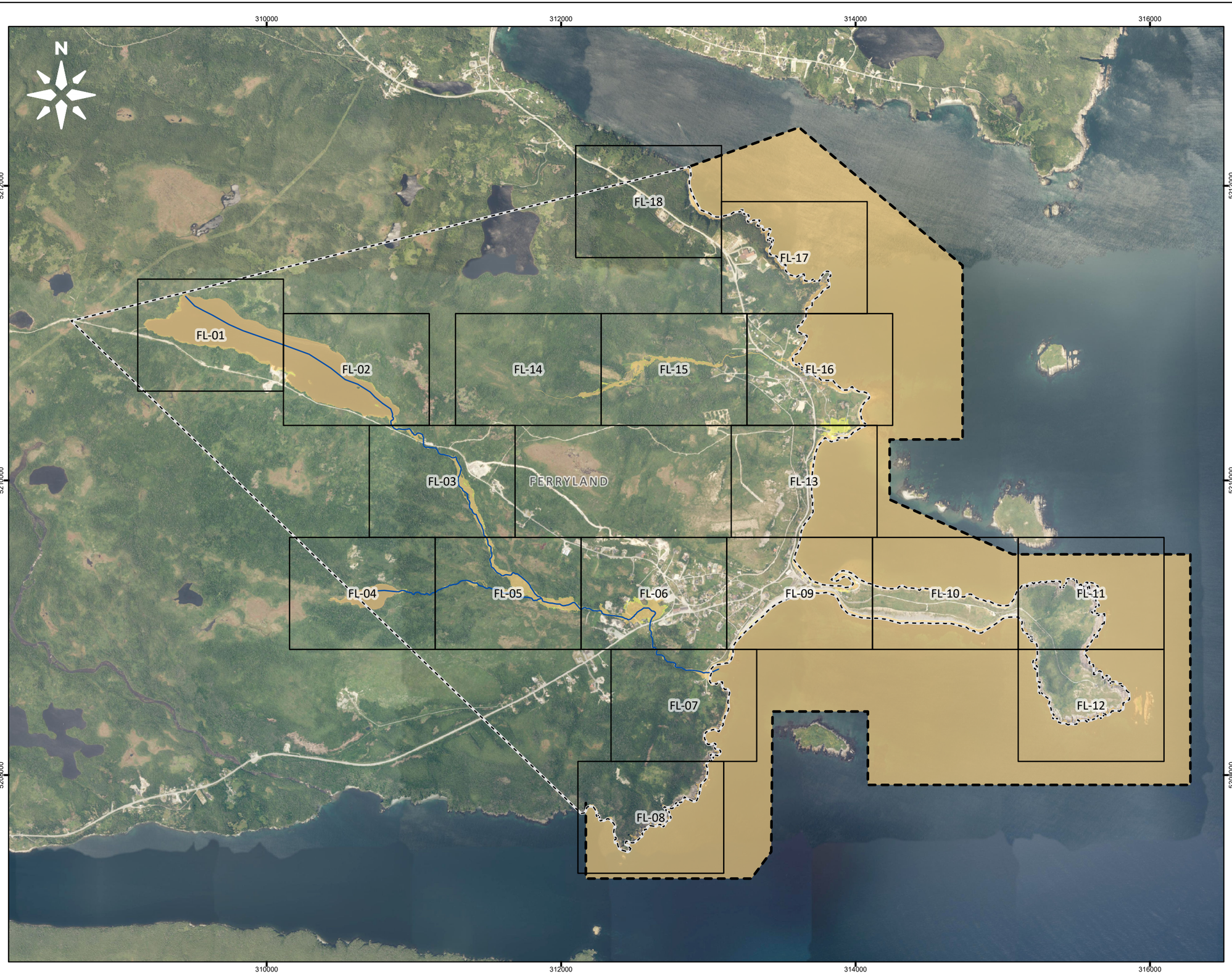
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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

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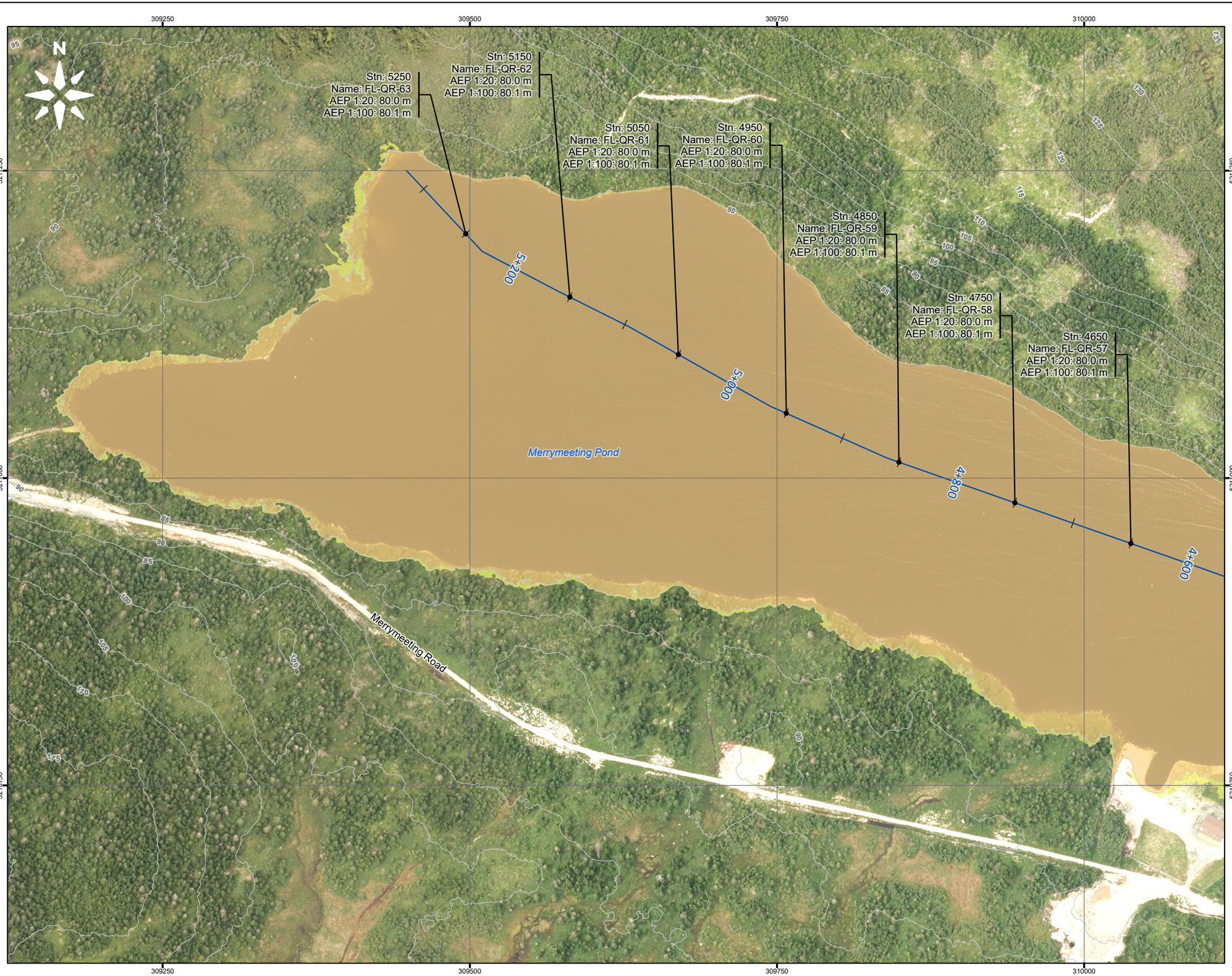
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

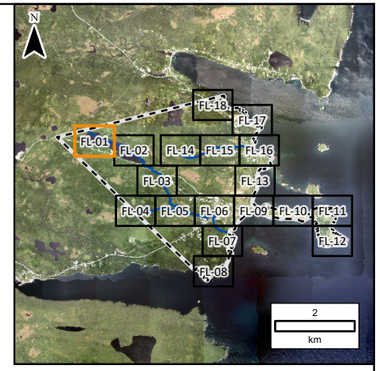
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 1.1 | REV: 0

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

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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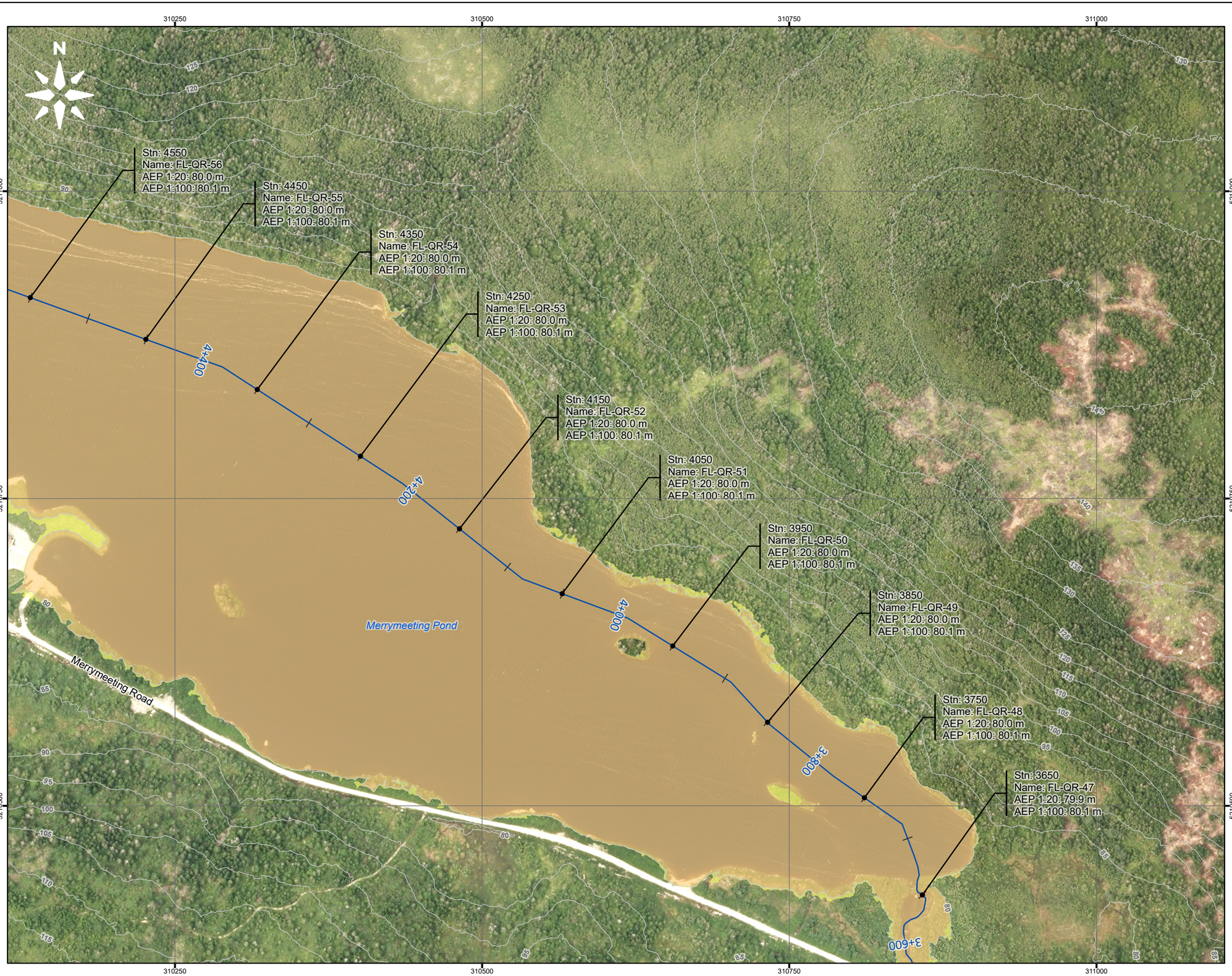
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

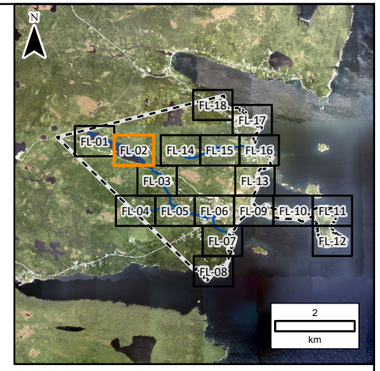
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-01

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

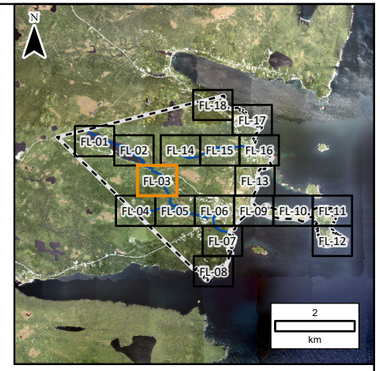
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-02

