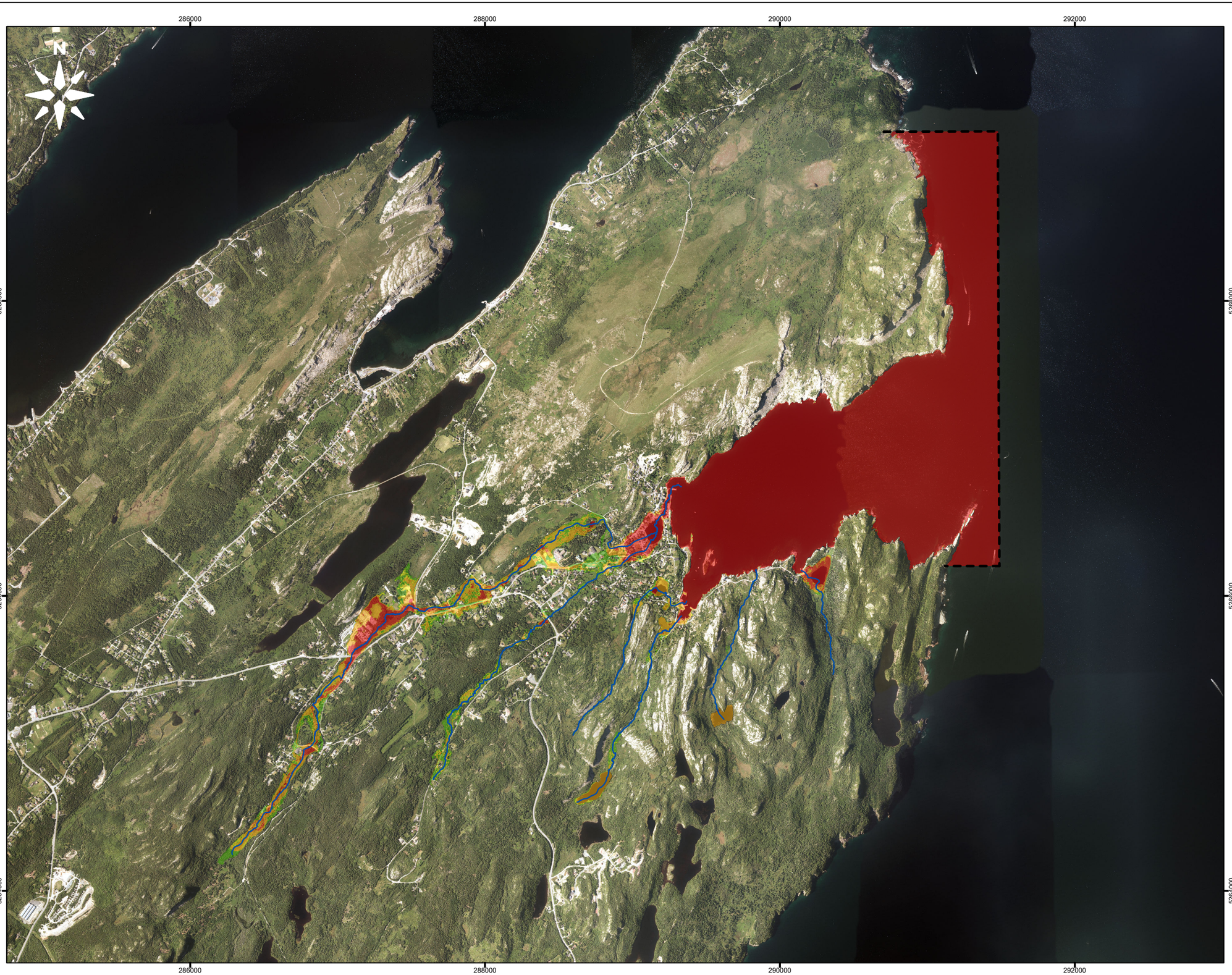
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 7.7	REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig7.7
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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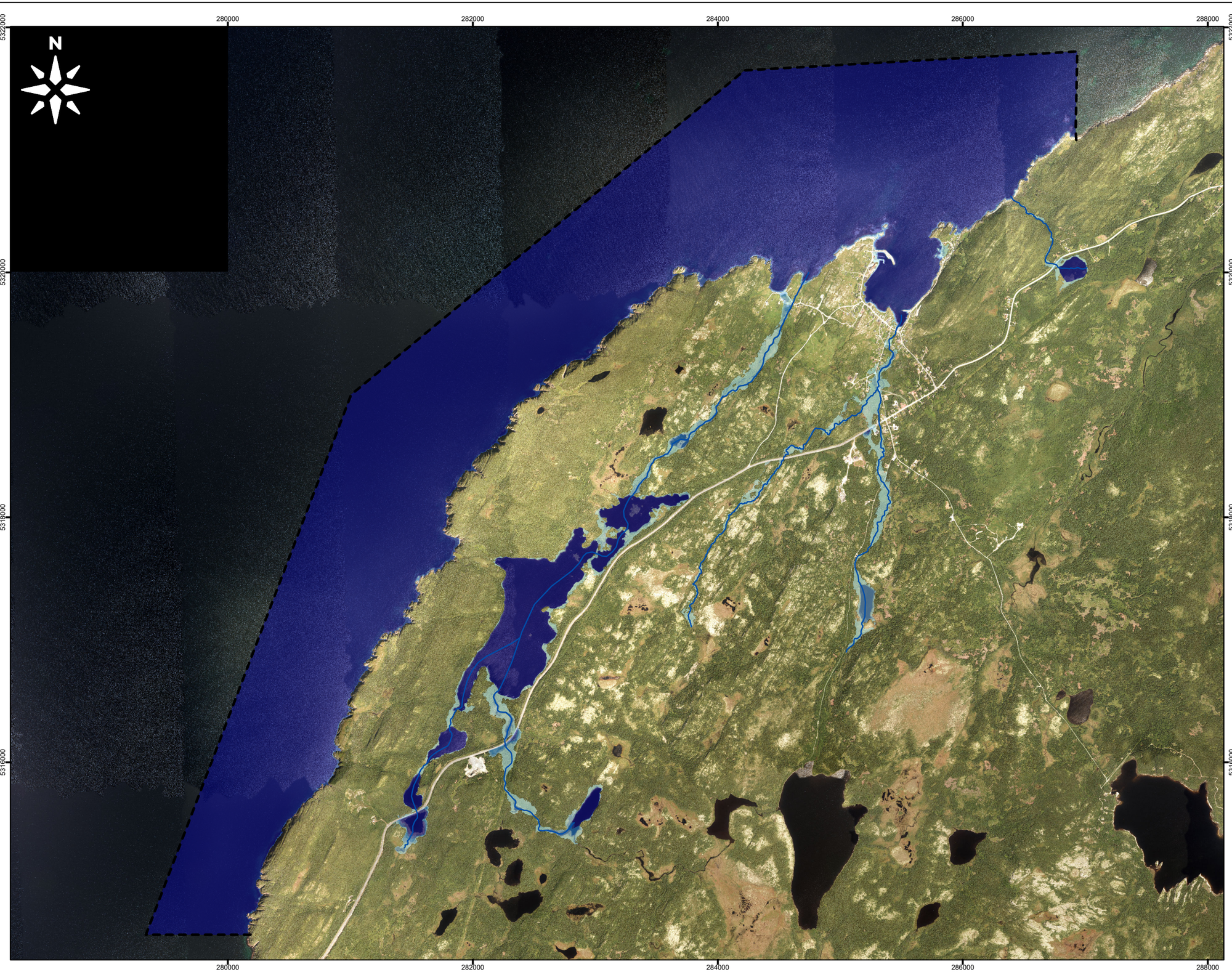
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 7.8 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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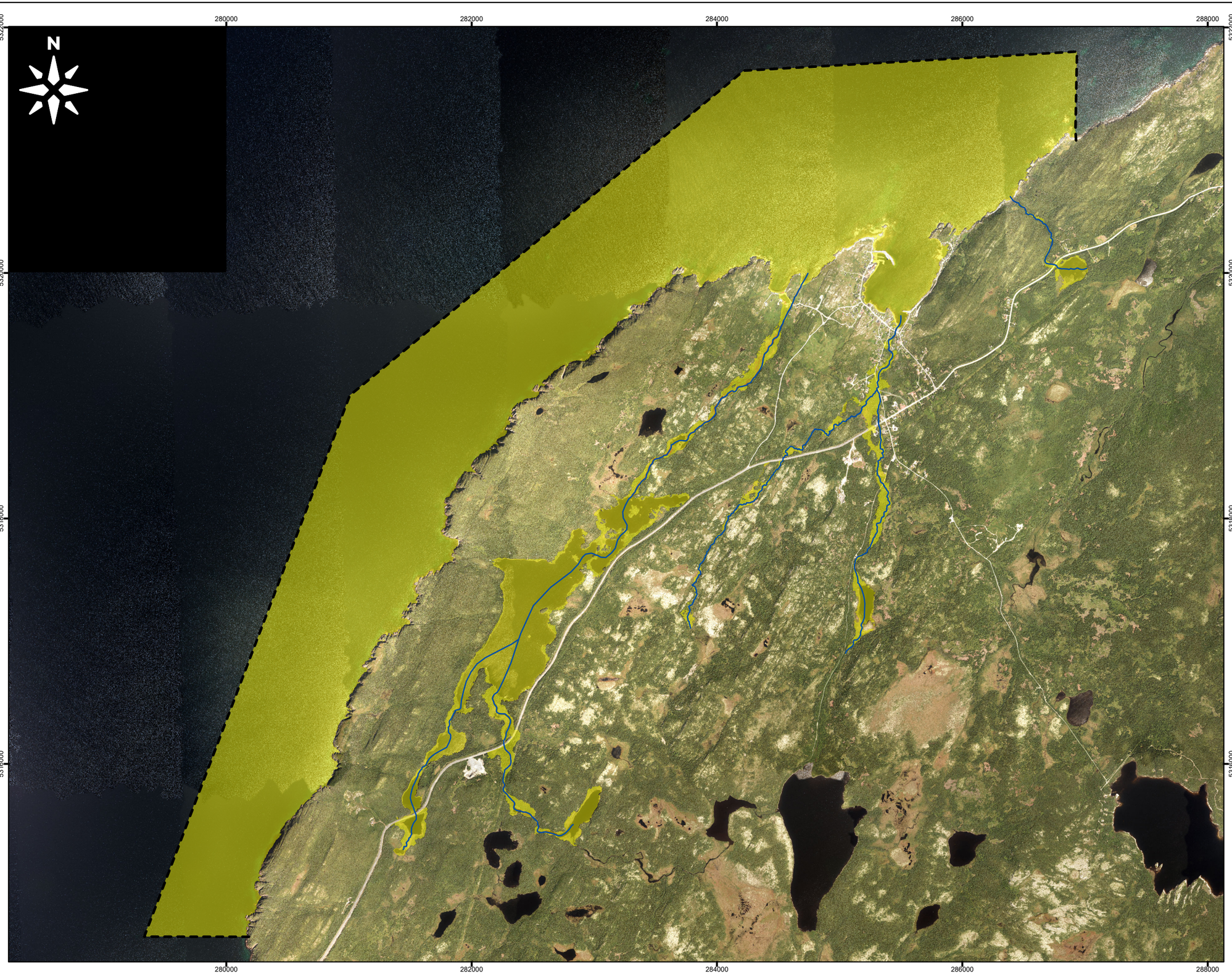
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
1:20 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 8.3	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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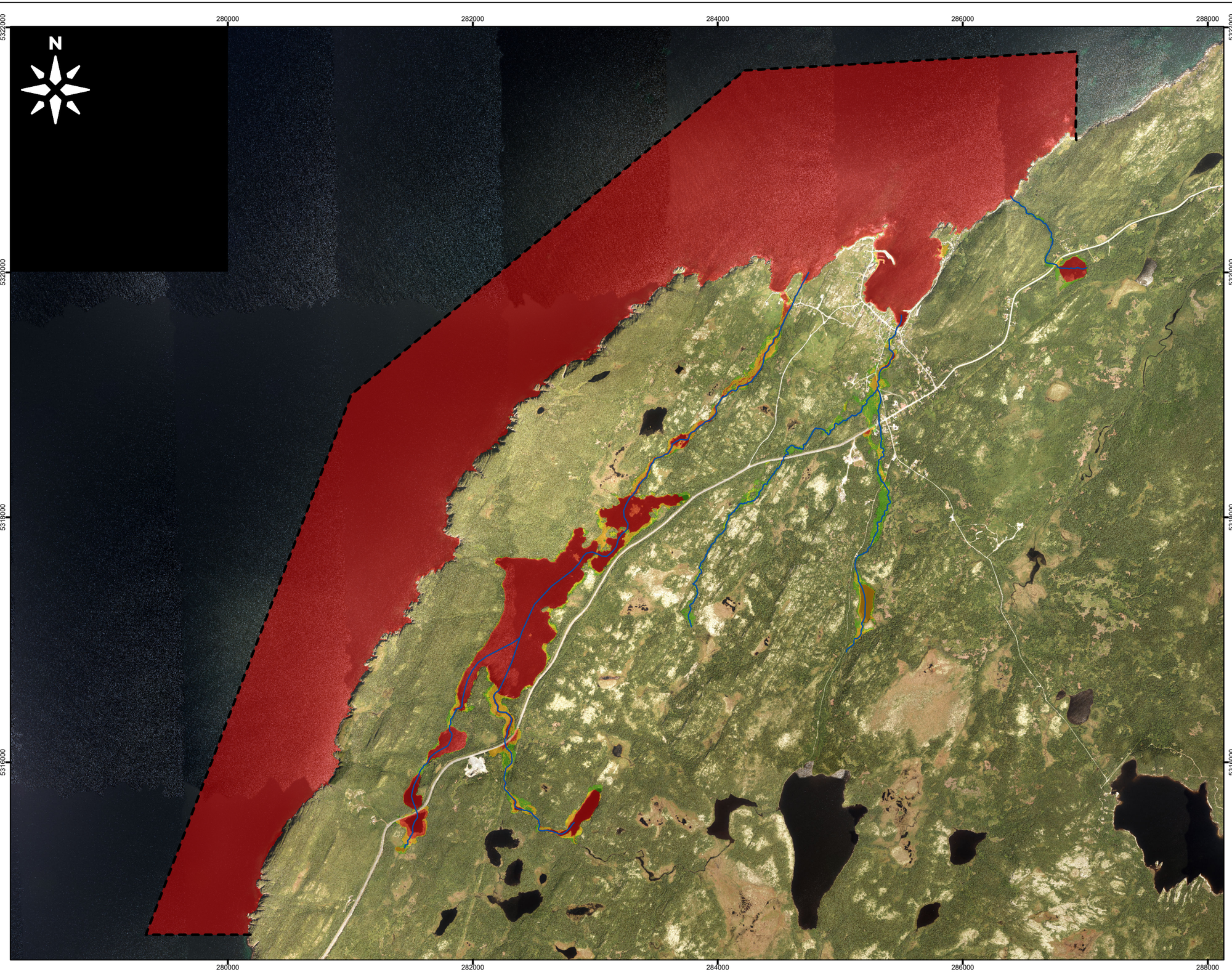
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 8.4 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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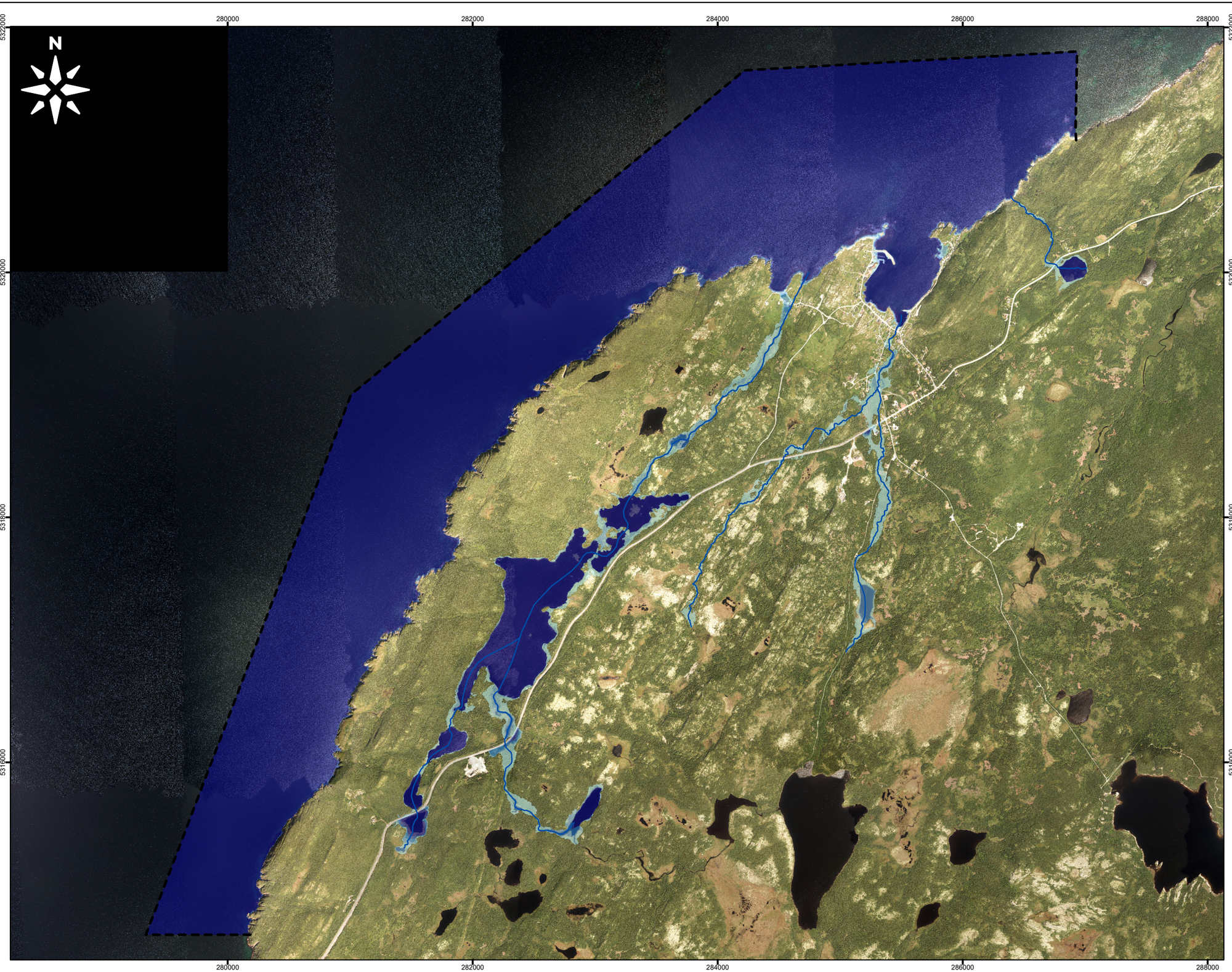
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 8.5 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 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
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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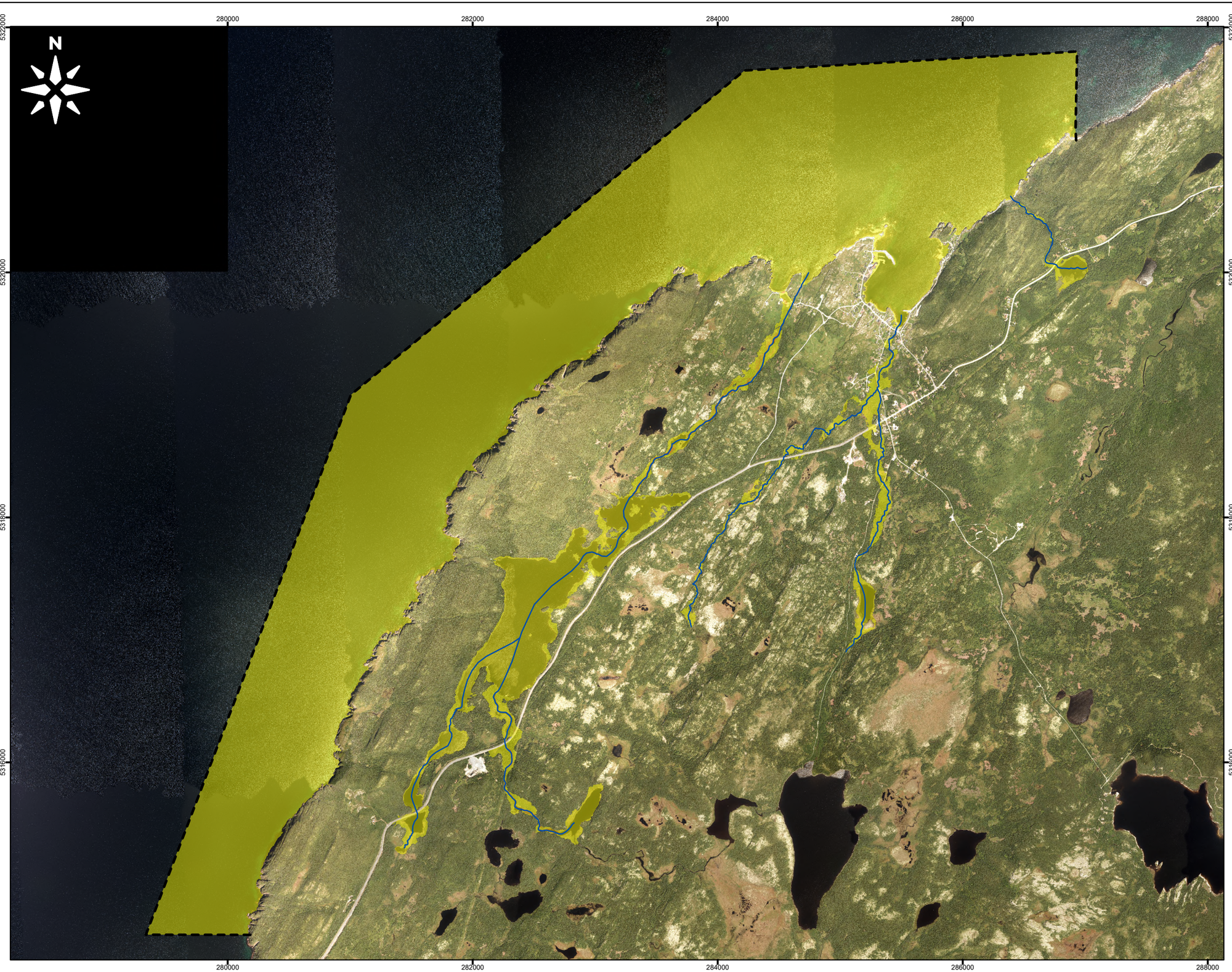
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 8.6 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 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
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 8.7	REV: A