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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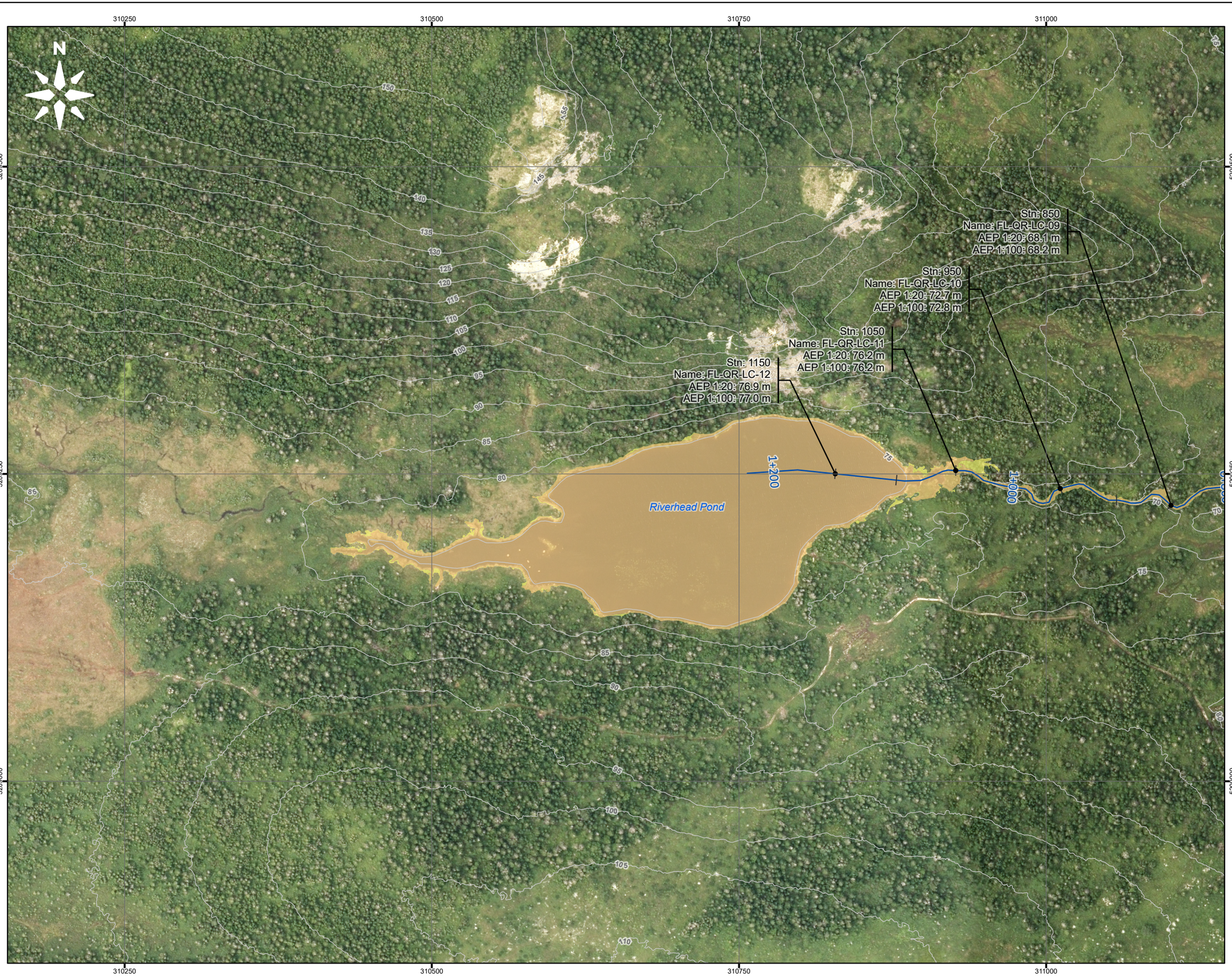
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

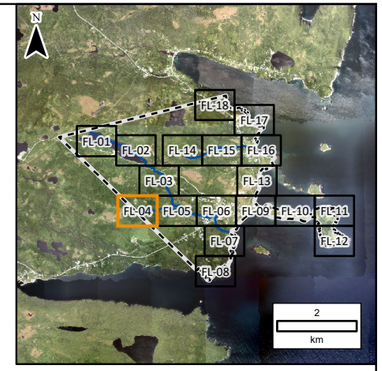
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-03

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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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) AEP FLOOD ZONE - FL-04

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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311250 311500 311750 312000

5209500 5209250 5209000

Stn: 2350
Name: FL-QR-32
AEP 1:20: 47.8 m
AEP 1:100: 47.8 m

Stn: 2250
Name: FL-QR-31
AEP 1:20: 45.5 m
AEP 1:100: 45.6 m

Stn: 2150
Name: FL-QR-30
AEP 1:20: 44.2 m
AEP 1:100: 44.3 m

Stn: 2050
Name: FL-QR-29
AEP 1:20: 43.1 m
AEP 1:100: 43.1 m

Stn: 1950
Name: FL-QR-28
AEP 1:20: 41.4 m
AEP 1:100: 41.5 m

Stn: 1850
Name: FL-QR-27
AEP 1:20: 39.1 m
AEP 1:100: 39.2 m

Stn: 1750
Name: FL-QR-26
AEP 1:20: 36.9 m
AEP 1:100: 37.0 m

Stn: 1650
Name: FL-QR-25
AEP 1:20: 36.2 m
AEP 1:100: 36.3 m

Stn: 1550
Name: FL-QR-24
AEP 1:20: 35.6 m
AEP 1:100: 35.7 m

Stn: 1488.7
Name: FL-QR-23
AEP 1:20: 35.2 m
AEP 1:100: 35.3 m

Stn: 1481.7
Name: FL-QR-22
AEP 1:20: 34.8 m
AEP 1:100: 34.9 m

Stn: 1450
Name: FL-QR-21
AEP 1:20: 34.3 m
AEP 1:100: 34.5 m

Stn: 750
Name: FL-QR-LC-08
AEP 1:20: 62.9 m
AEP 1:100: 63.0 m

Stn: 650
Name: FL-QR-LC-07
AEP 1:20: 57.5 m
AEP 1:100: 57.5 m

Stn: 550
Name: FL-QR-LC-06
AEP 1:20: 51.4 m
AEP 1:100: 51.4 m

Stn: 450
Name: FL-QR-LC-05
AEP 1:20: 46.8 m
AEP 1:100: 46.8 m

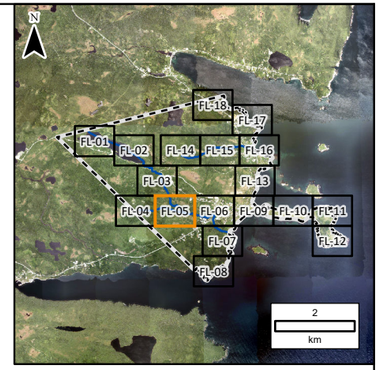
Stn: 350
Name: FL-QR-LC-04
AEP 1:20: 44.2 m
AEP 1:100: 44.2 m

Stn: 250
Name: FL-QR-LC-03
AEP 1:20: 42.0 m
AEP 1:100: 42.0 m

Stn: 150
Name: FL-QR-LC-02
AEP 1:20: 39.8 m
AEP 1:100: 39.8 m

Stn: 50
Name: FL-QR-LC-01
AEP 1:20: 36.8 m
AEP 1:100: 36.8 m

0+000 0+200 0+400 0+600 0+800 1+000 1+200 1+400 1+600 1+800 2+000 2+200



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

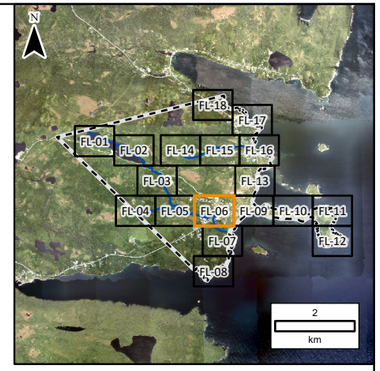
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-05

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
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20 0 20 40 60 80 100
Metres

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).

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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)
AEP FLOOD ZONE - FL-06

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11"x17" PLOT SCALE 1:1

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11"x17" PLOT SCALE 1:1

312500 312750 313000 313250

5208750 5208500 5208250

Stn: 450
Name: FL-QR-07
AEP 1:20: 18.6 m
AEP 1:100: 18.8 m

Stn: 350
Name: FL-QR-06
AEP 1:20: 12.4 m
AEP 1:100: 12.6 m

Stn: 250
Name: FL-QR-05
AEP 1:20: 3.8 m
AEP 1:100: 4.0 m

Stn: 150
Name: FL-QR-04
AEP 1:20: 3.0 m
AEP 1:100: 3.2 m

Stn: 100
Name: FL-QR-03
AEP 1:20: 3.0 m
AEP 1:100: 3.2 m

Stn: 87.9
Name: FL-QR-02
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

Stn: 50
Name: FL-QR-01
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

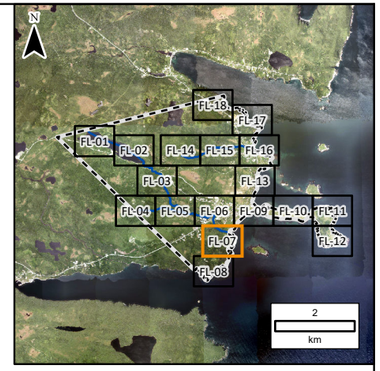
FL-24
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-25
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

0+400 0+200 0

Freshwater Road

Freshwater Cove



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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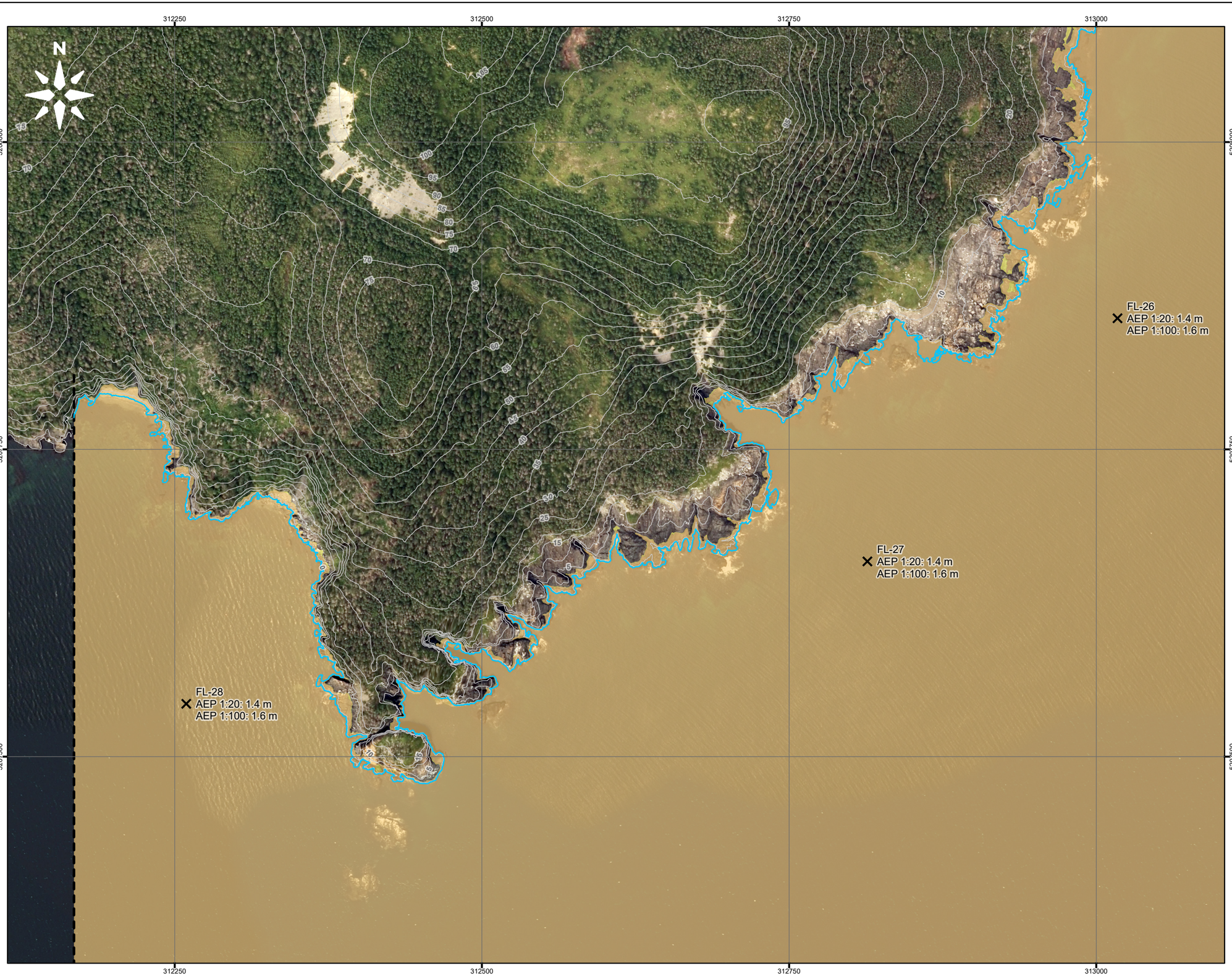
Newfoundland Labrador Canada