FileName: \\wpg-fileip-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.7
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Municipal Boundary
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 8.8 | REV: A

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig8.8
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
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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).

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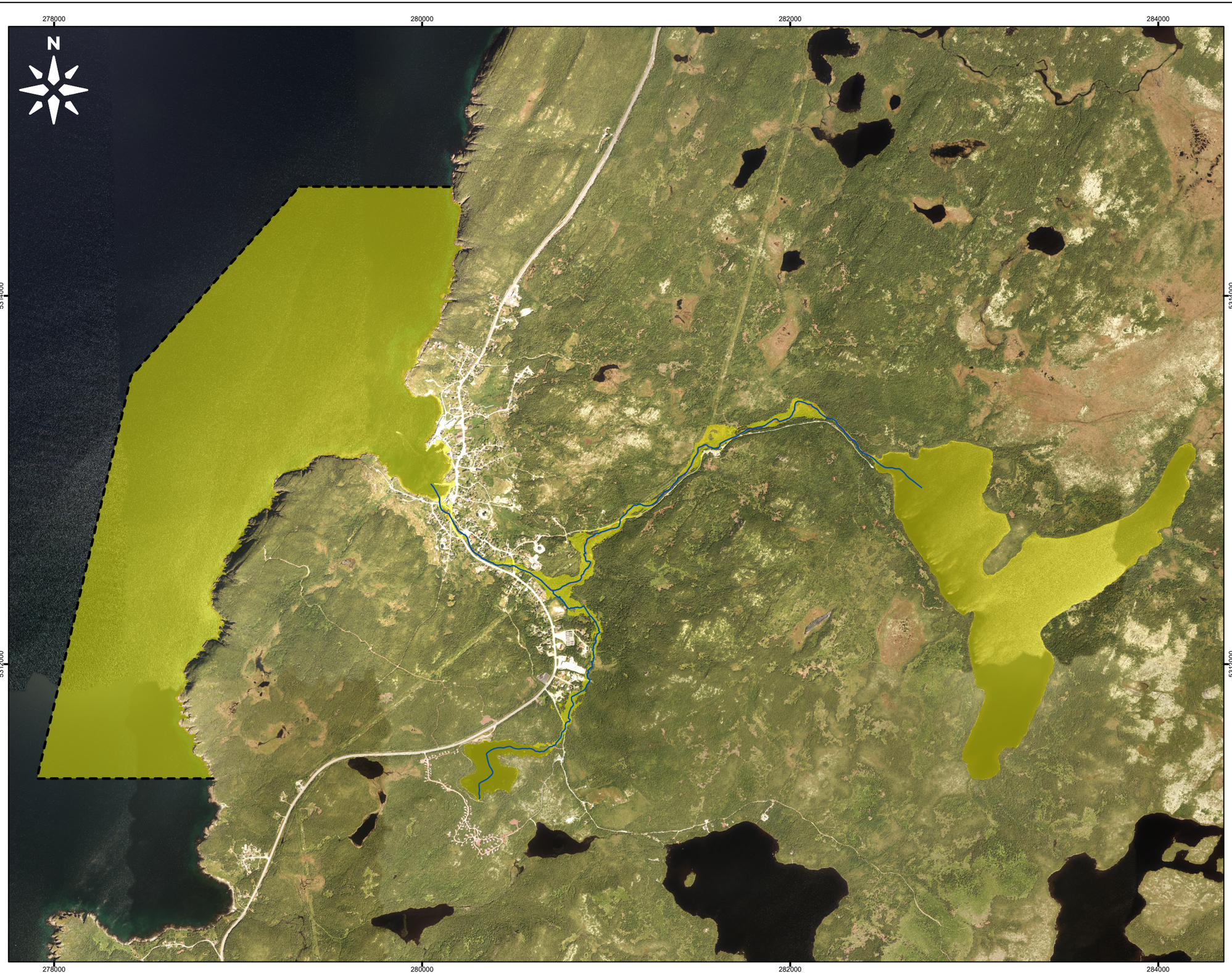
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR AEP INUNDATION DEPTH

DECEMBER 2025 | FIGURE 9.3 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig9.3
11"x17" PLOT SCALE 1:1

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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:
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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).

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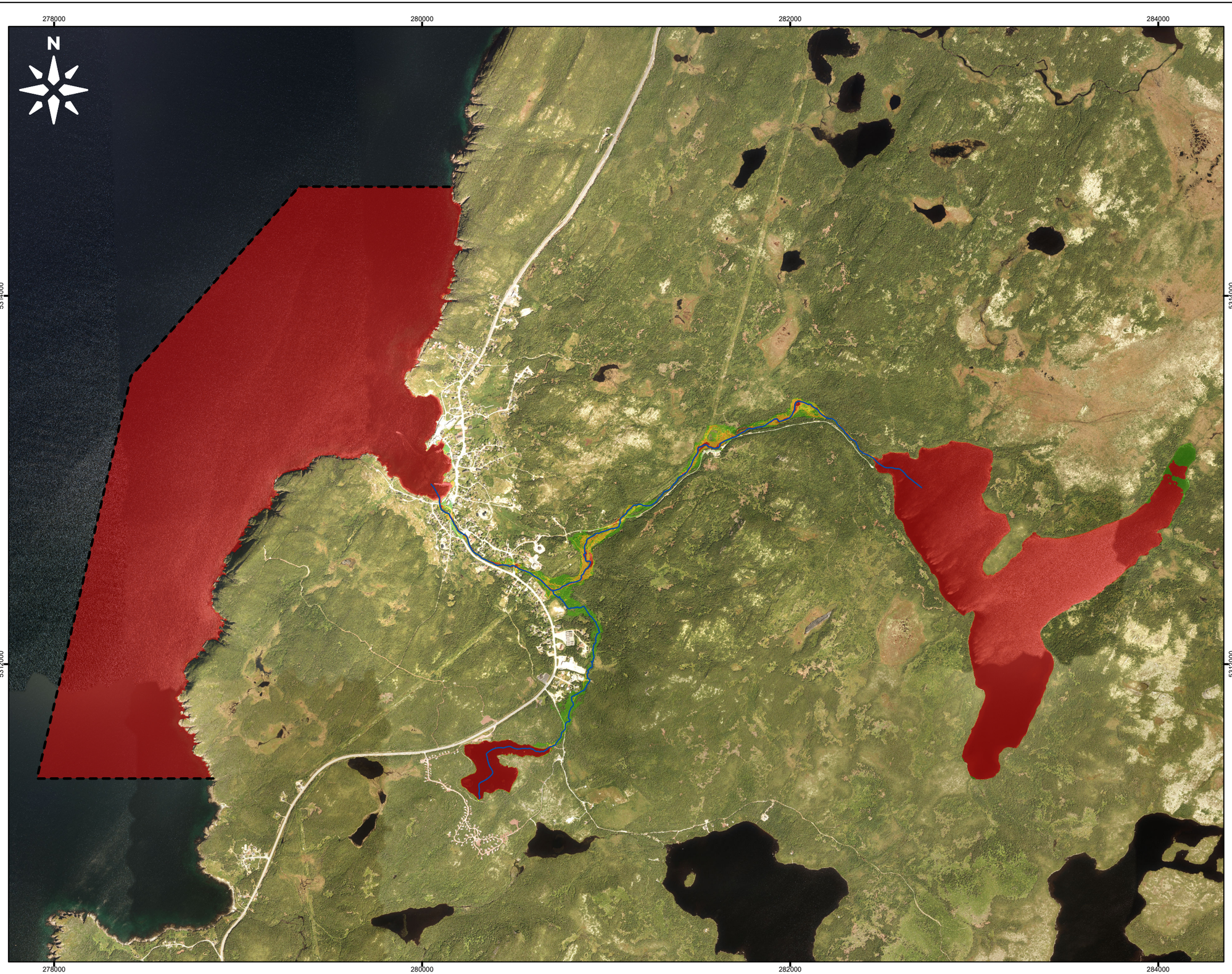
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 9.4	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig9.4
11"x17" PLOT SCALE 1:1

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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:

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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).

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 9.5 | REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig9.5
11"x17" PLOT SCALE 1:1

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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:
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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).

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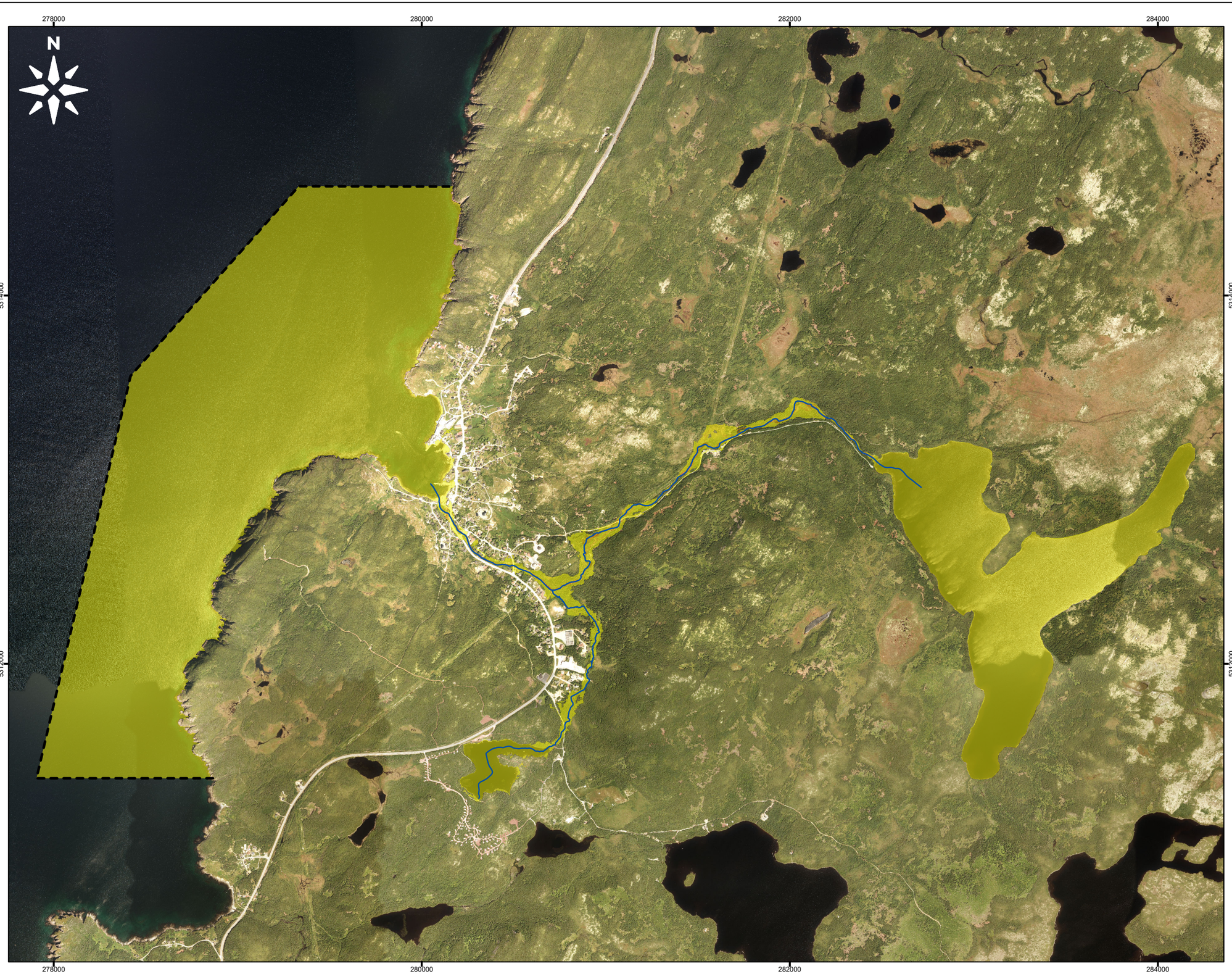
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 9.6	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping aprx 22-3217-002-Fig9.6
11"x17" PLOT SCALE 1:1

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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:
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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).

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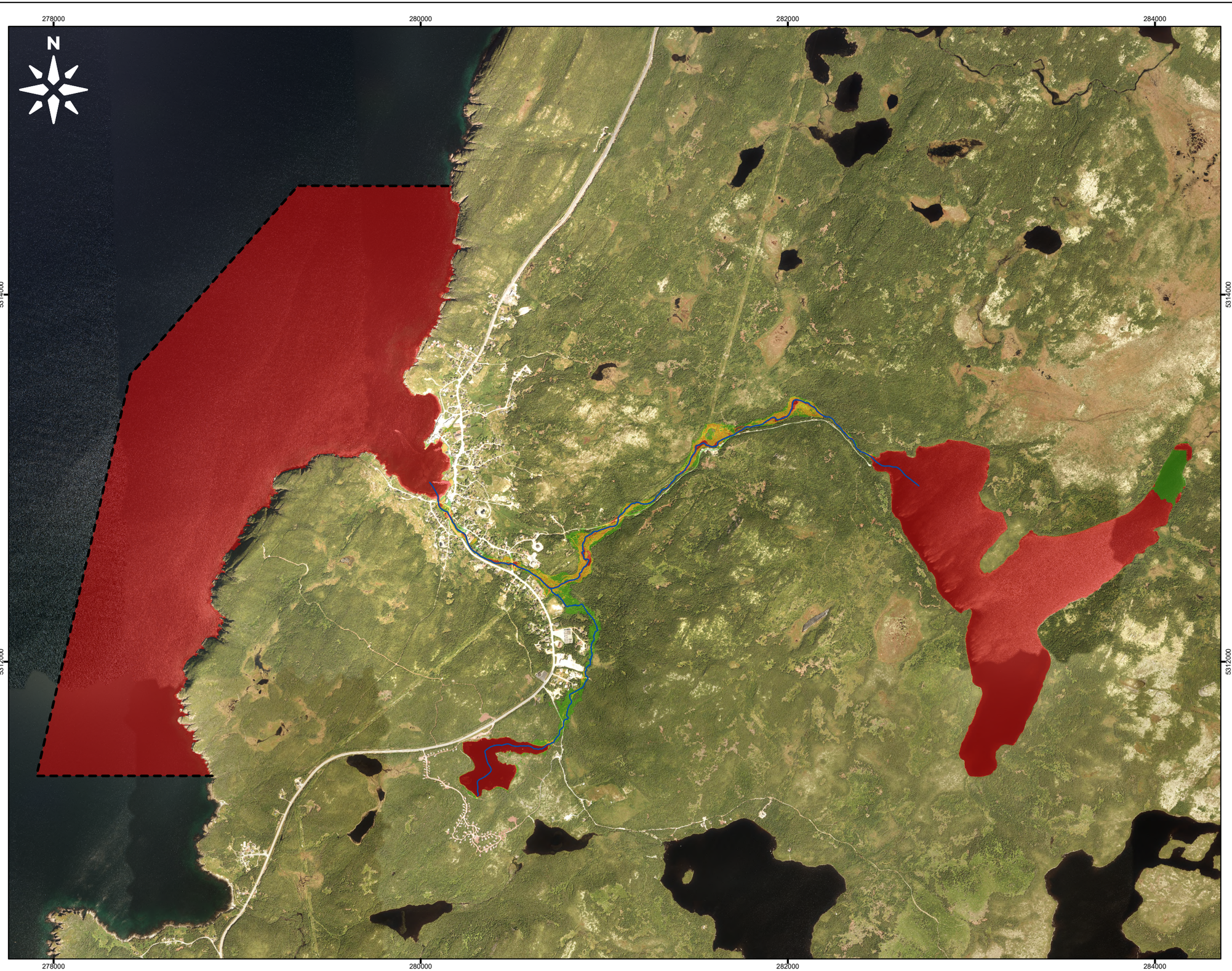
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 9.7	REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping aprx 22-3217-002-Fig9.7
11"x17" PLOT SCALE 1:1

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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:

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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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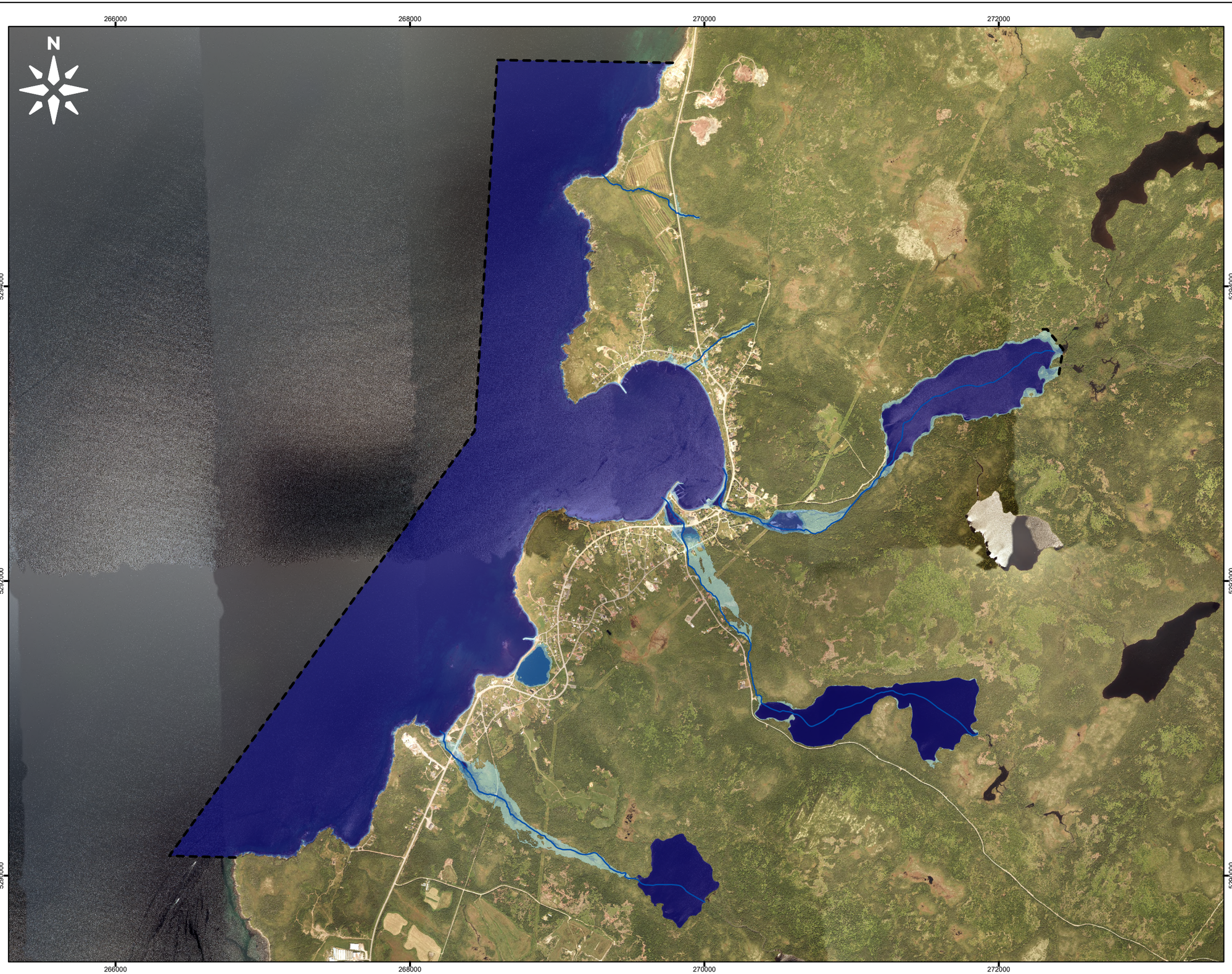
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025	FIGURE 9.8	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Winterton Inundation Mapping\Winterton Inundation Mapping.aprx 22-3217-002-Fig9.8
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR INUNDATION DEPTH

DECEMBER 2025	FIGURE 10.3	REV: 0

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11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 METRIC 11"x17"