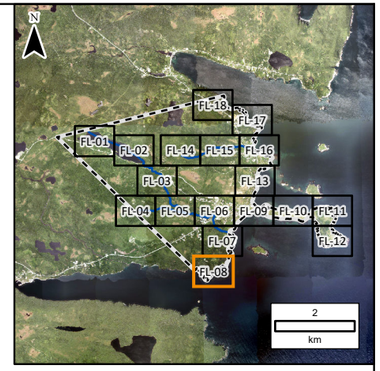
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-07

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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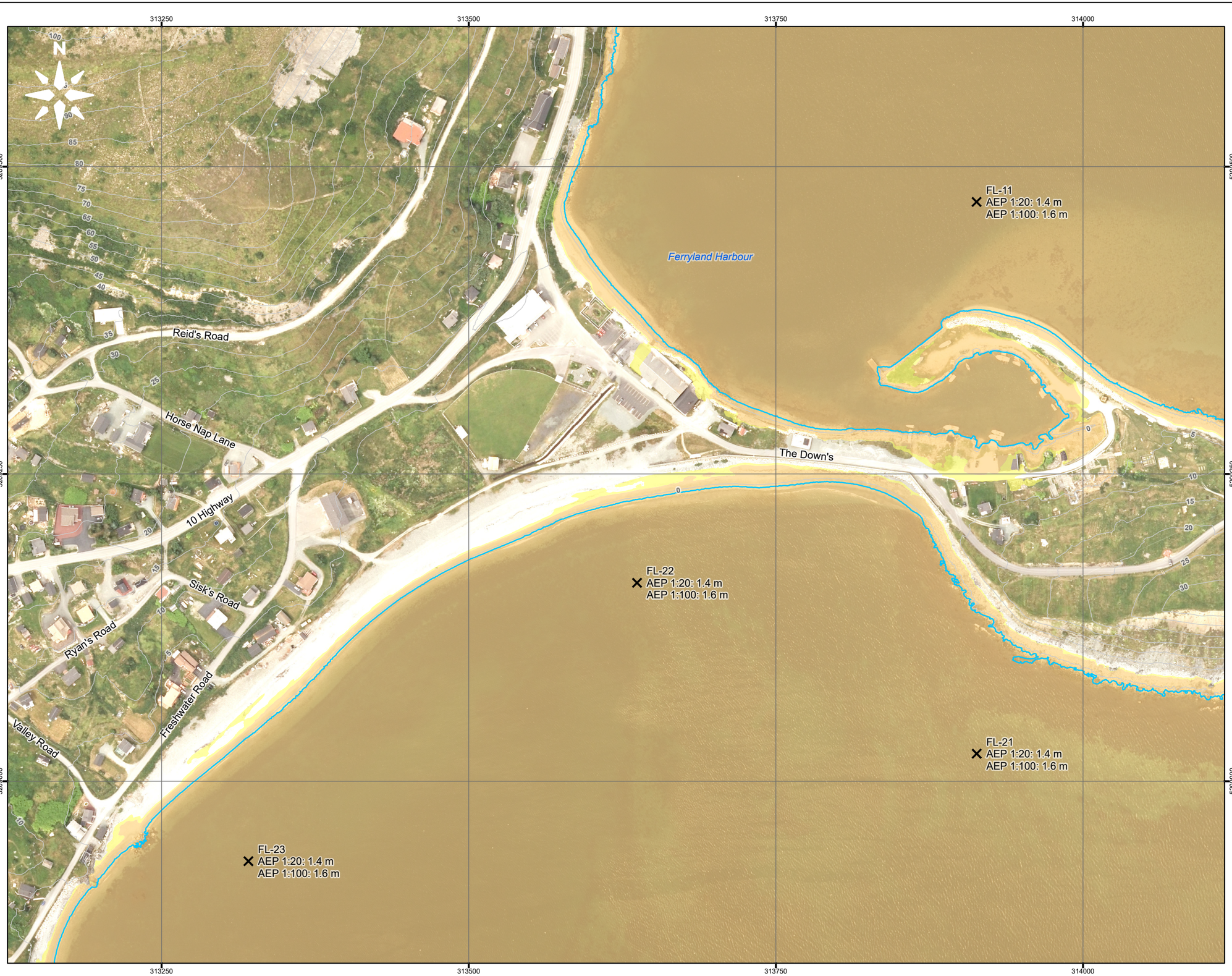
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

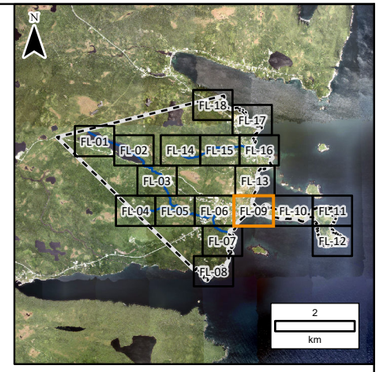
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-08

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

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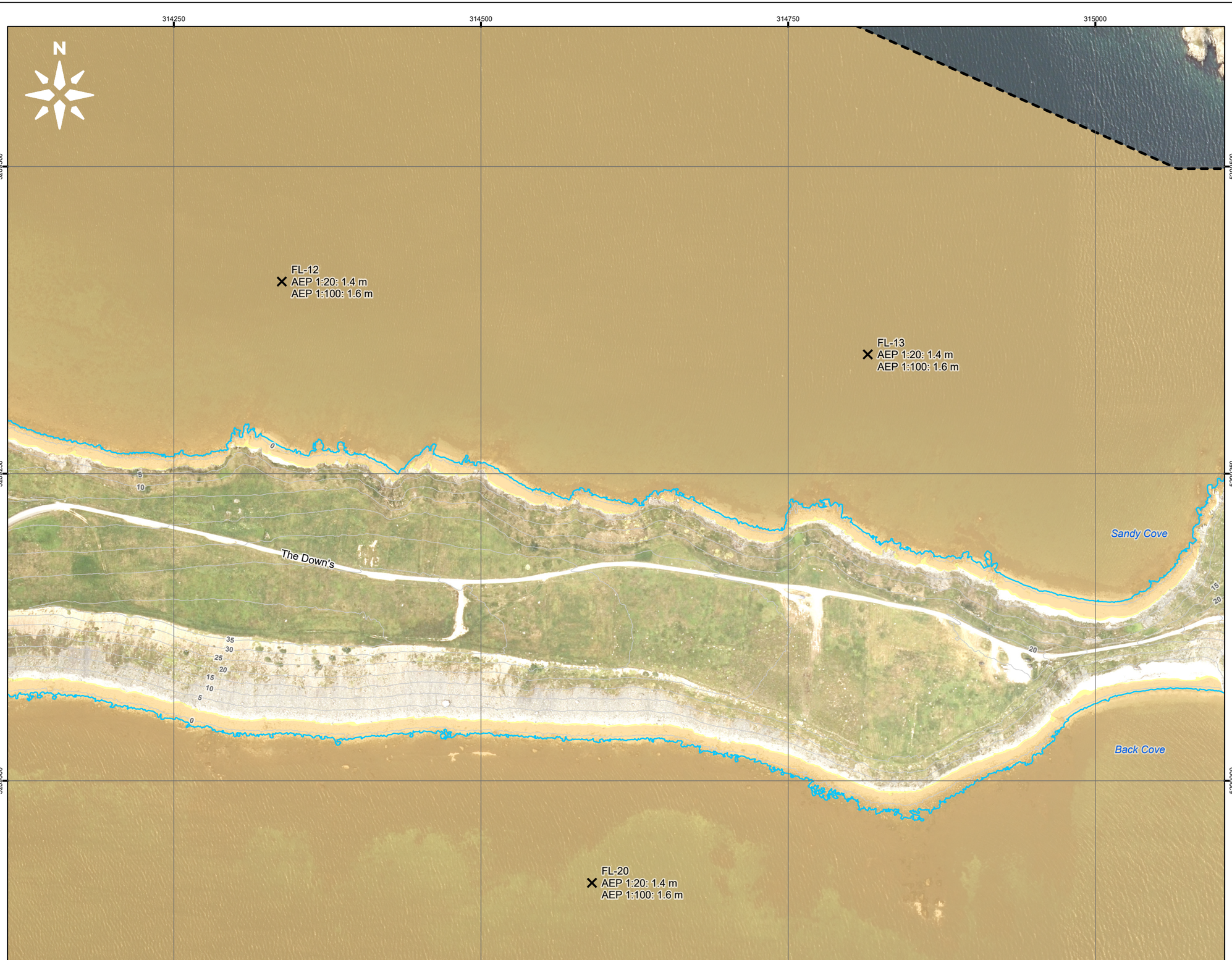
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

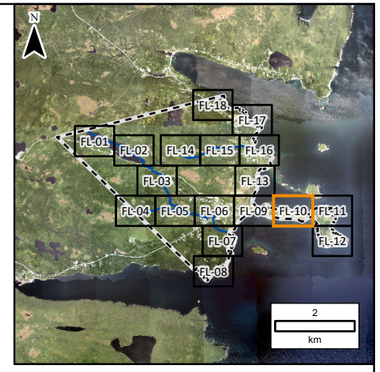
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-09

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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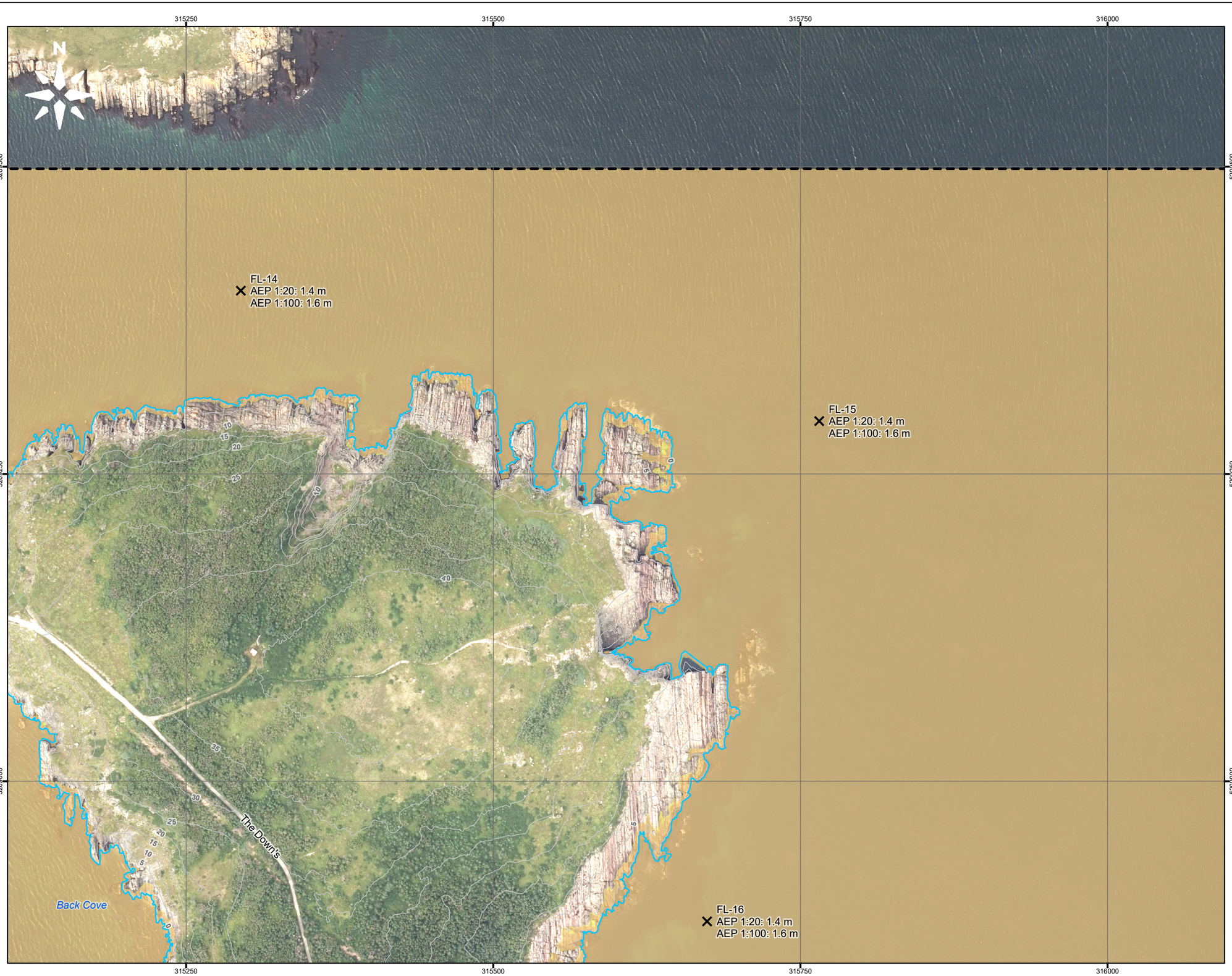
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