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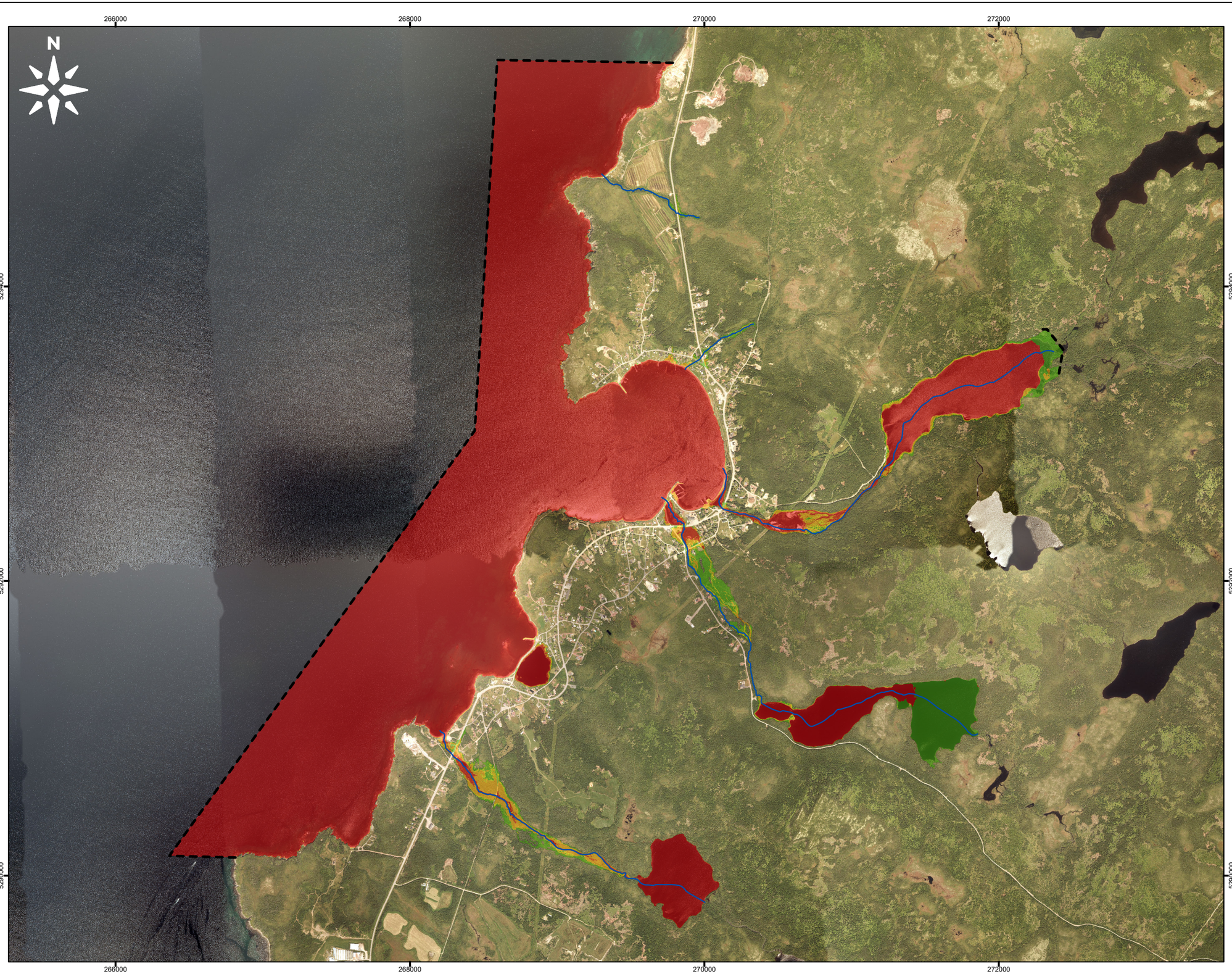
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025	FIGURE 10.4	REV.: 0

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11"x17" PLOT SCALE 1:1

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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:

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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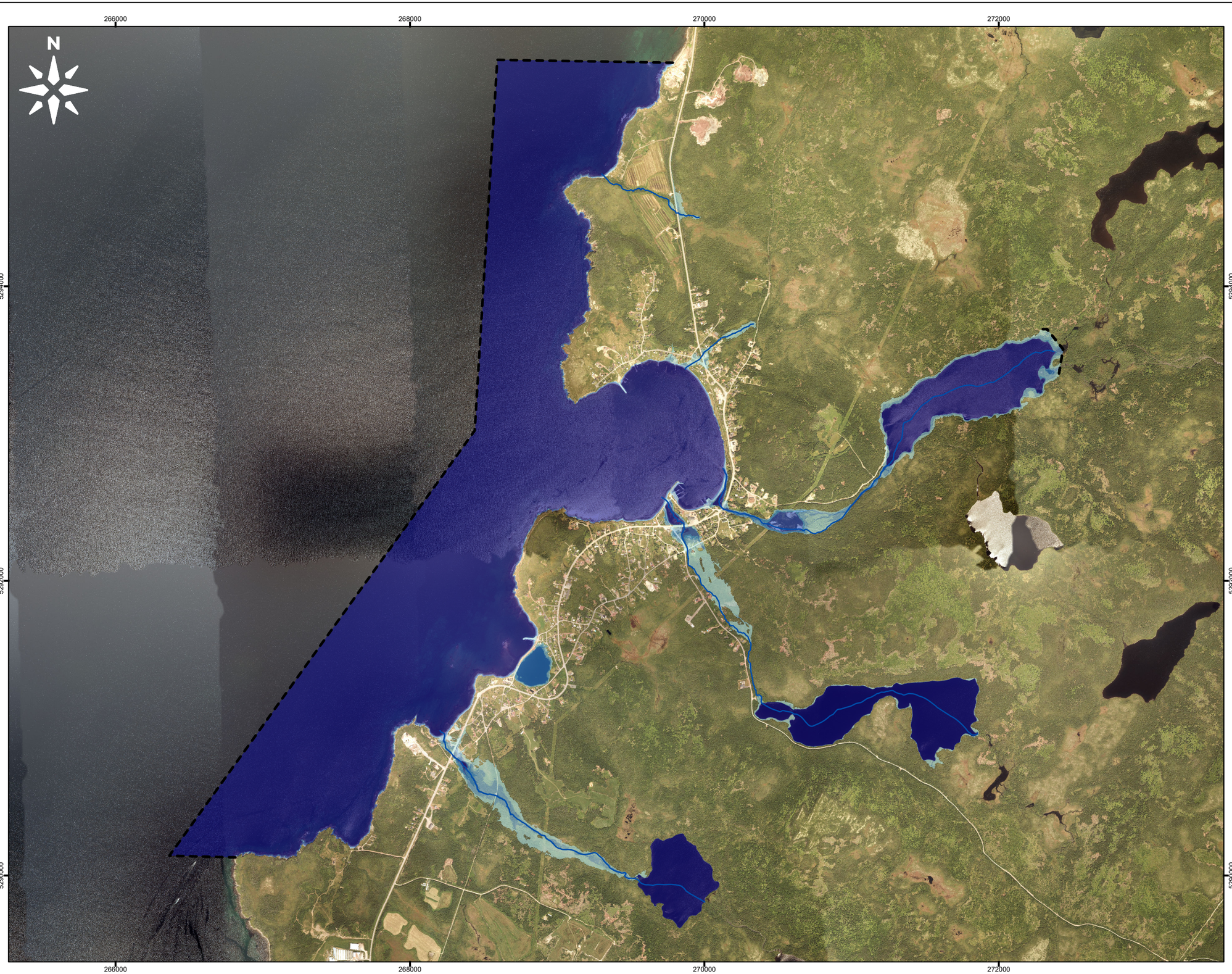
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR FLOOD RISK

NOVEMBER 2025	FIGURE 10.5	REV: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.5
11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR INUNDATION DEPTH

DECEMBER 2025 | FIGURE 10.6 | REV: 0

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11"x17" PLOT SCALE 1:1

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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

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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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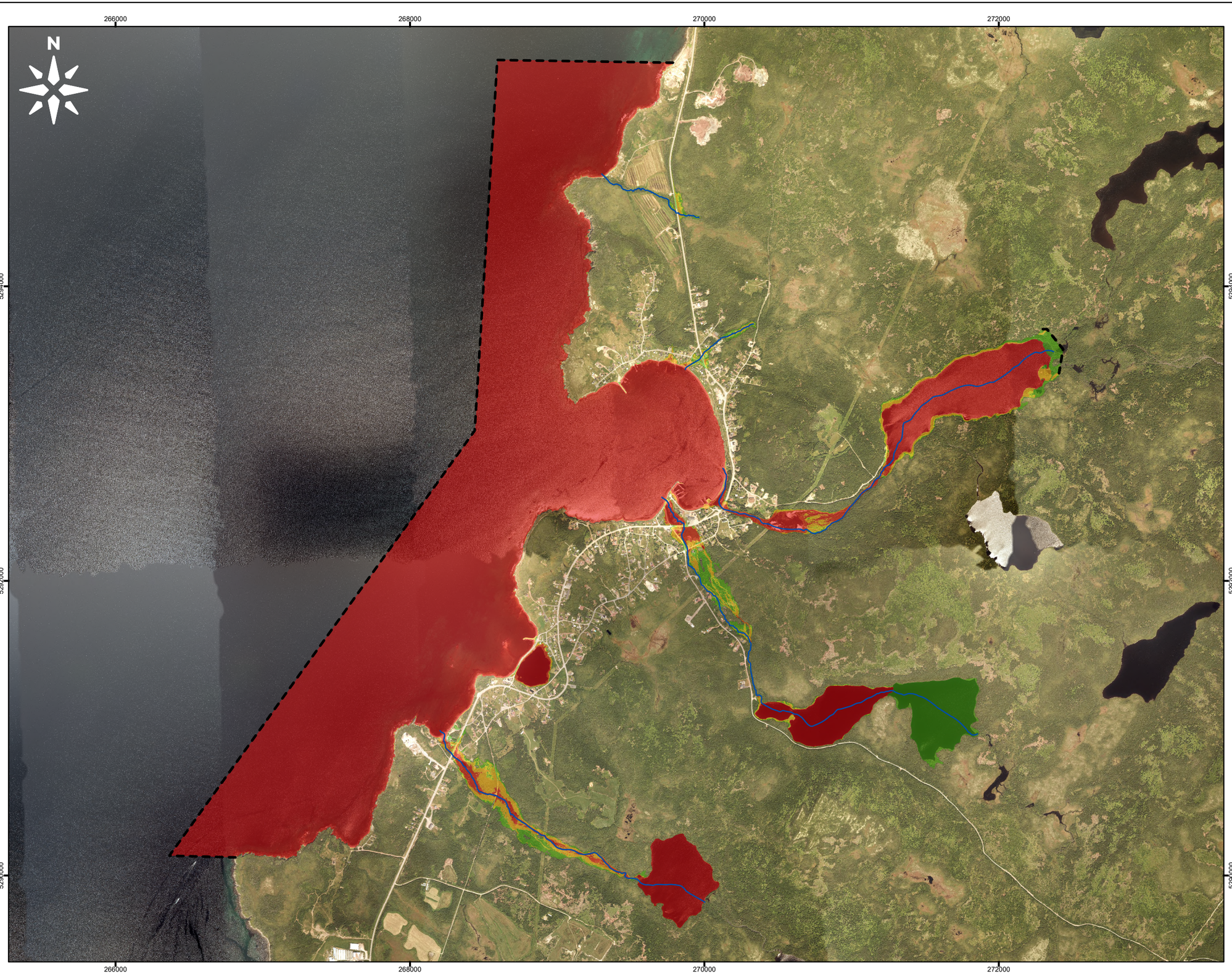
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR VELOCITY DISTRIBUTION

DECEMBER 2025 | FIGURE 10.7 | REV: 0

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11"x17" PLOT SCALE 1:1

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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)
2. The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).

200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 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).

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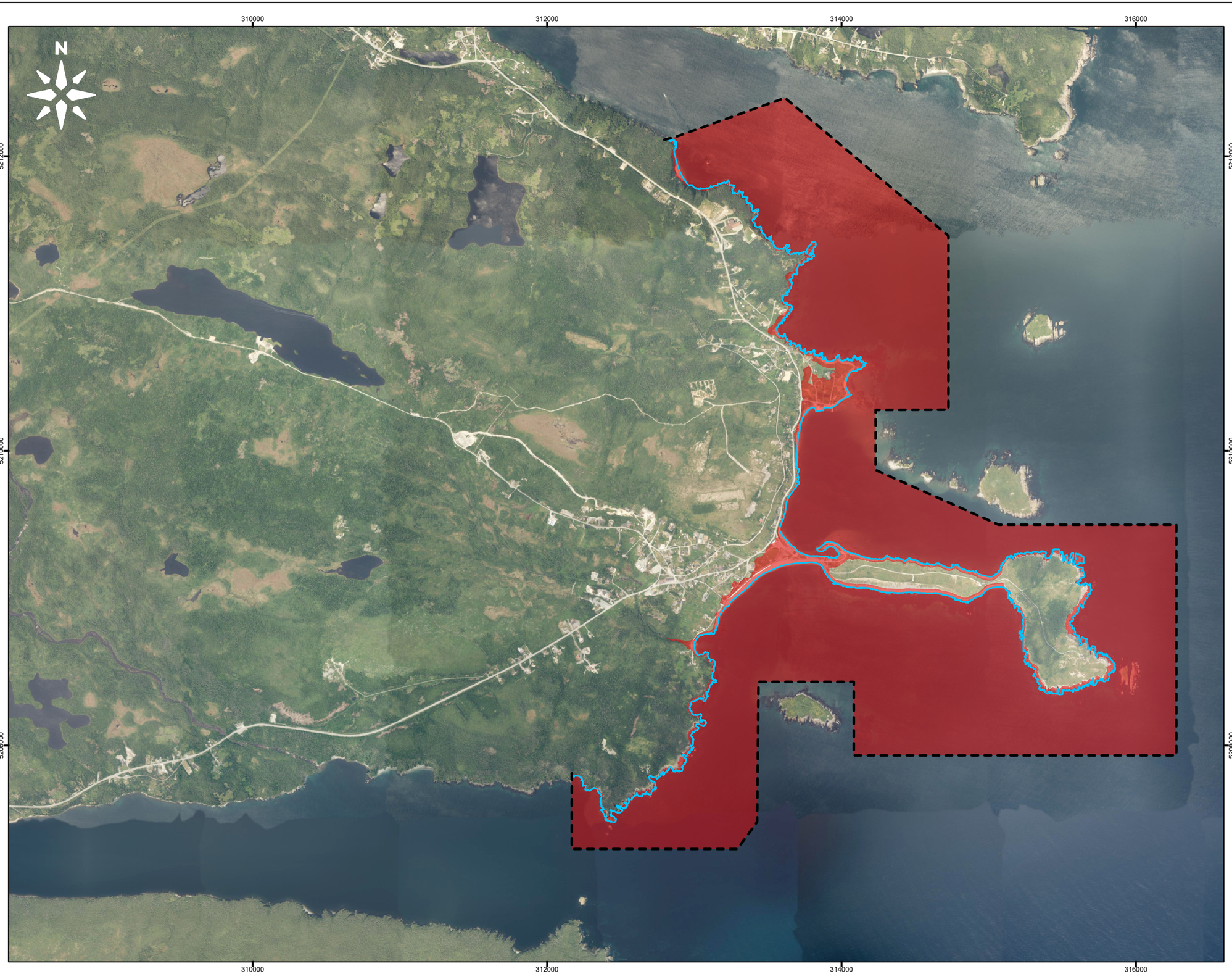
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR FLOOD RISK

DECEMBER 2025 | FIGURE 10.8 | REV.: 0

FileName: \\wpg-file\p-data\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig10.8
11"x17" PLOT SCALE 1:1

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LEGEND:

- Coastline
- 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)

200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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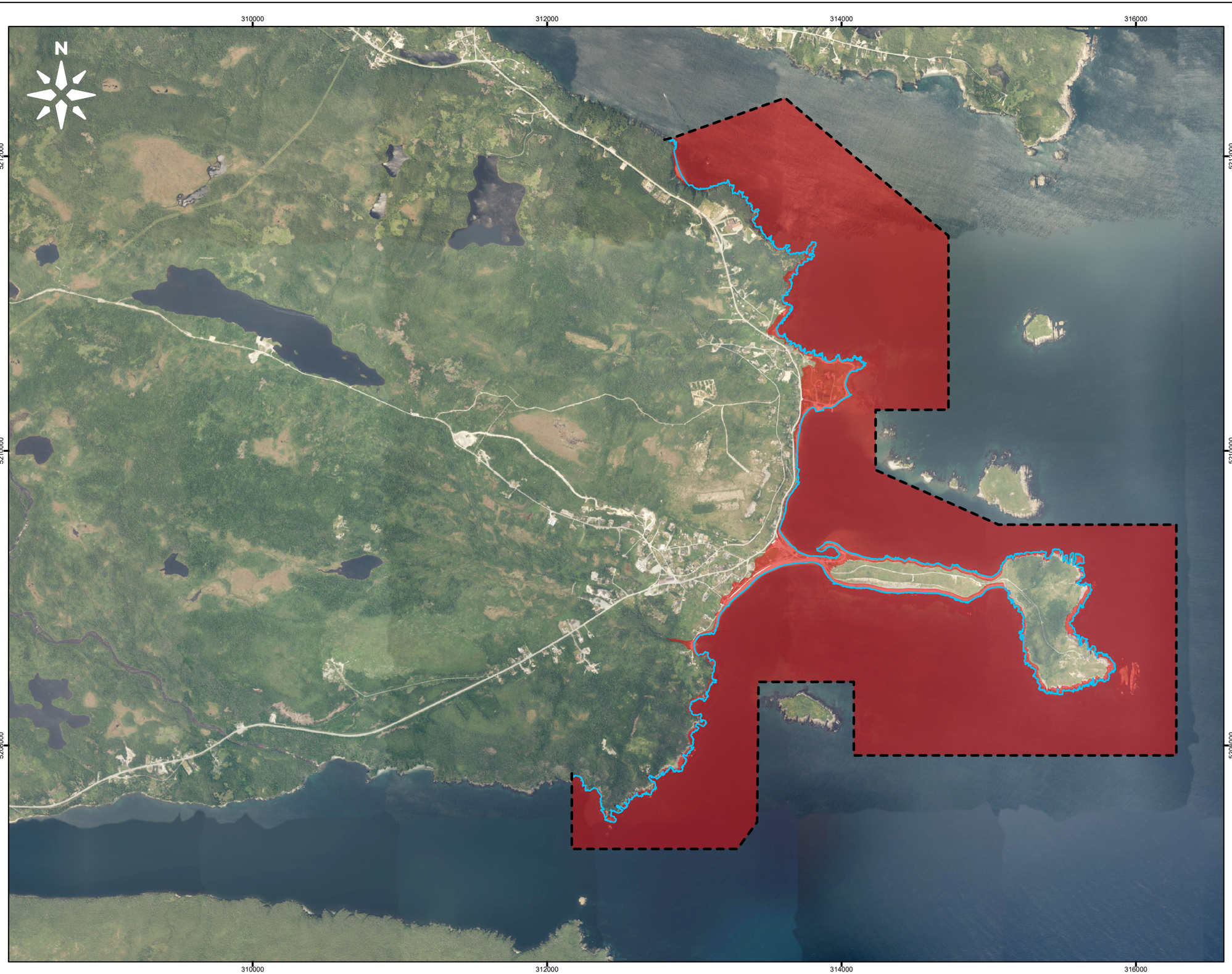
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 11.3 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig11.3
11"x17" PLOT SCALE 1:1

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LEGEND:

- Coastline
- Limit of Mapping
- 100 Year Flood Risk - Low
- 100 Year Flood Risk - Moderate
- 100 Year Flood Risk - Significant
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:25,000 METRIC 11"x17"

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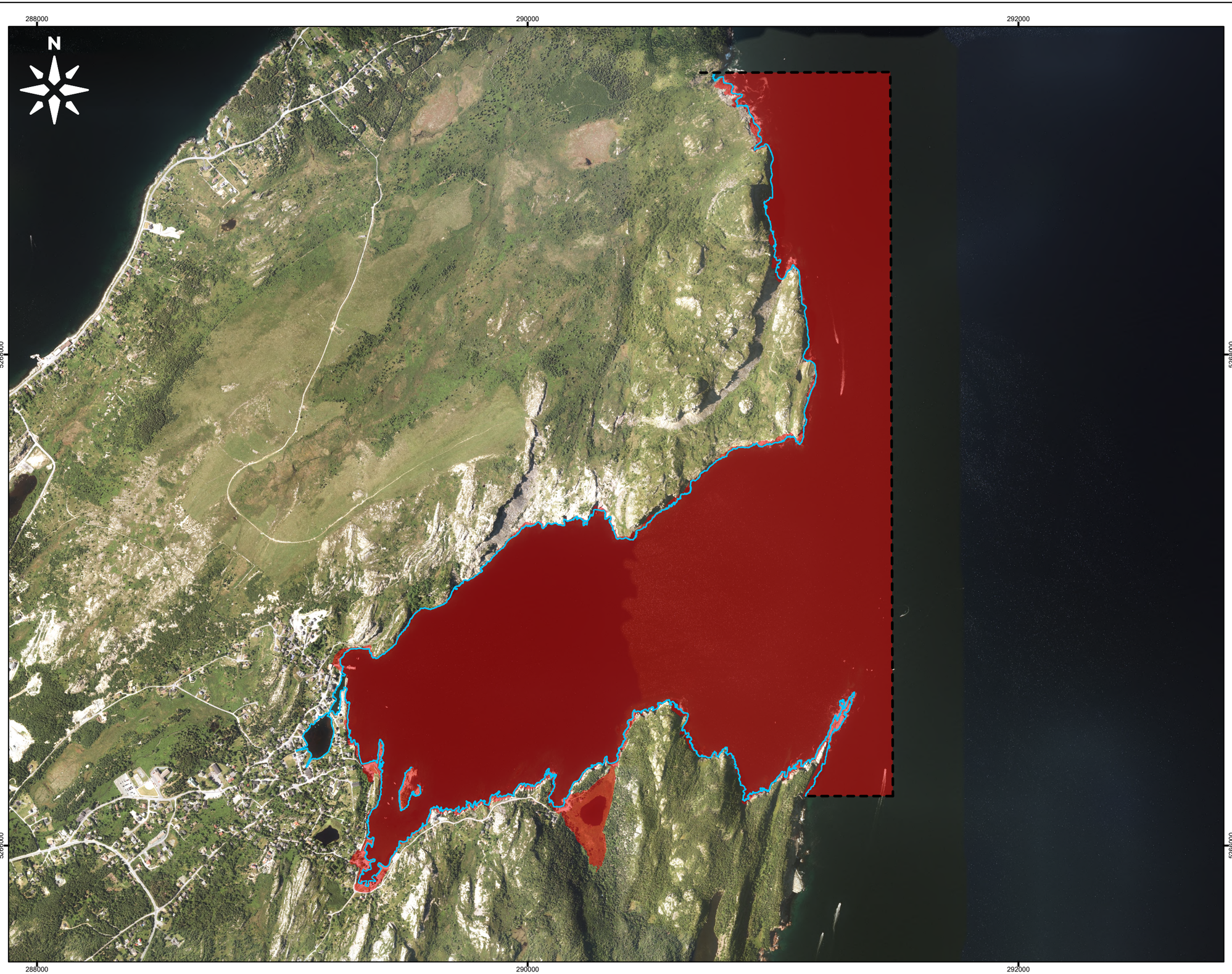
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 11.4 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig11.4
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LEGEND:

- Coastline
- Limit of Mapping
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
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100 0 100 200 300 400 500
Metres

SCALE: 1:15,000 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).

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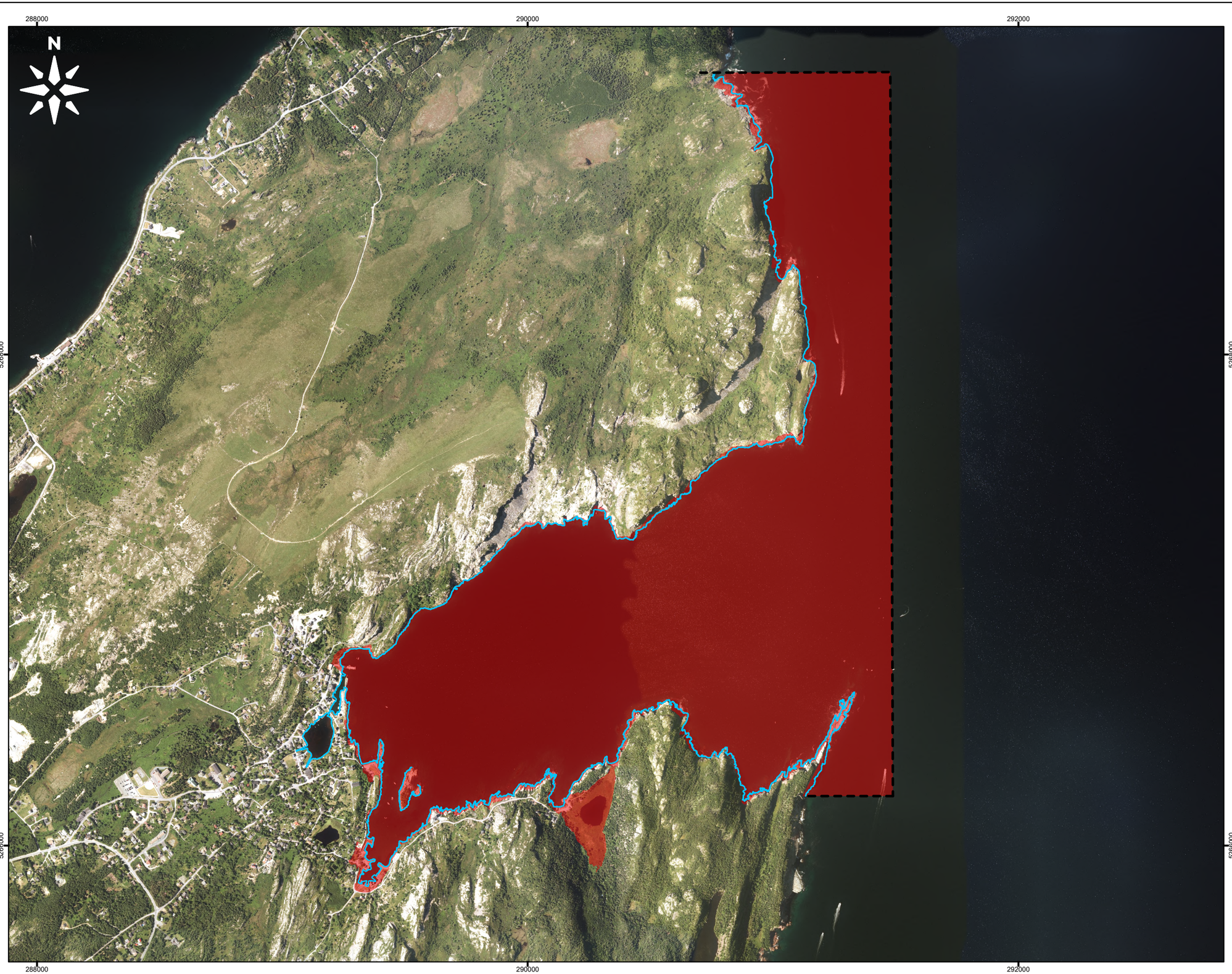
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 12.3 | REV.: 0

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LEGEND:

- Coastline
- Limit of Mapping
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100 0 100 200 300 400 500
Metres

SCALE: 1:15,000 METRIC 11"x17"

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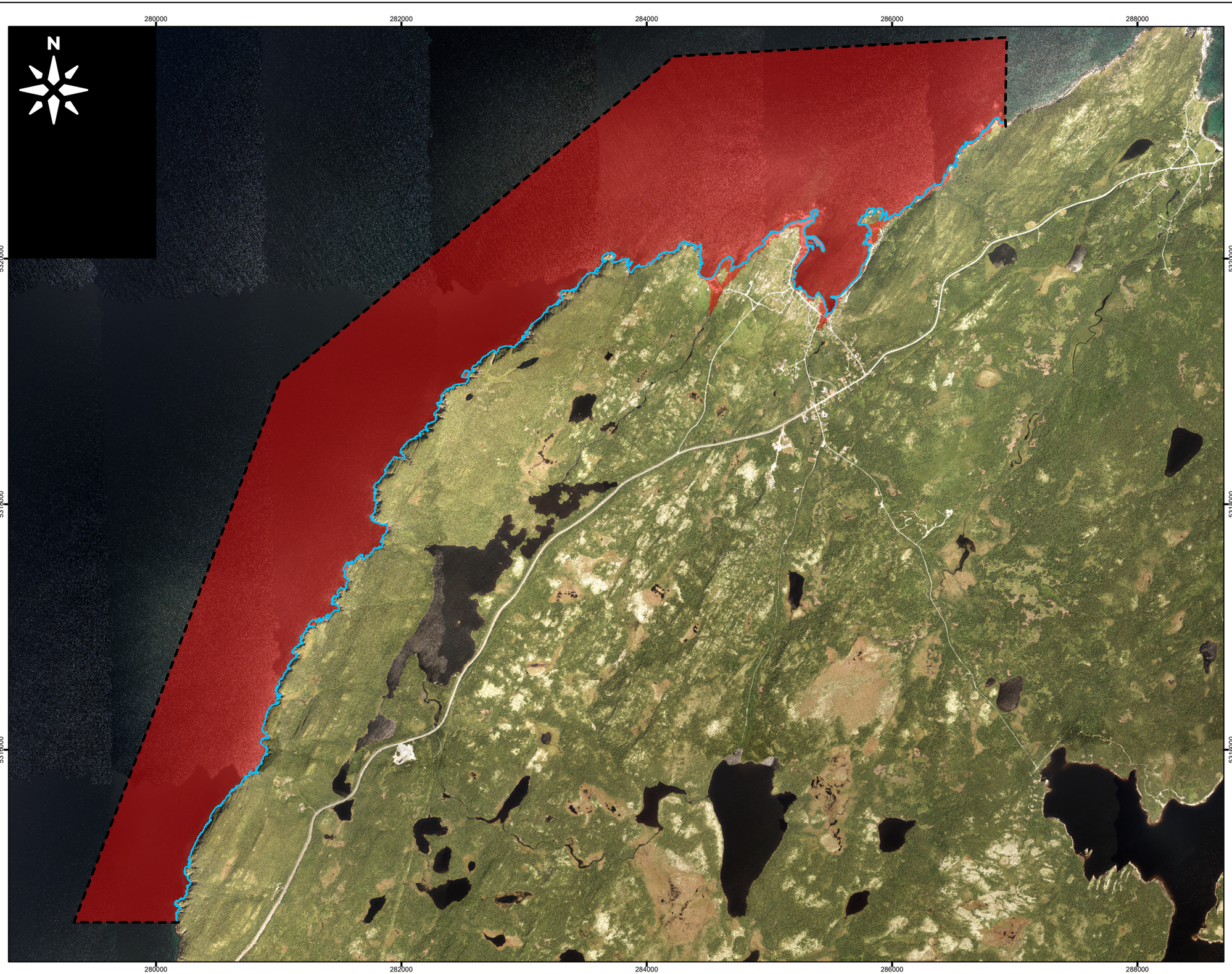
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CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 12.4 | REV.: 0