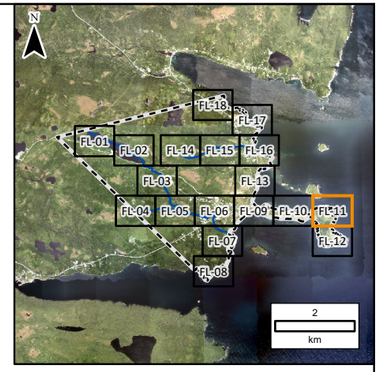
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-10

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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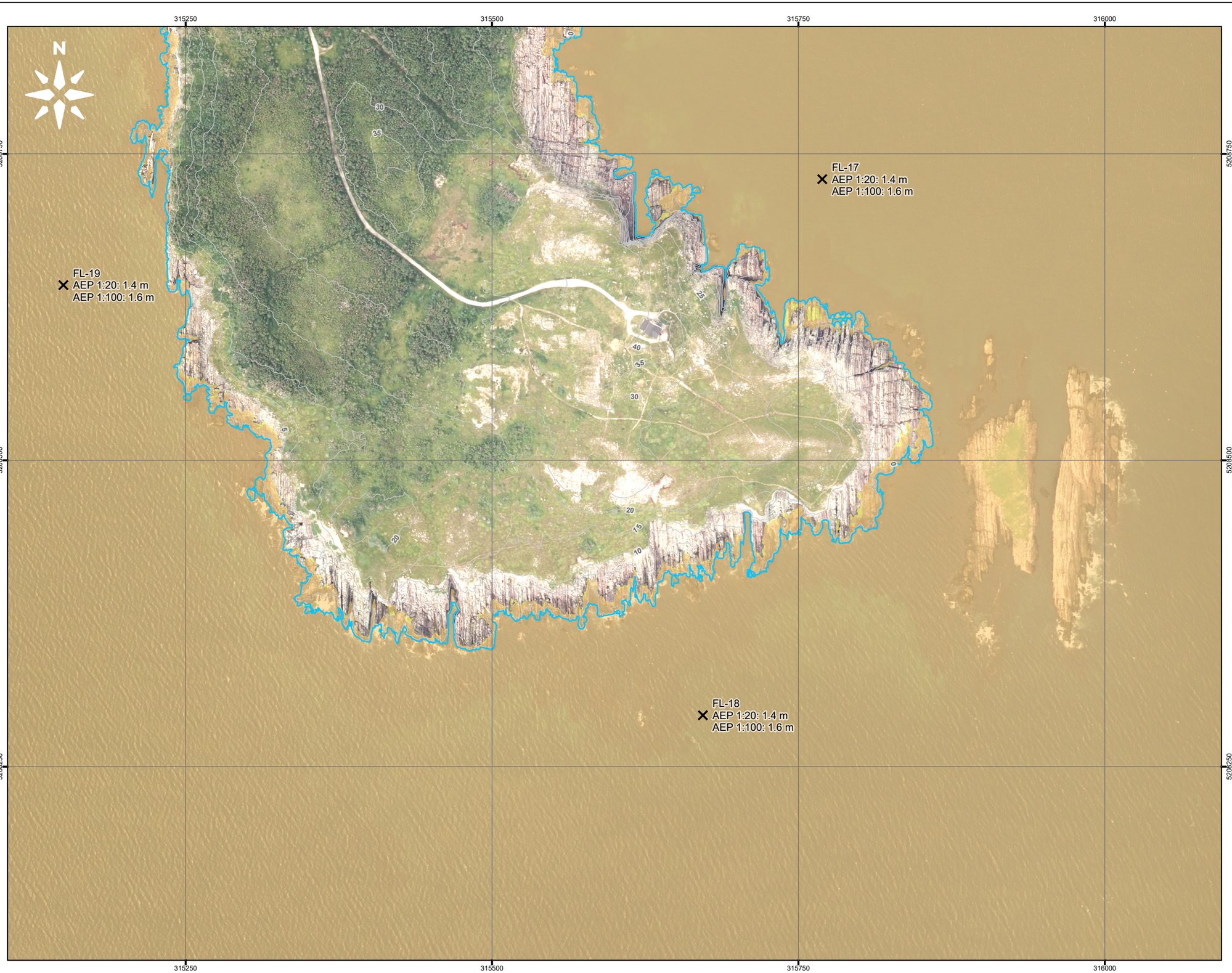
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

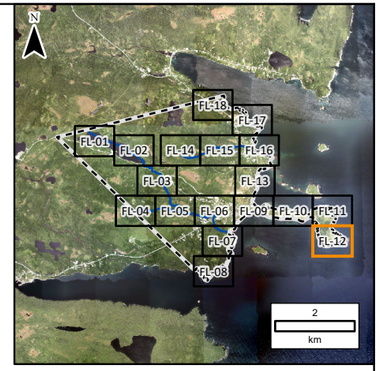
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-11

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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)
AEP FLOOD ZONE - FL-12

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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313250 313500 313750 314000

5210250 5210000 5209750

N

Holdsworth's Road

Reid's Road

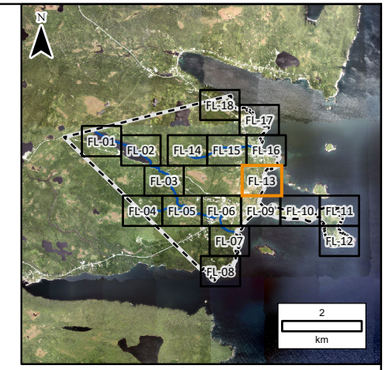
Fox Hill

10 0 95 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 5 15

FL-08
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-09
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-10
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m



LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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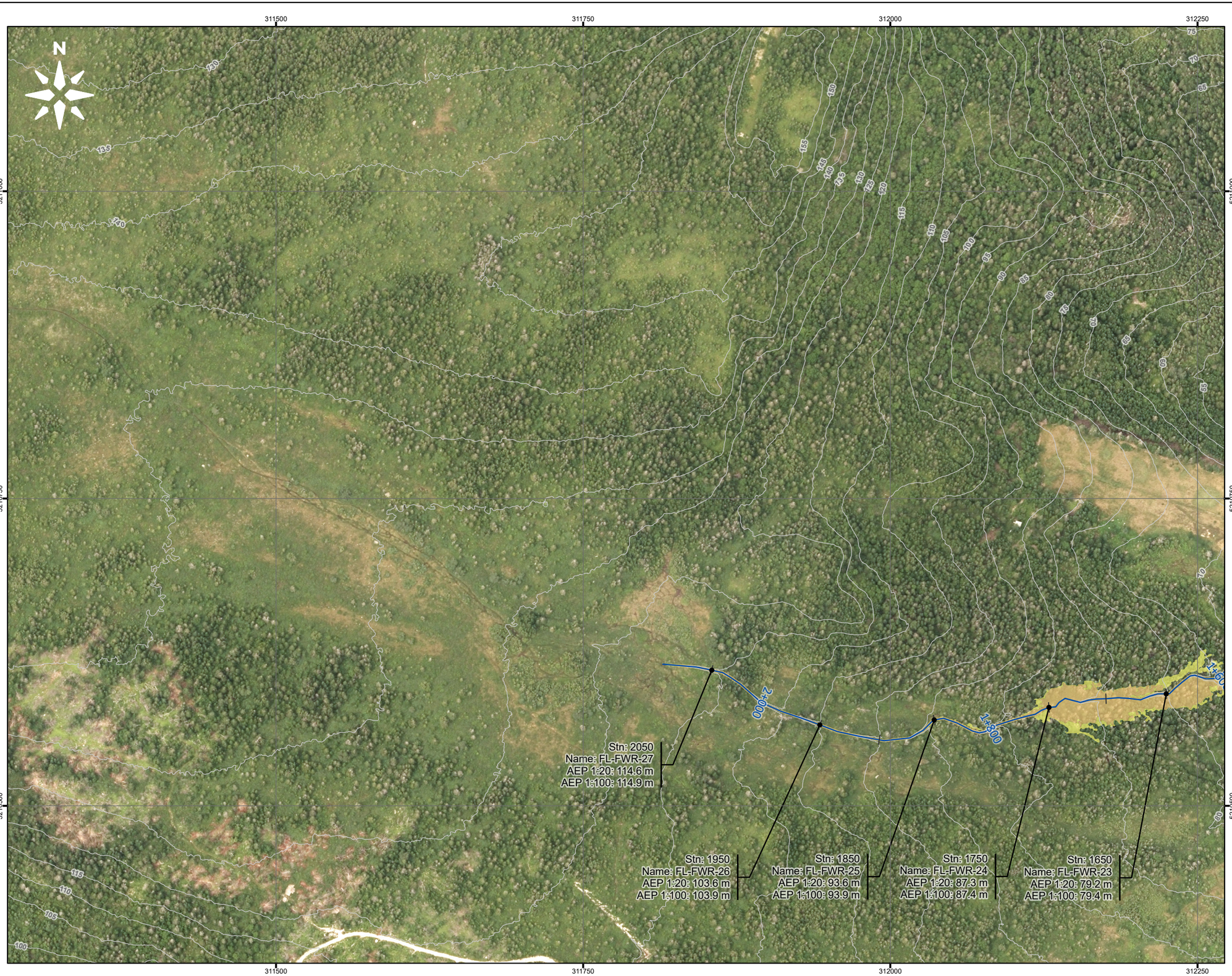
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

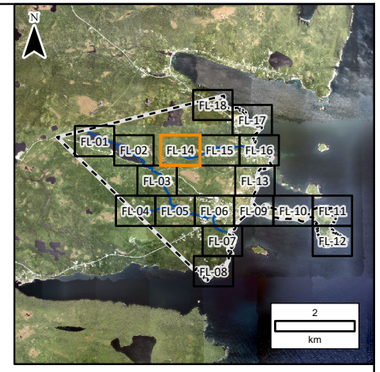
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-13

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-FWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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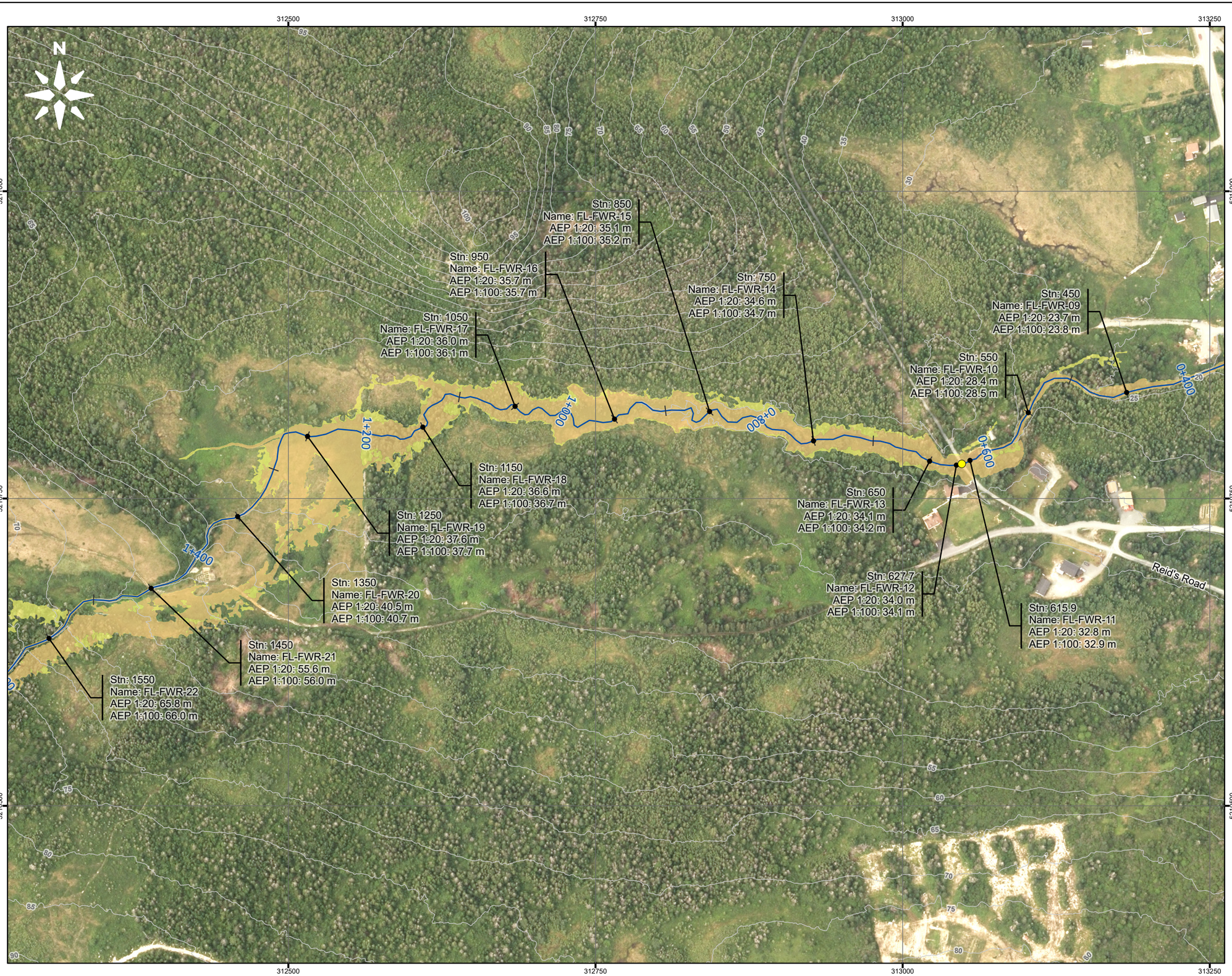
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

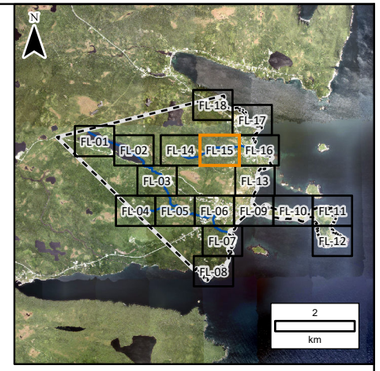
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-14

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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) AEP FLOOD ZONE - FL-15

DECEMBER 2025	FIGURE 1.2	REV: 0

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11"x17" PLOT SCALE 1:1

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313500 313750 314000 314250

5211000 5211000

5210750 5210750

5210500 5210500

N

Stn: 350
Name: FL-FWR-08
AEP 1:20: 18.4 m
AEP 1:100: 18.4 m

Stn: 250
Name: FL-FWR-07
AEP 1:20: 13.4 m
AEP 1:100: 13.5 m

Stn: 217.1
Name: FL-FWR-06
AEP 1:20: 12.6 m
AEP 1:100: 12.9 m

Stn: 188.6
Name: FL-FWR-05
AEP 1:20: 10.4 m
AEP 1:100: 10.5 m

Stn: 150
Name: FL-FWR-04
AEP 1:20: 7.9 m
AEP 1:100: 8.0 m

Stn: 121
Name: FL-FWR-03
AEP 1:20: 7.7 m
AEP 1:100: 7.8 m

Stn: 108.8
Name: FL-FWR-02
AEP 1:20: 5.2 m
AEP 1:100: 5.3 m

Stn: 50
Name: FL-FWR-01
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-05
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-06
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

FL-07
AEP 1:20: 1.4 m
AEP 1:100: 1.6 m

Freshwater Cove

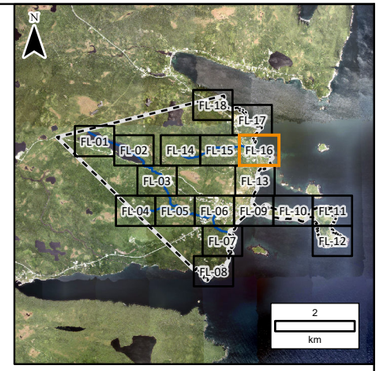
Caplin Cove

Bay Ridge Road

Bay Ridge

10 Highway

Sunnyhill Road



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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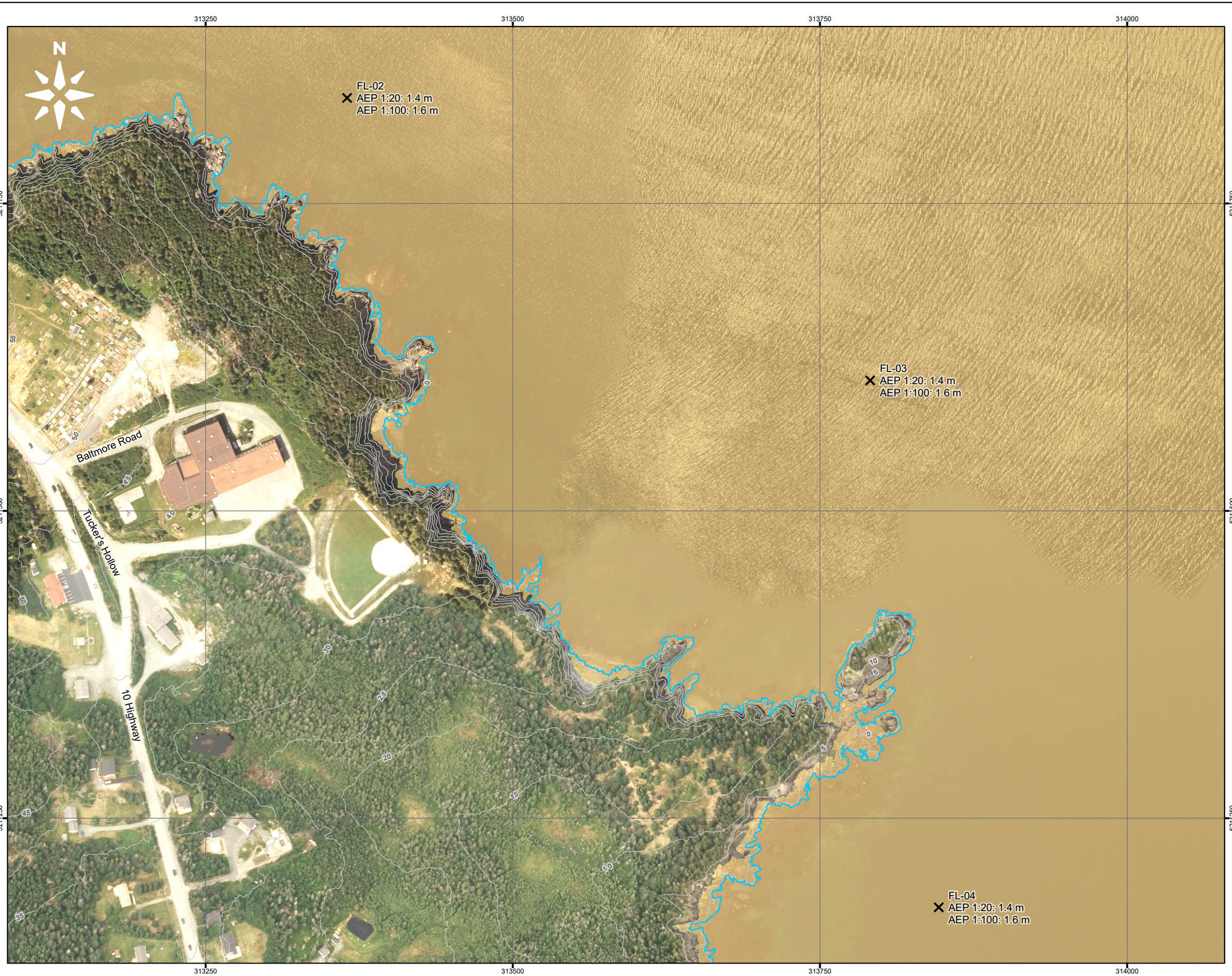
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

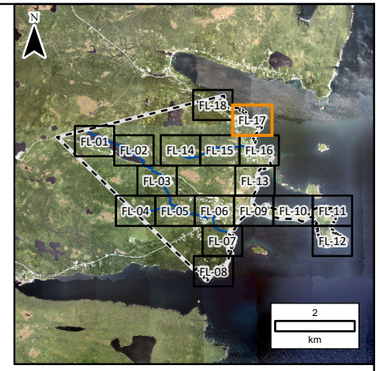
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-16

DECEMBER 2025 | FIGURE 1.2 | 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-Fig1.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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

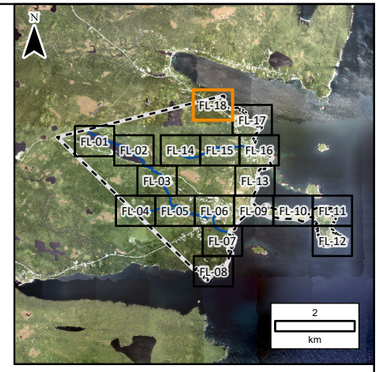
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - FL-17

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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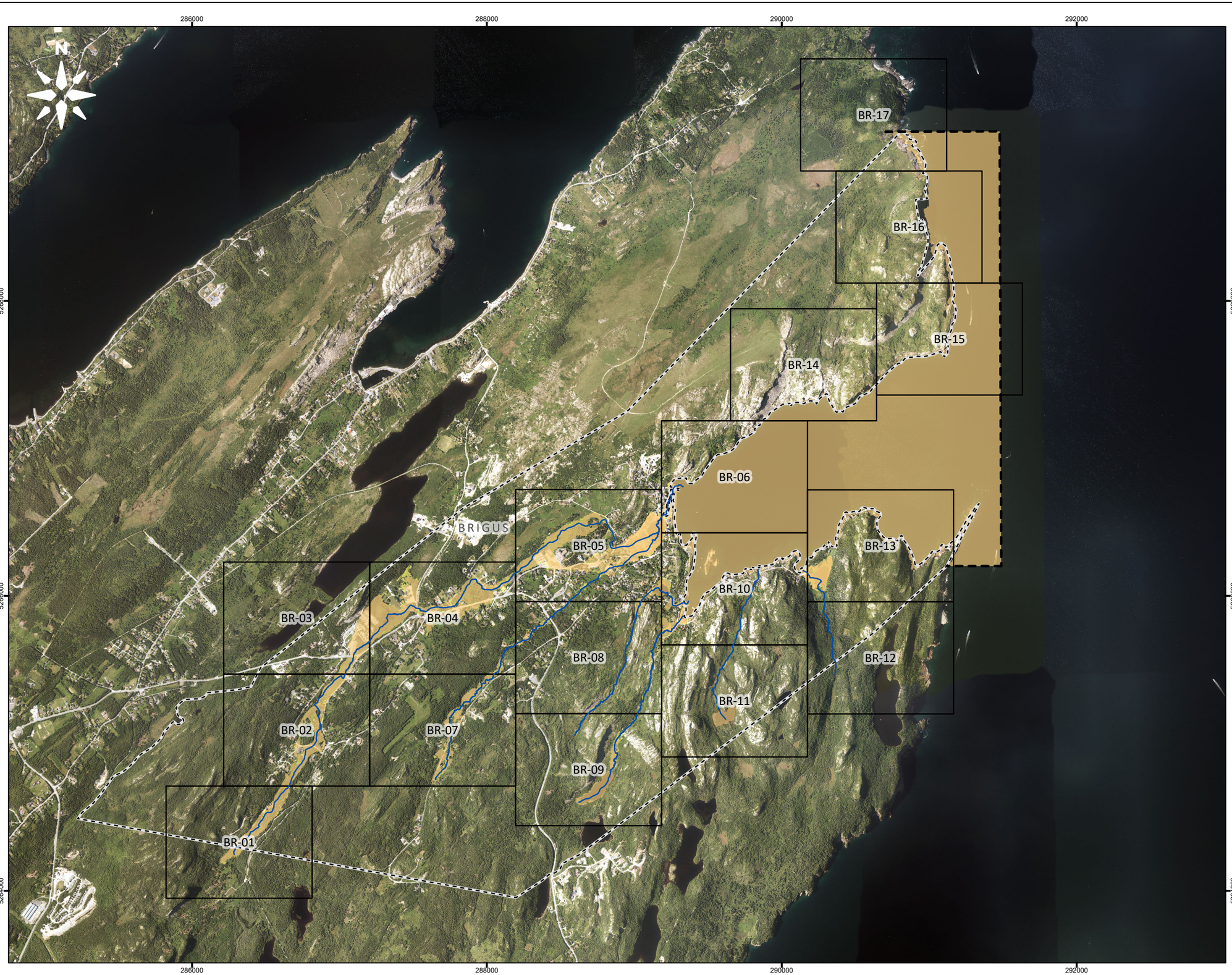
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - FL-18

DECEMBER 2025 | FIGURE 1.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- Limit of Mapping
- River/Creek Centreline
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

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

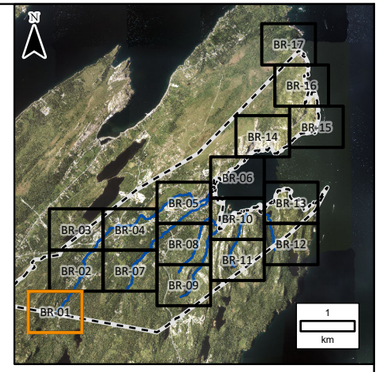
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 2.1 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