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LEGEND:

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- Limit of Mapping
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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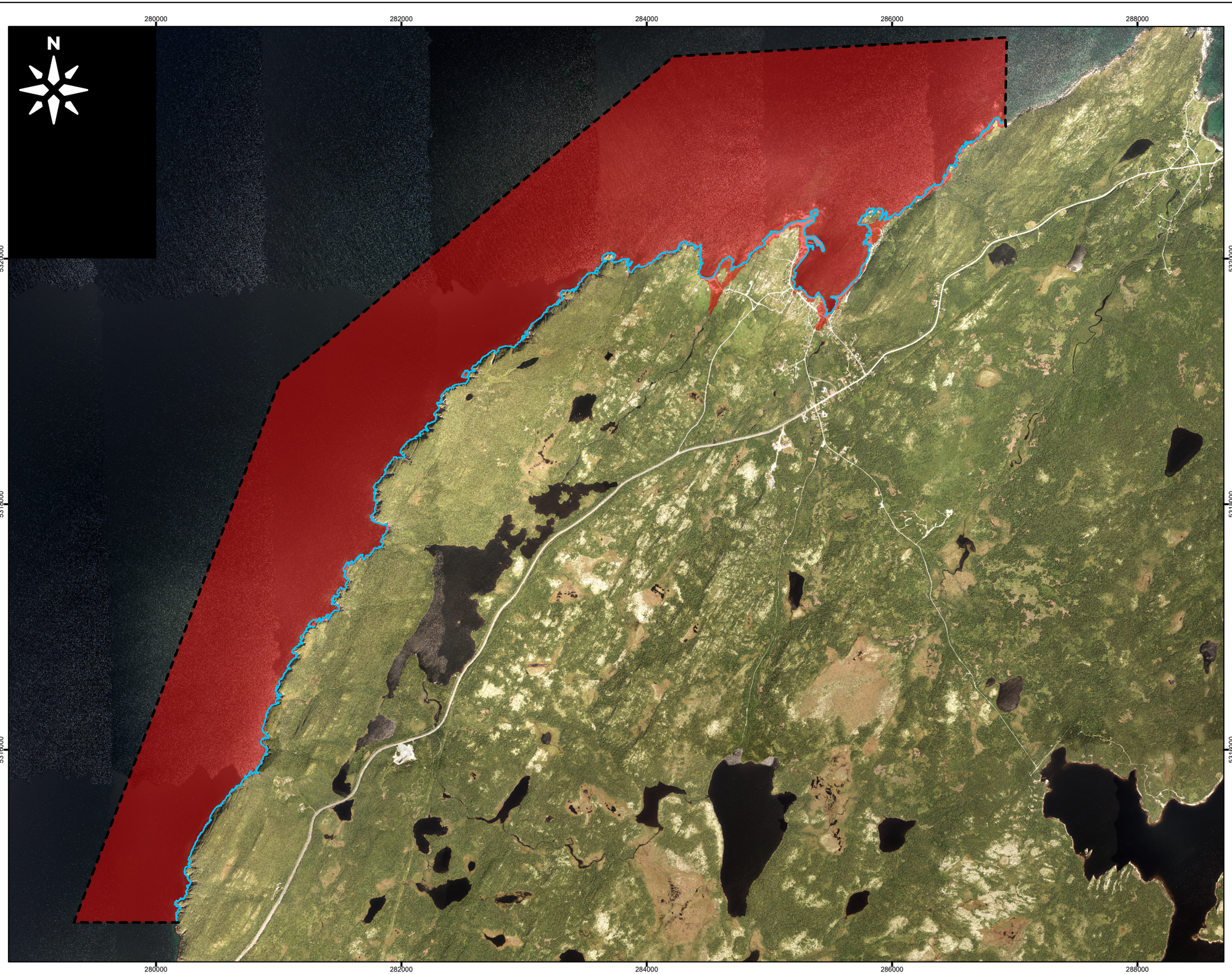
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CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 13.3 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig13.3
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LEGEND:

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- Limit of Mapping
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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 WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 13.4 | REV: 0

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LEGEND:

- Coastline
- Limit of Mapping
- 20 Year Flood Risk - Low
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100 0 100 200 300 400 500
Metres

SCALE: 1:20,000 METRIC 11"x17"

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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 WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 14.3 | REV: 0

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LEGEND:

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100 0 100 200 300 400 500
Metres

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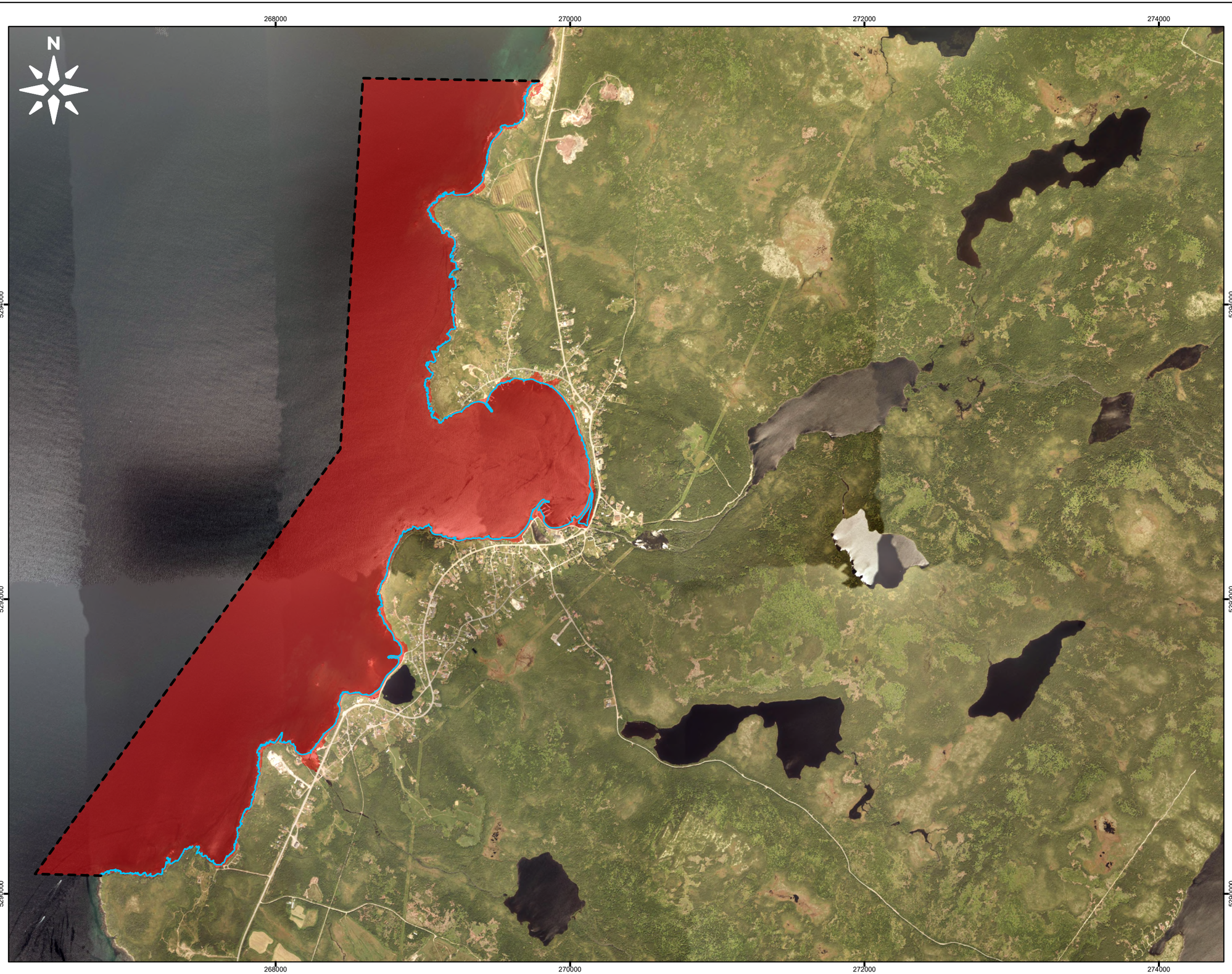
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 14.4 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- Coastline
- Limit of Mapping
- 20 Year Flood Risk - Low
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200 0 200 400 600 800 1,000
Meters

SCALE: 1:25,000 METRIC 11"x17"

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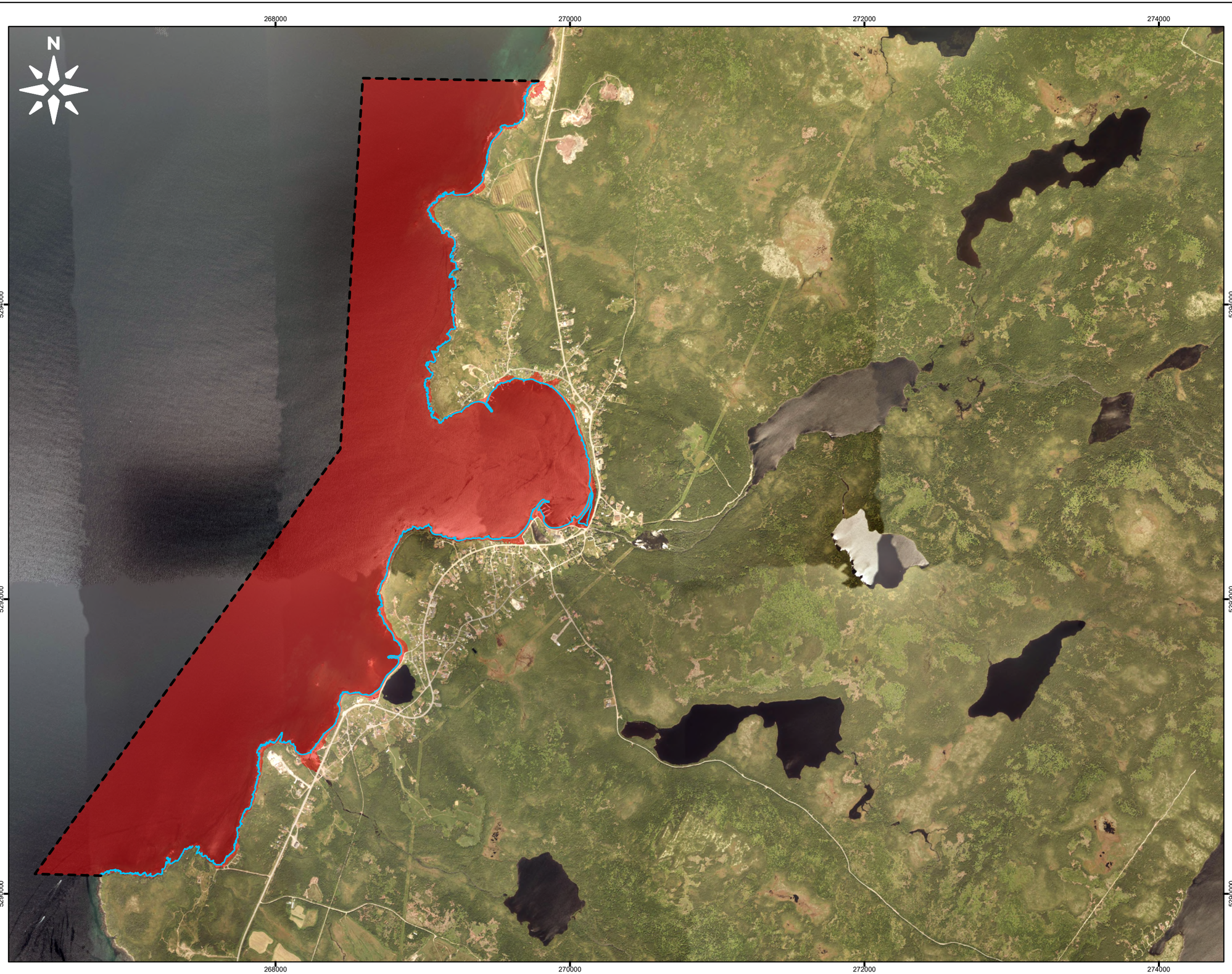
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 15.3 | REV: 0

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11"x17" PLOT SCALE 1:1

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200 0 200 400 600 800 1,000
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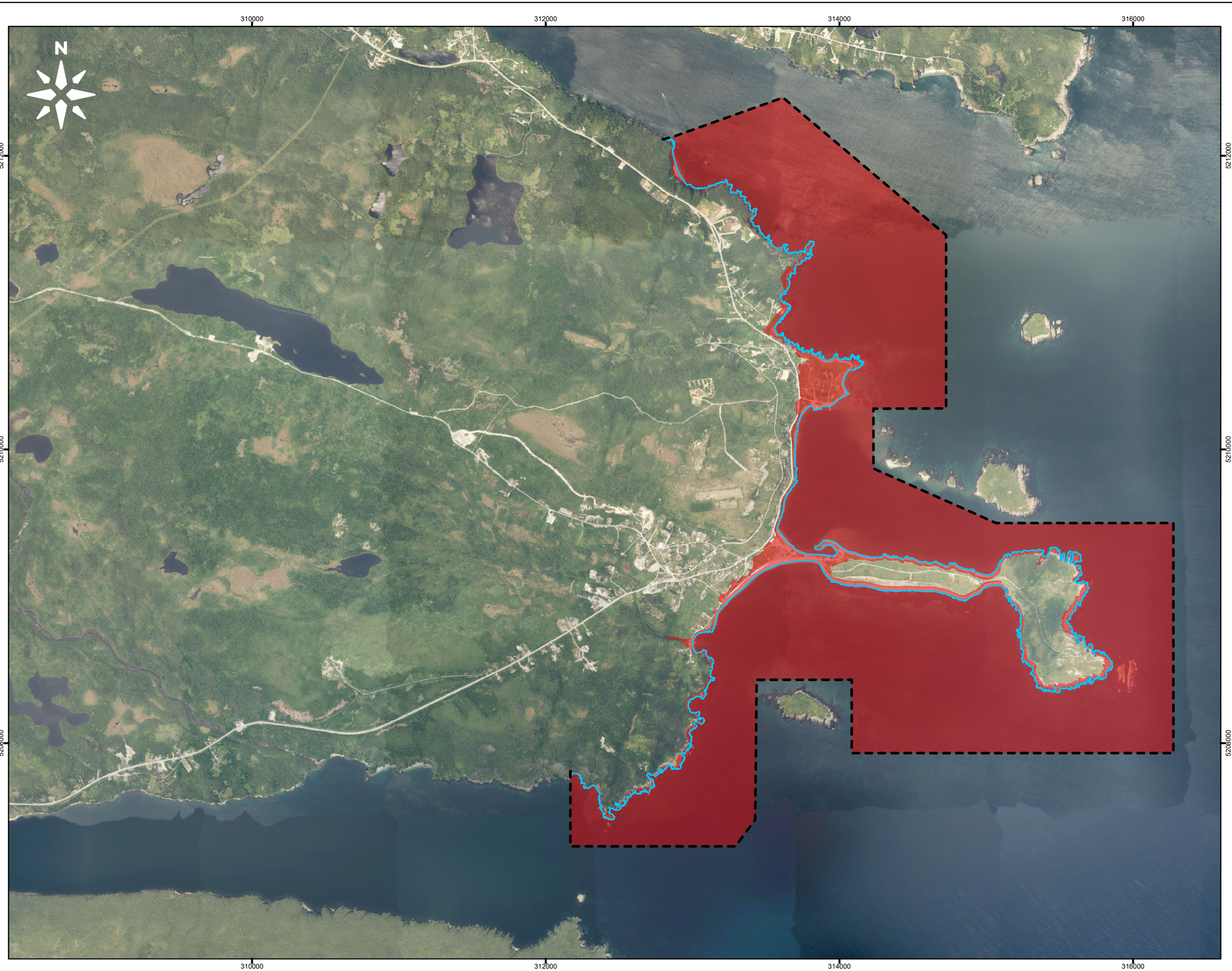
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) 1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 15.4 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

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200 0 200 400 600 800 1,000

Metres

SCALE: 1:25,000 METRIC 11"x17"

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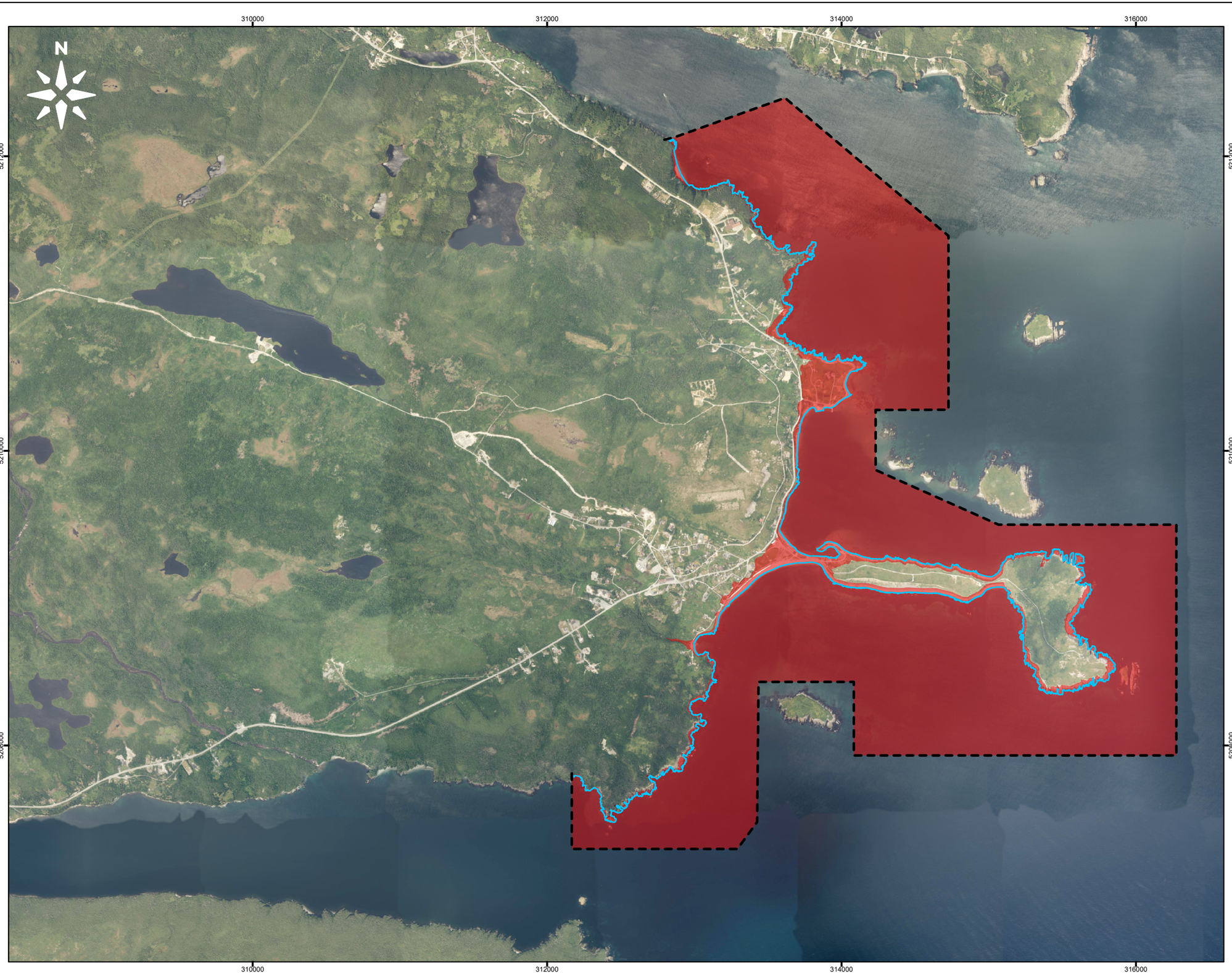
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 16.3 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

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200 0 200 400 600 800 1,000

Metres

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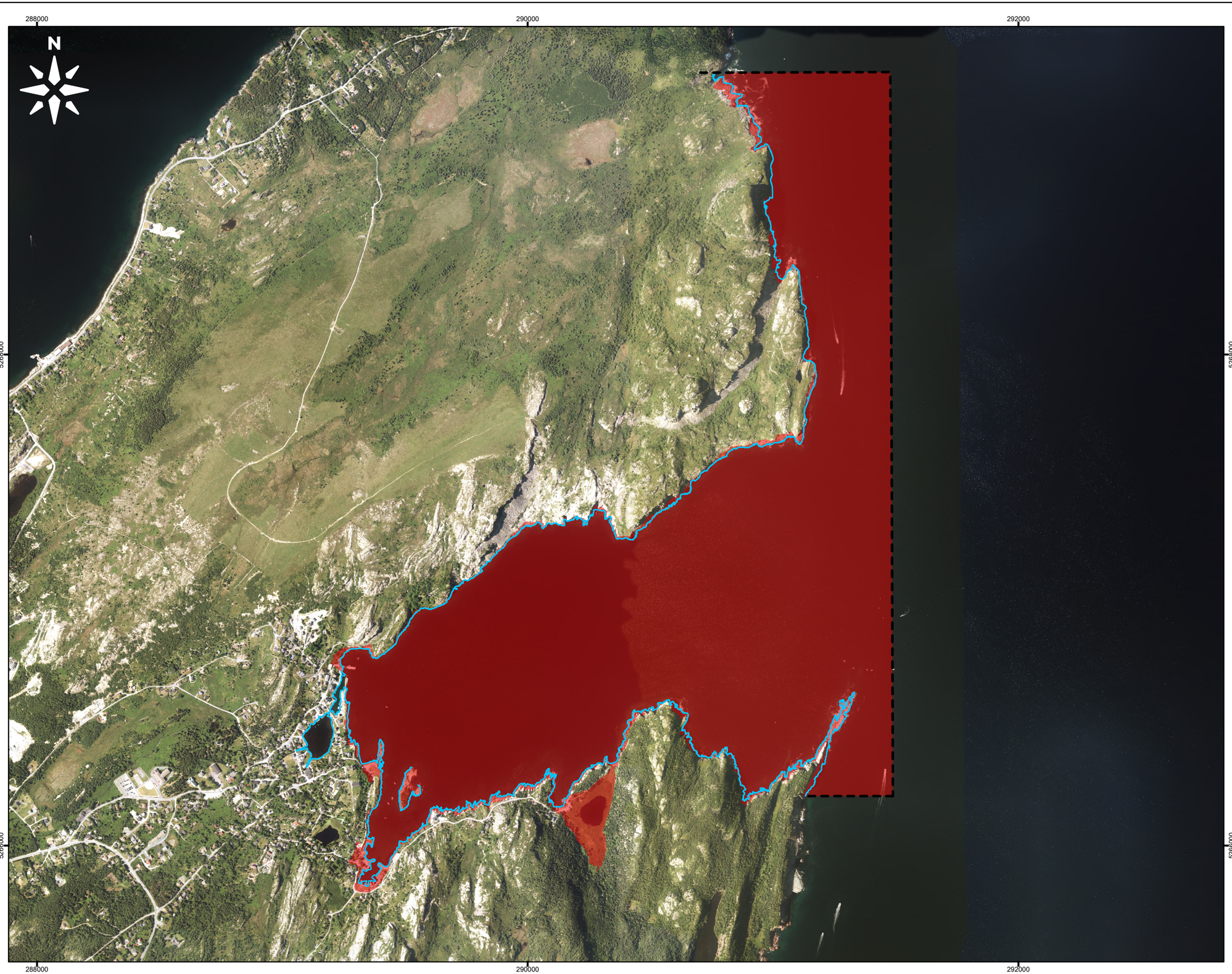
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CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 16.4 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

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100 0 100 200 300 400 500
Metres

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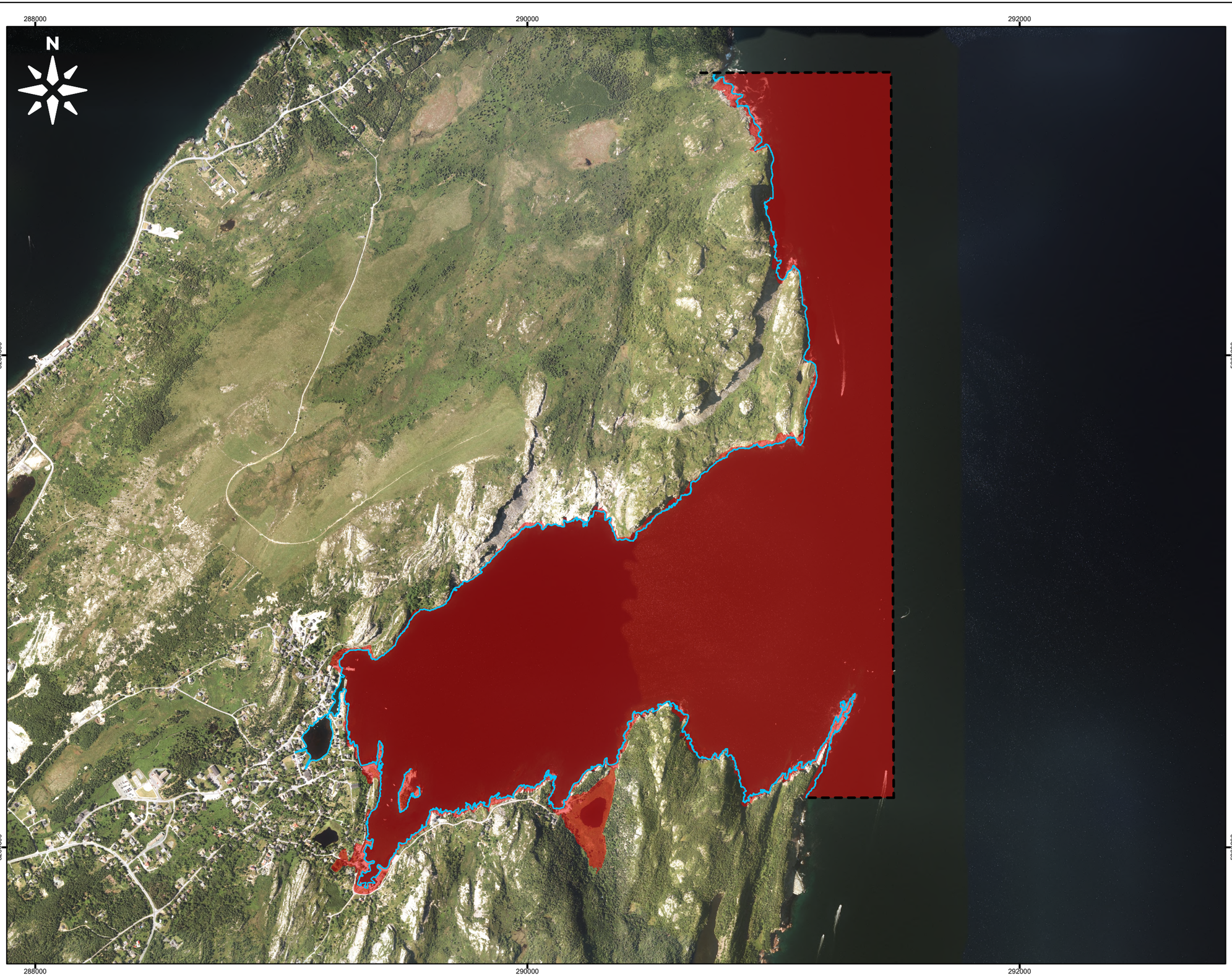
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 17.3 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Ferryland Inundation Mapping\Ferryland Inundation Mapping.aprx 22-3217-002-Fig17.3
11"x17" PLOT SCALE 1:1

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LEGEND:

- Coastline
- 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)
2. Climate change impacts on wave effects are incorporated by considering mid-century and late-century relative sea level projections (RCP 8.5) from the IPCC Fifth Assessment Report, obtained through the ClimateData.ca project.

100 0 100 200 300 400 500
Metres

SCALE: 1:15,000 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).