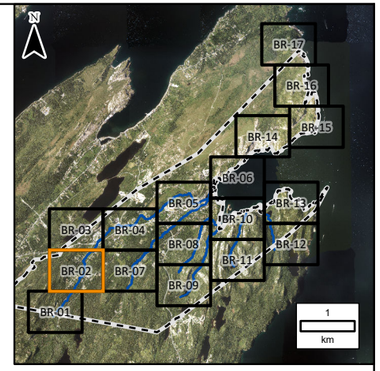
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-01

DECEMBER 2025	FIGURE 2.2	REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

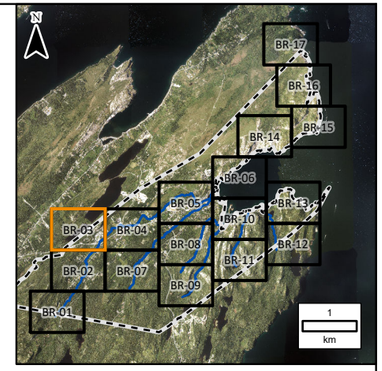
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-02

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-FWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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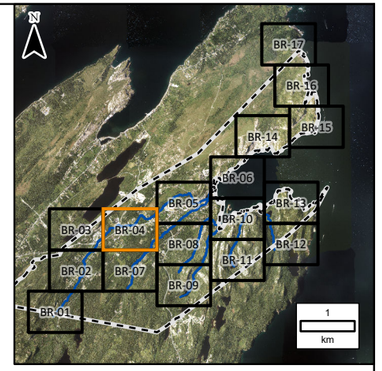
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-03

DECEMBER 2025	FIGURE 2.2	REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

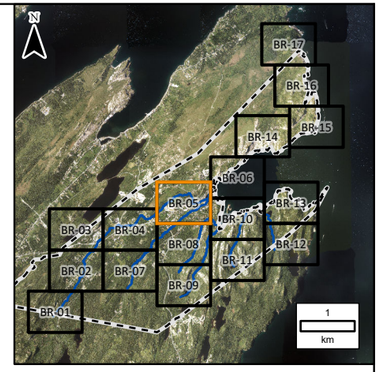
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-04

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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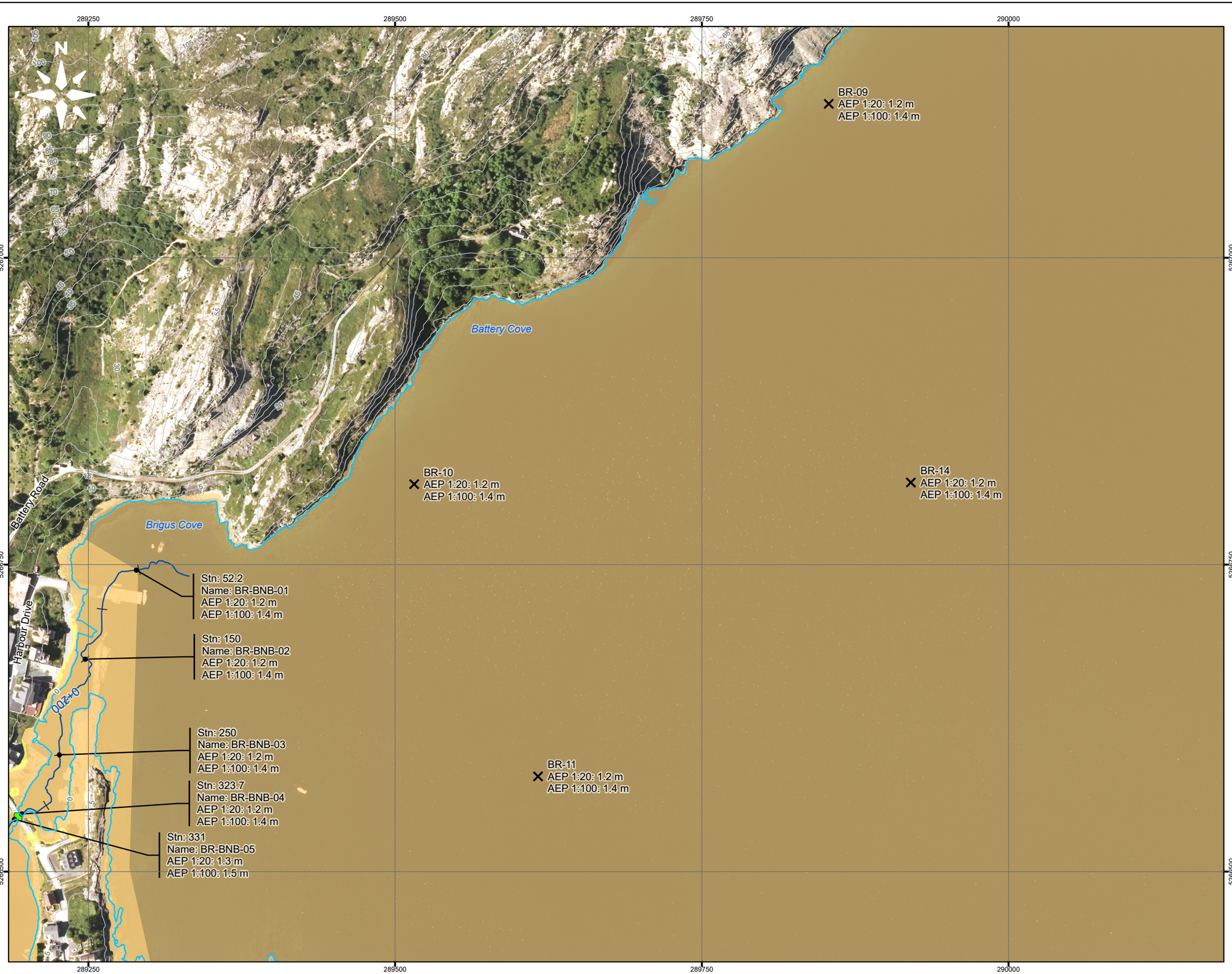
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

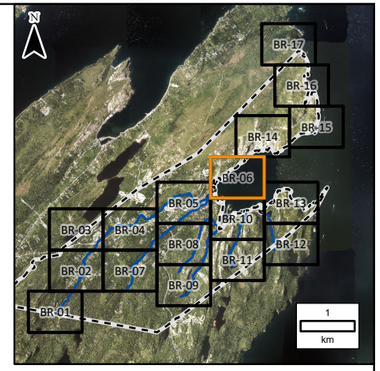
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-05

DECEMBER 2025 | FIGURE 2.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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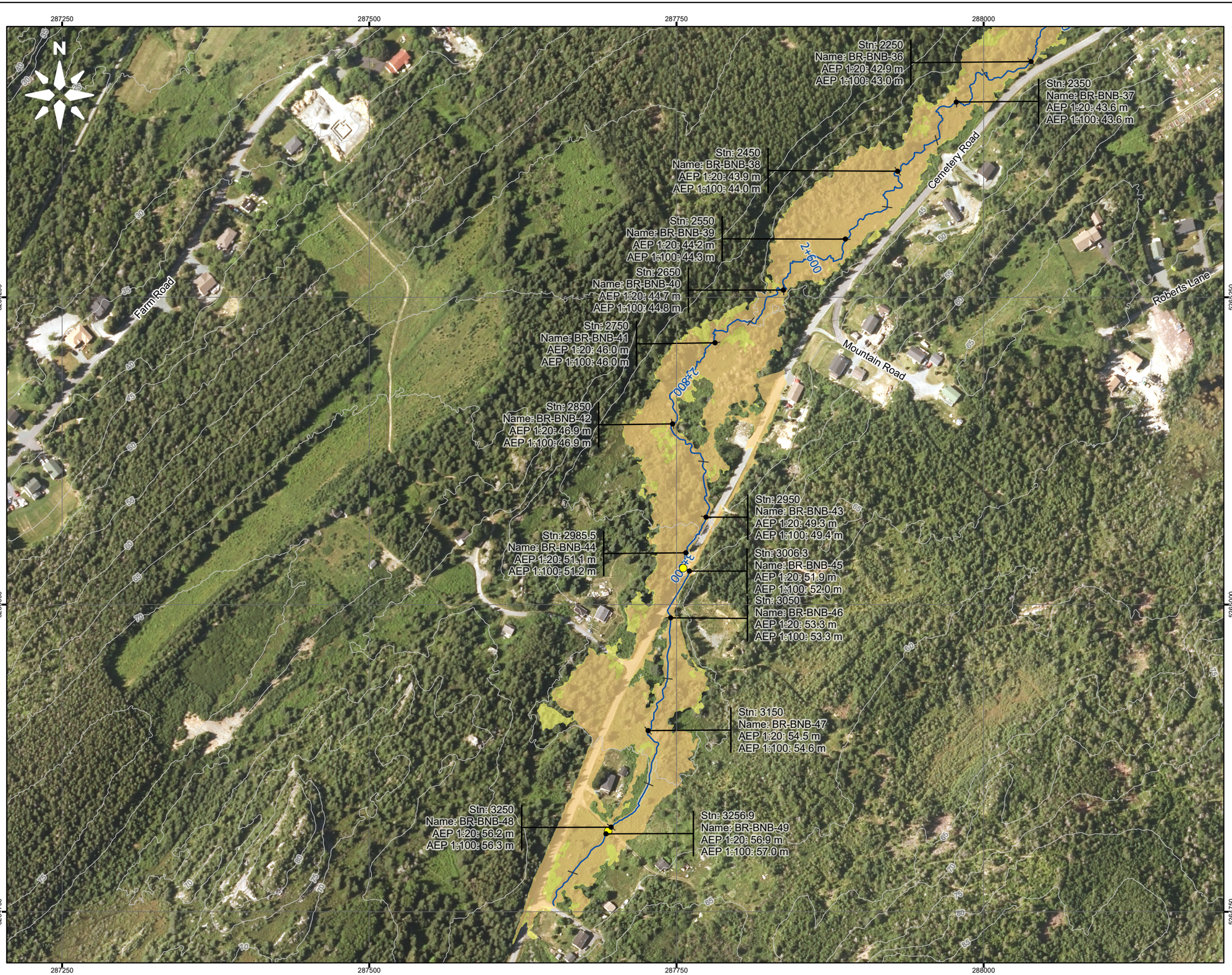
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

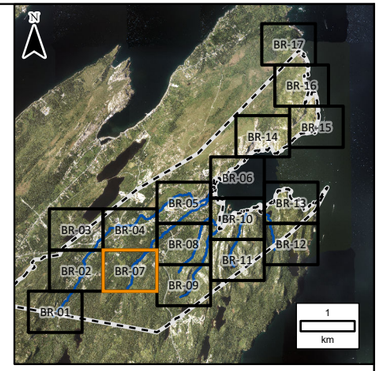
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-06

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-07

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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288250 288500 288750 289000

5265750 5265500 5265250

N

Stn: 1650
Name: BR-BNB-26
AEP 1:20: 22.8 m
AEP 1:100: 23.9 m

Stn: 1750
Name: BR-BNB-27
AEP 1:20: 25.7 m
AEP 1:100: 25.7 m

Stn: 1450
Name: BR-BNB-23
AEP 1:20: 13.6 m
AEP 1:100: 13.7 m

Stn: 1550
Name: BR-BNB-24
AEP 1:20: 19.3 m
AEP 1:100: 19.4 m

Stn: 1574.6
Name: BR-BNB-25
AEP 1:20: 22.4 m
AEP 1:100: 23.9 m

Stn: 1828
Name: BR-BNB-28
AEP 1:20: 31.5 m
AEP 1:100: 31.6 m

Stn: 1838.4
Name: BR-BNB-29
AEP 1:20: 32.1 m
AEP 1:100: 32.2 m

Stn: 1850
Name: BR-BNB-30
AEP 1:20: 32.2 m
AEP 1:100: 32.2 m

Stn: 1903
Name: BR-BNB-31
AEP 1:20: 34.0 m
AEP 1:100: 34.1 m

Stn: 1909.4
Name: BR-BNB-32
AEP 1:20: 35.0 m
AEP 1:100: 35.0 m

Stn: 550
Name: BR-AB-18
AEP 1:20: 10.0 m
AEP 1:100: 10.0 m

Stn: 650
Name: BR-AB-19
AEP 1:20: 11.4 m
AEP 1:100: 11.5 m

Stn: 750
Name: BR-AB-20
AEP 1:20: 15.4 m
AEP 1:100: 15.4 m

Stn: 850
Name: BR-AB-21
AEP 1:20: 17.9 m
AEP 1:100: 18.0 m

Stn: 950
Name: BR-AB-22
AEP 1:20: 19.0 m
AEP 1:100: 19.0 m

Stn: 1050
Name: BR-AB-23
AEP 1:20: 26.0 m
AEP 1:100: 26.0 m

Stn: 1150
Name: BR-AB-24
AEP 1:20: 33.3 m
AEP 1:100: 33.4 m

Stn: 1250
Name: BR-AB-25
AEP 1:20: 36.7 m
AEP 1:100: 36.8 m

Stn: 1350
Name: BR-AB-26
AEP 1:20: 43.5 m
AEP 1:100: 43.6 m

Stn: 1450
Name: BR-AB-27
AEP 1:20: 45.7 m
AEP 1:100: 45.7 m

Stn: 250
Name: BR-LC1-04
AEP 1:20: 1.8 m
AEP 1:100: 1.9 m

Stn: 350
Name: BR-LC1-05
AEP 1:20: 8.3 m
AEP 1:100: 8.4 m

Stn: 450
Name: BR-LC1-06
AEP 1:20: 13.8 m
AEP 1:100: 13.9 m

Stn: 469.8
Name: BR-LC1-07
AEP 1:20: 15.3 m
AEP 1:100: 15.3 m

Stn: 482.9
Name: BR-LC1-08
AEP 1:20: 16.5 m
AEP 1:100: 16.6 m

Stn: 550
Name: BR-LC1-09
AEP 1:20: 22.9 m
AEP 1:100: 23.2 m

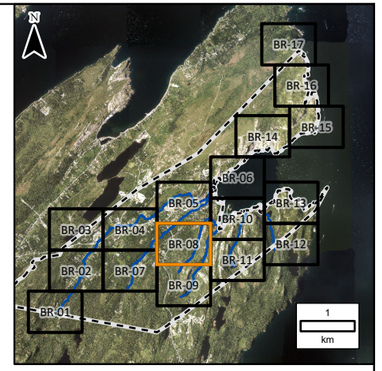
Stn: 650
Name: BR-LC1-10
AEP 1:20: 31.2 m
AEP 1:100: 31.3 m