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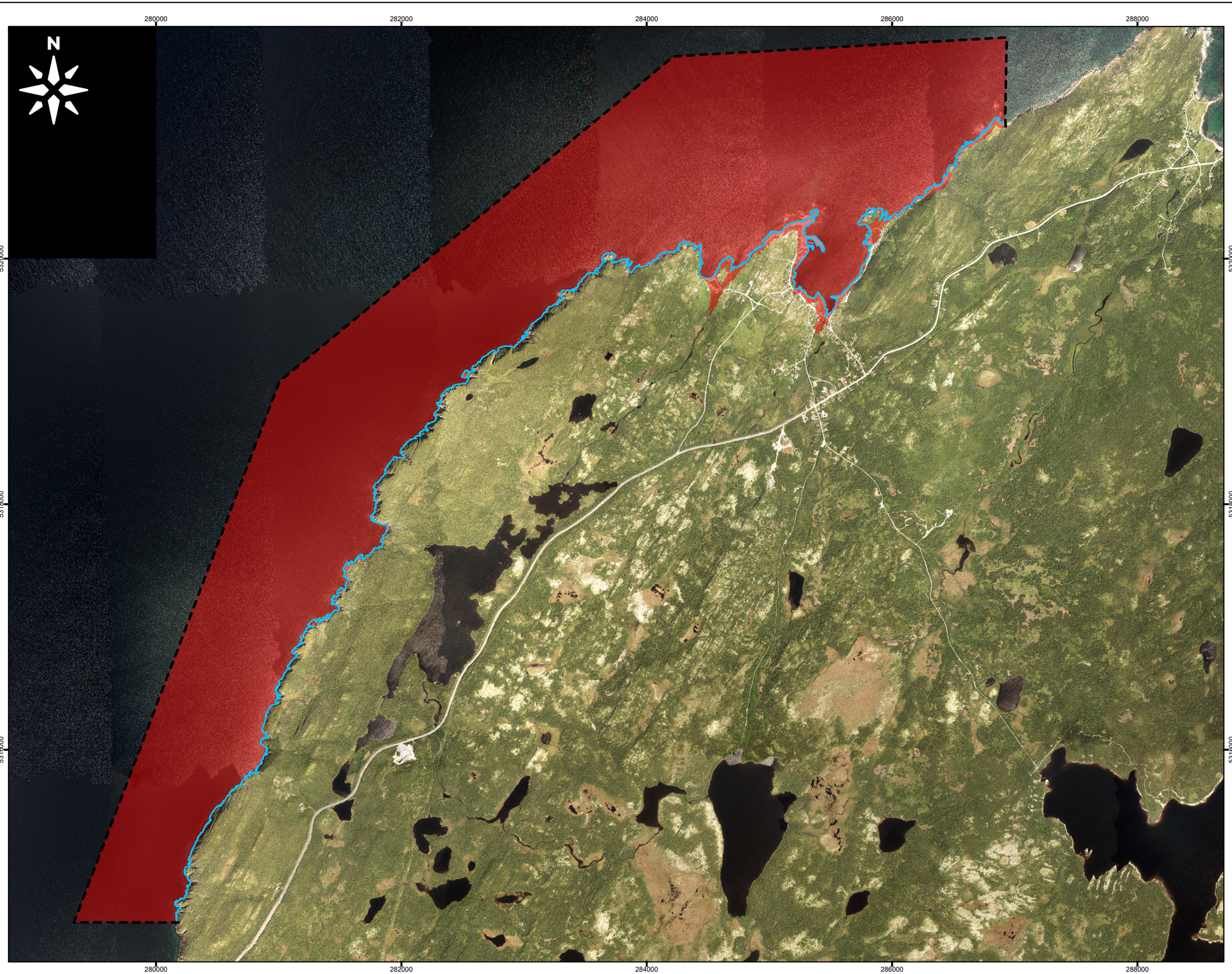
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) 1:100 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 17.4 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- Coastline
- Limit of Mapping
- 20 Year Flood Risk - Low
- 20 Year Flood Risk - Moderate
- 20 Year Flood Risk - Significant
- 20 Year Flood Risk - Extreme

NOTES:
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200 0 200 400 600 800 1,000
Metres

SCALE: 1:30,000 METRIC 11"x17"

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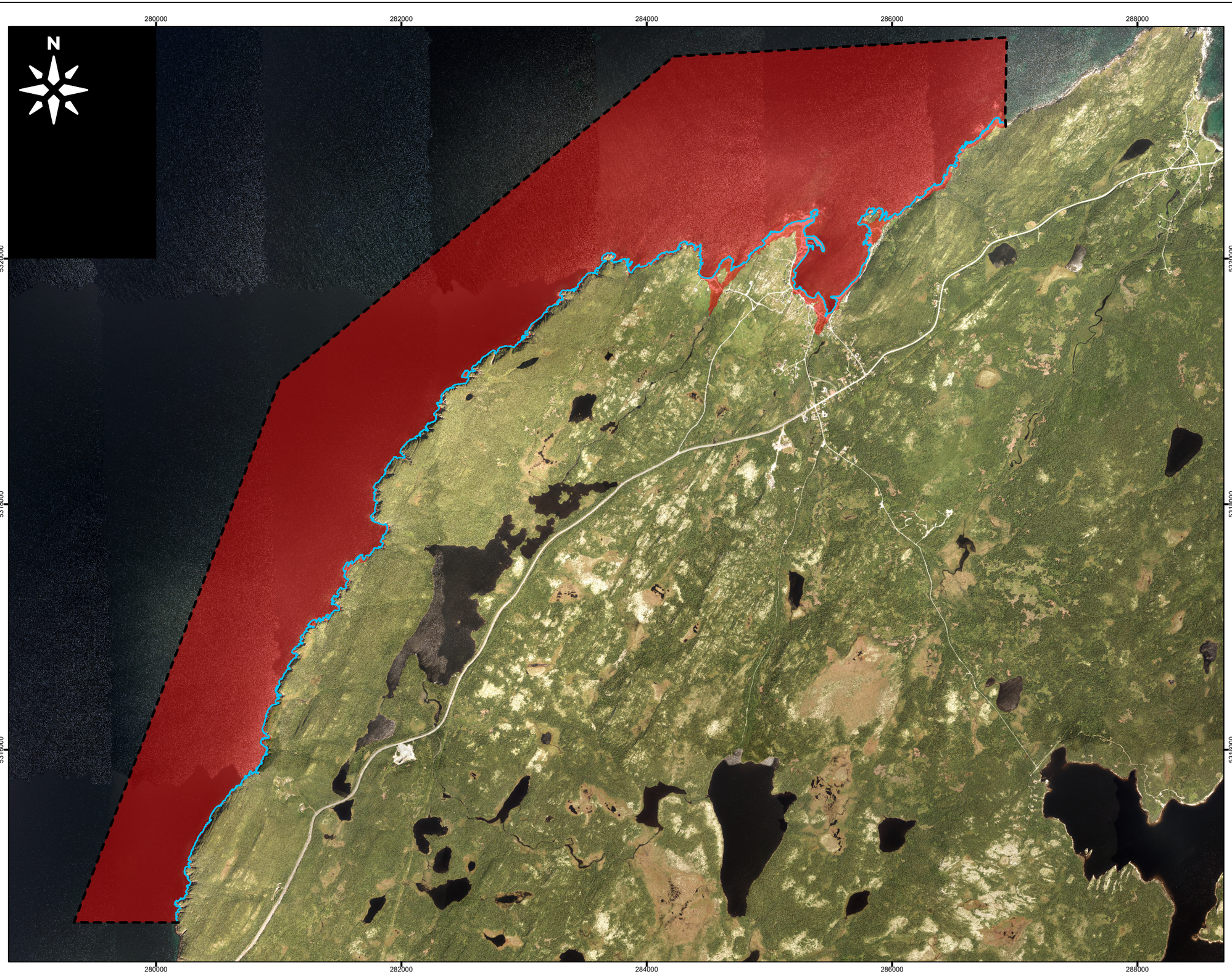
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025 | FIGURE 18.3 | REV: 0

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CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD)
1:20 YEAR WAVE RUN UP RISK

DECEMBER 2025	FIGURE 19.3	REV: 0

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Metres

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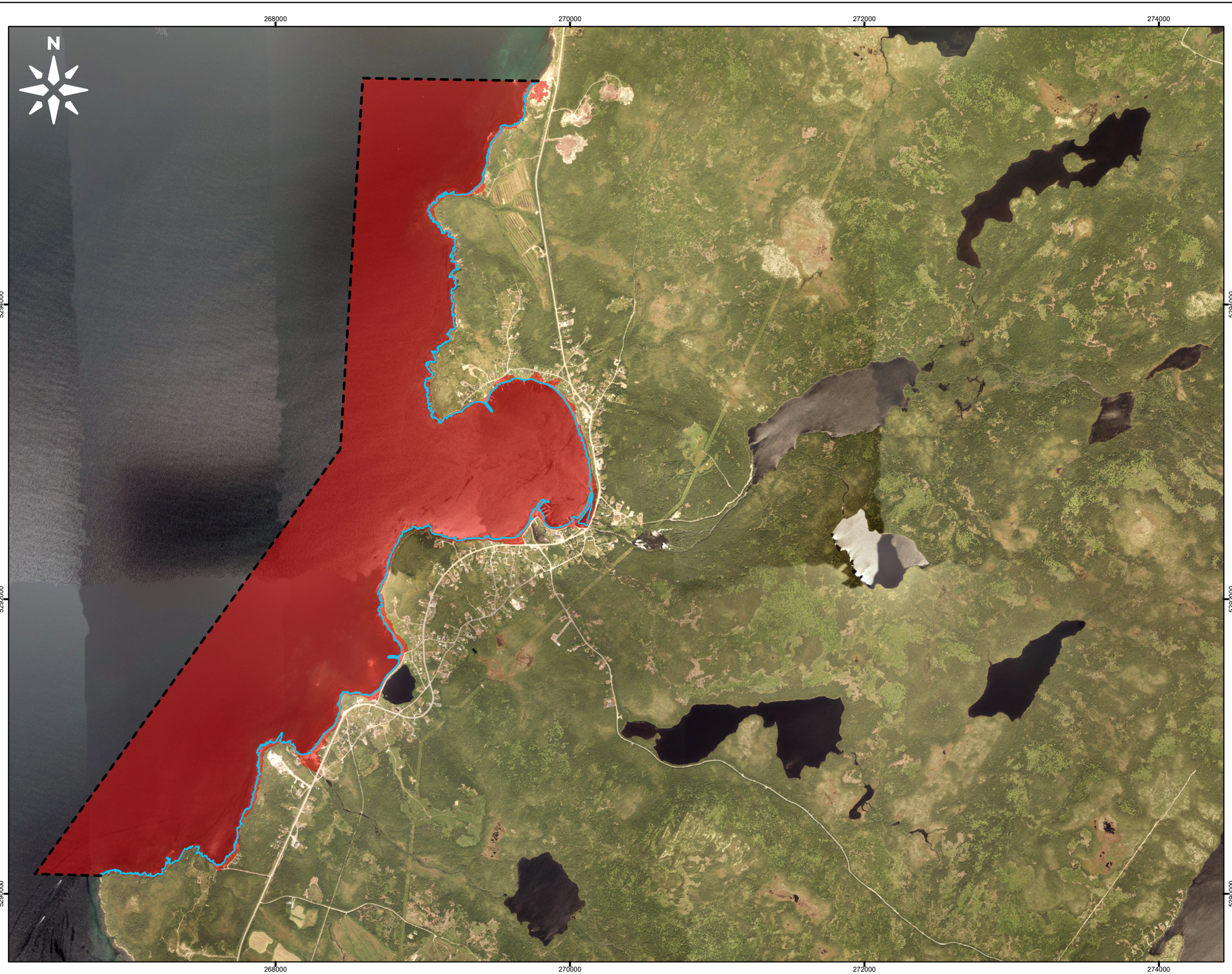
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Metres

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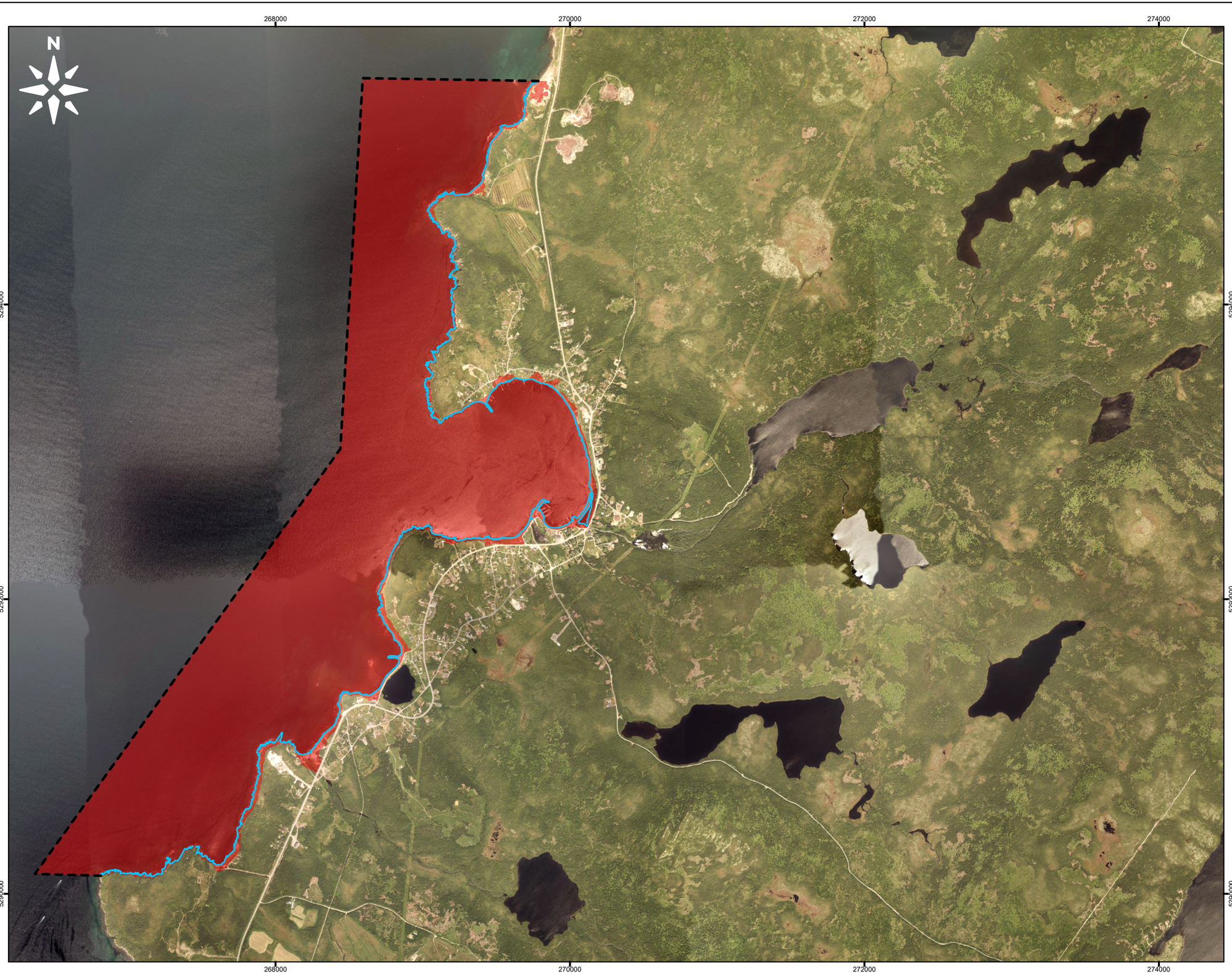
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DECEMBER 2025 | FIGURE 20.3 | REV: 0

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