Stn: 750
Name: BR-LC1-11
AEP 1:20: 38.2 m
AEP 1:100: 38.2 m

Stn: 850
Name: BR-LC1-12
AEP 1:20: 42.4 m
AEP 1:100: 42.5 m

0+800 1+000 1+200 1+400 0+600 0+400

Irishtown Road
Cooperage Lane
Conception Bay Highway
Roberts Lane



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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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)
AEP FLOOD ZONE - BR-08

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

288250 288500 288750 289000

5265000 5264750 5264500

N

Stn: 1550
Name: BR-AB-28
AEP 1:20: 49.8 m
AEP 1:100: 49.8 m

Stn: 1650
Name: BR-AB-29
AEP 1:20: 55.9 m
AEP 1:100: 56.0 m

Stn: 950
Name: BR-LC1-13
AEP 1:20: 50.9 m
AEP 1:100: 51.0 m

Stn: 1050
Name: BR-LC1-14
AEP 1:20: 61.2 m
AEP 1:100: 61.3 m

Stn: 1150
Name: BR-LC1-15
AEP 1:20: 69.5 m
AEP 1:100: 69.5 m

Stn: 1250
Name: BR-LC1-16
AEP 1:20: 70.7 m
AEP 1:100: 70.8 m

Stn: 1350
Name: BR-LC1-17
AEP 1:20: 71.5 m
AEP 1:100: 71.5 m

Stn: 1450
Name: BR-LC1-18
AEP 1:20: 72.0 m
AEP 1:100: 72.1 m

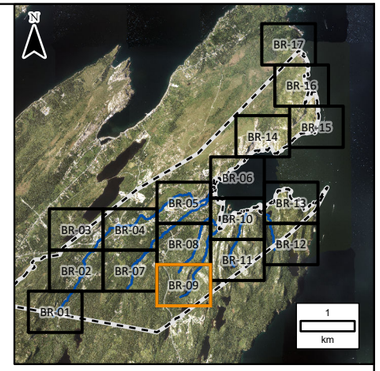
Stn: 1550
Name: BR-LC1-19
AEP 1:20: 72.3 m
AEP 1:100: 72.3 m

Stn: 1650
Name: BR-LC1-20
AEP 1:20: 72.3 m
AEP 1:100: 72.3 m

Stn: 1750
Name: BR-LC1-21
AEP 1:20: 72.3 m
AEP 1:100: 72.3 m

1+600 1+000 1+200 1+400 1+600 1+800

First Pond
Second Pond
Chalker's Pond
Conception Bay Highway



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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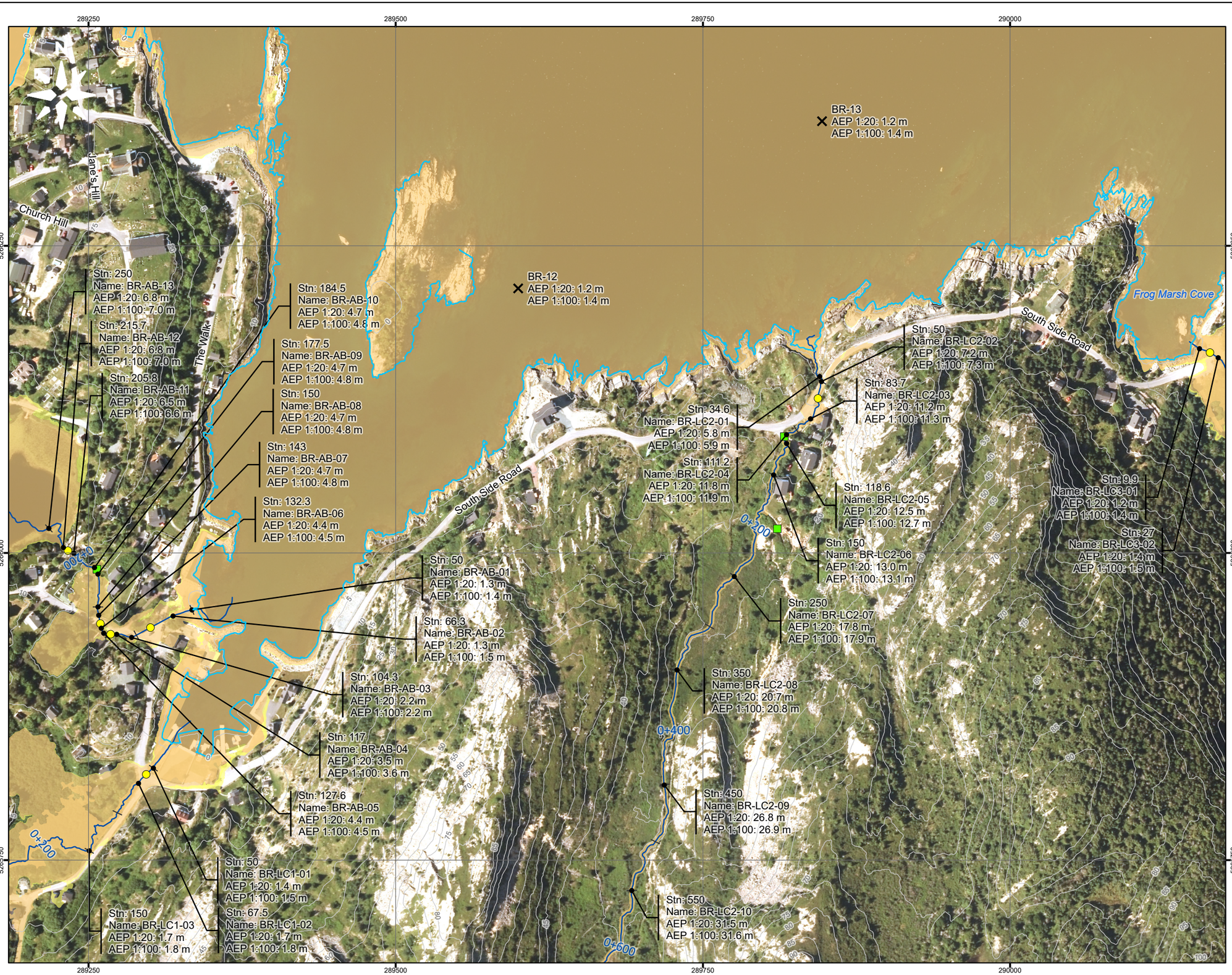
Newfoundland Labrador Canada

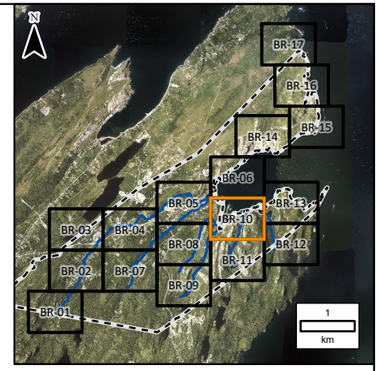
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-09

DECEMBER 2025 | FIGURE 2.2 | REV.: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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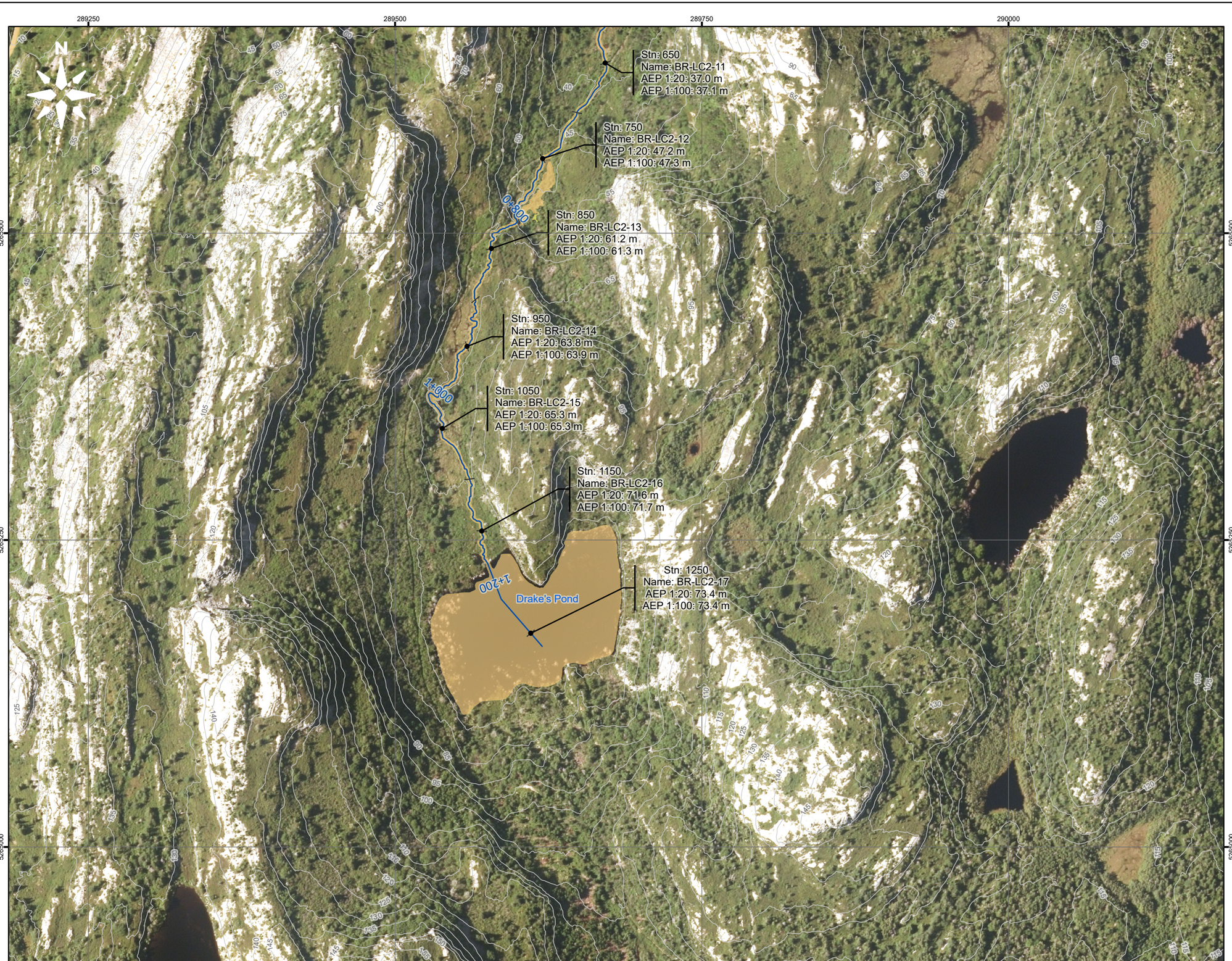
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

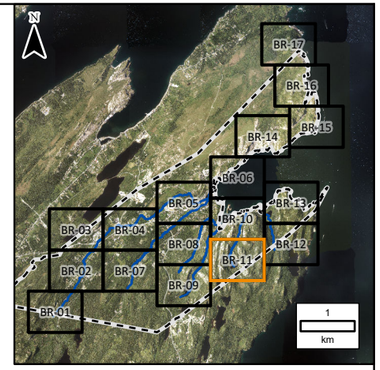
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-10

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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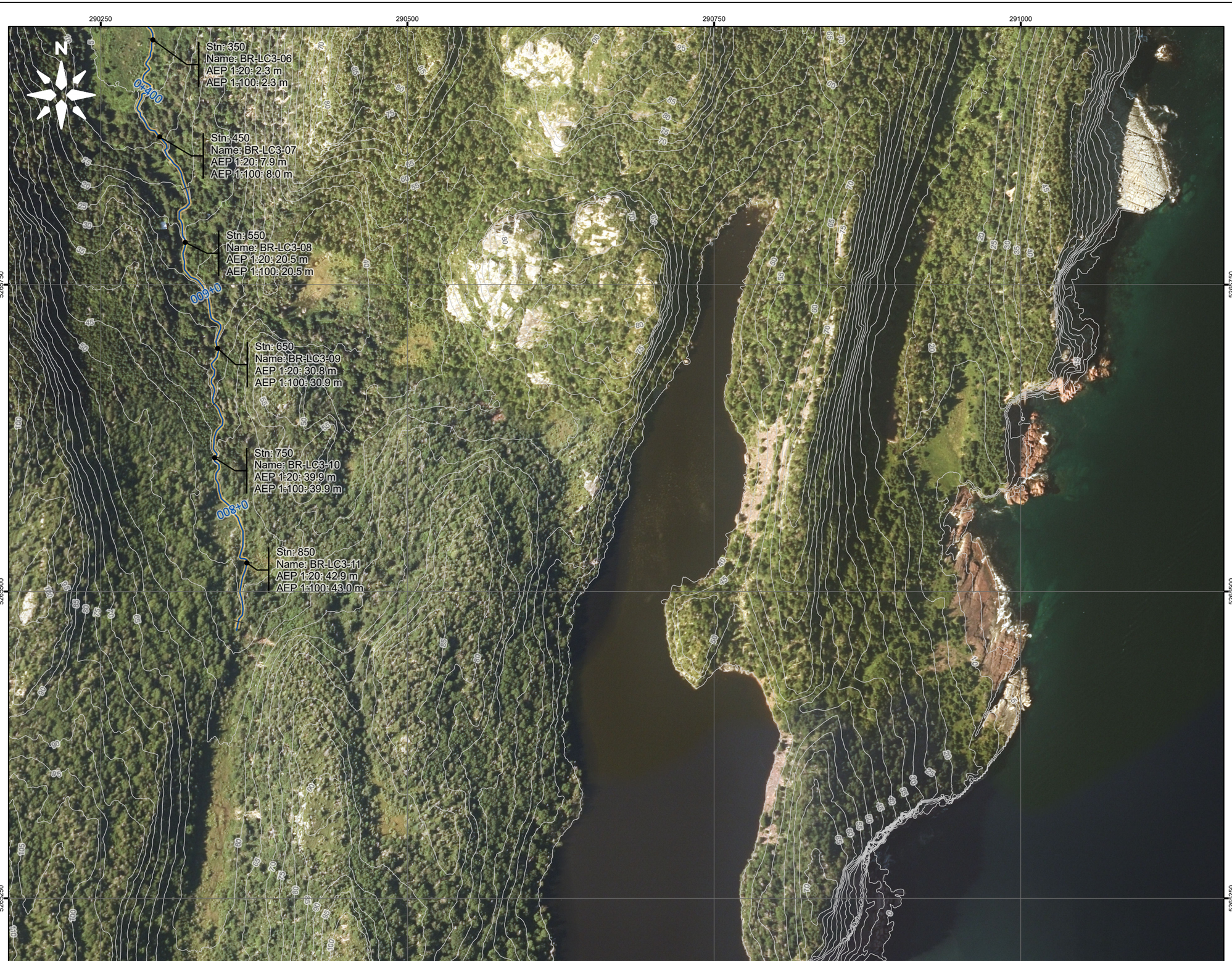
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

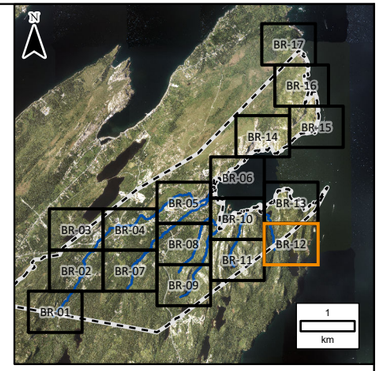
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-11

DECEMBER 2025	FIGURE 2.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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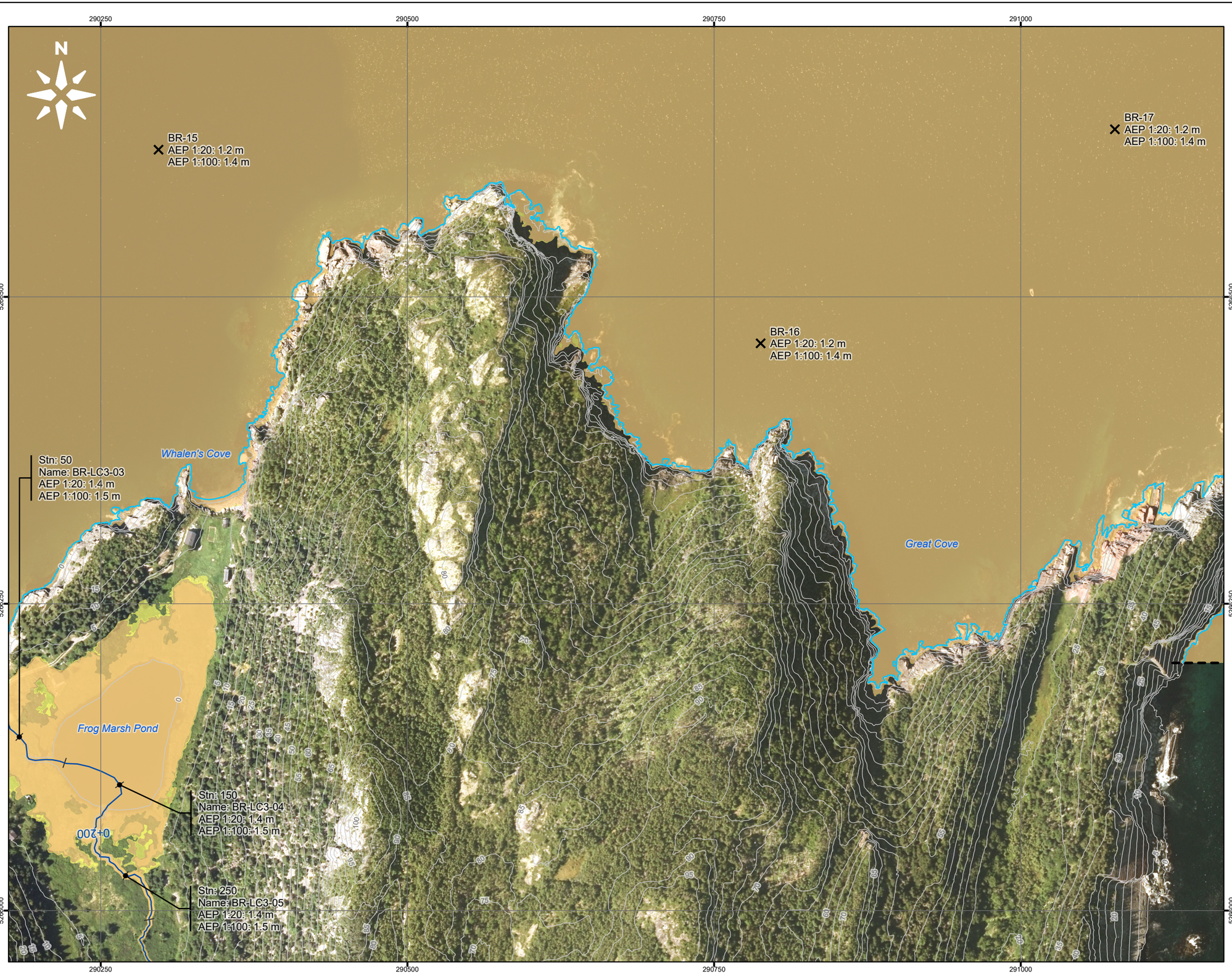
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

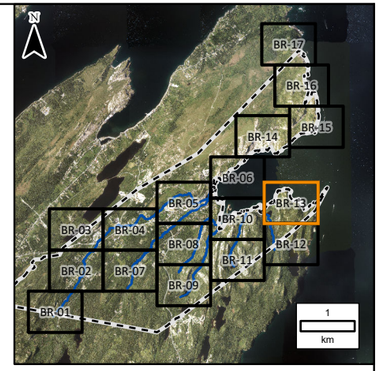
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-12

DECEMBER 2025	FIGURE 2.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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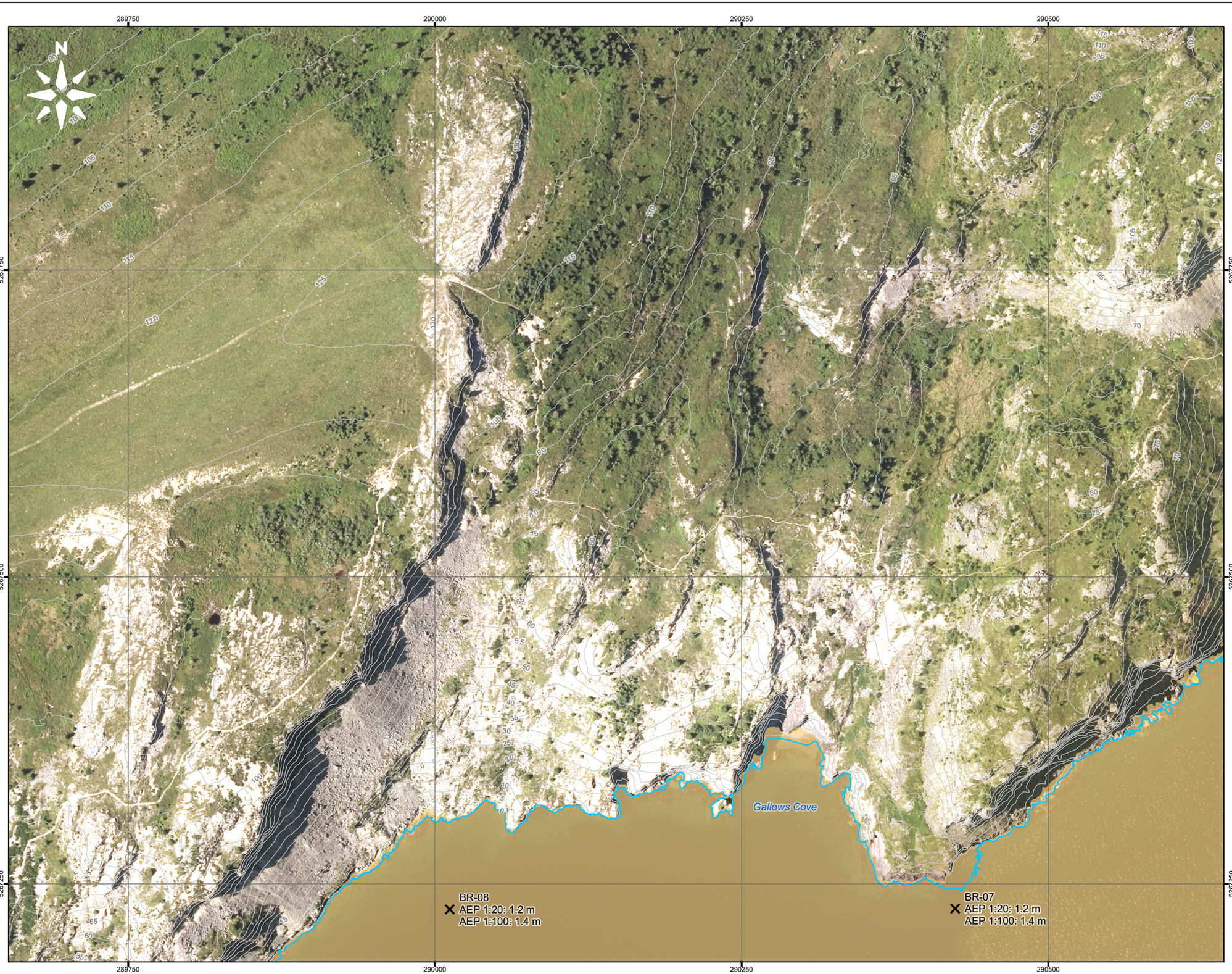
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

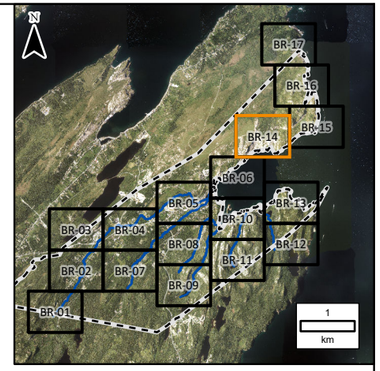
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-13

DECEMBER 2025 | FIGURE 2.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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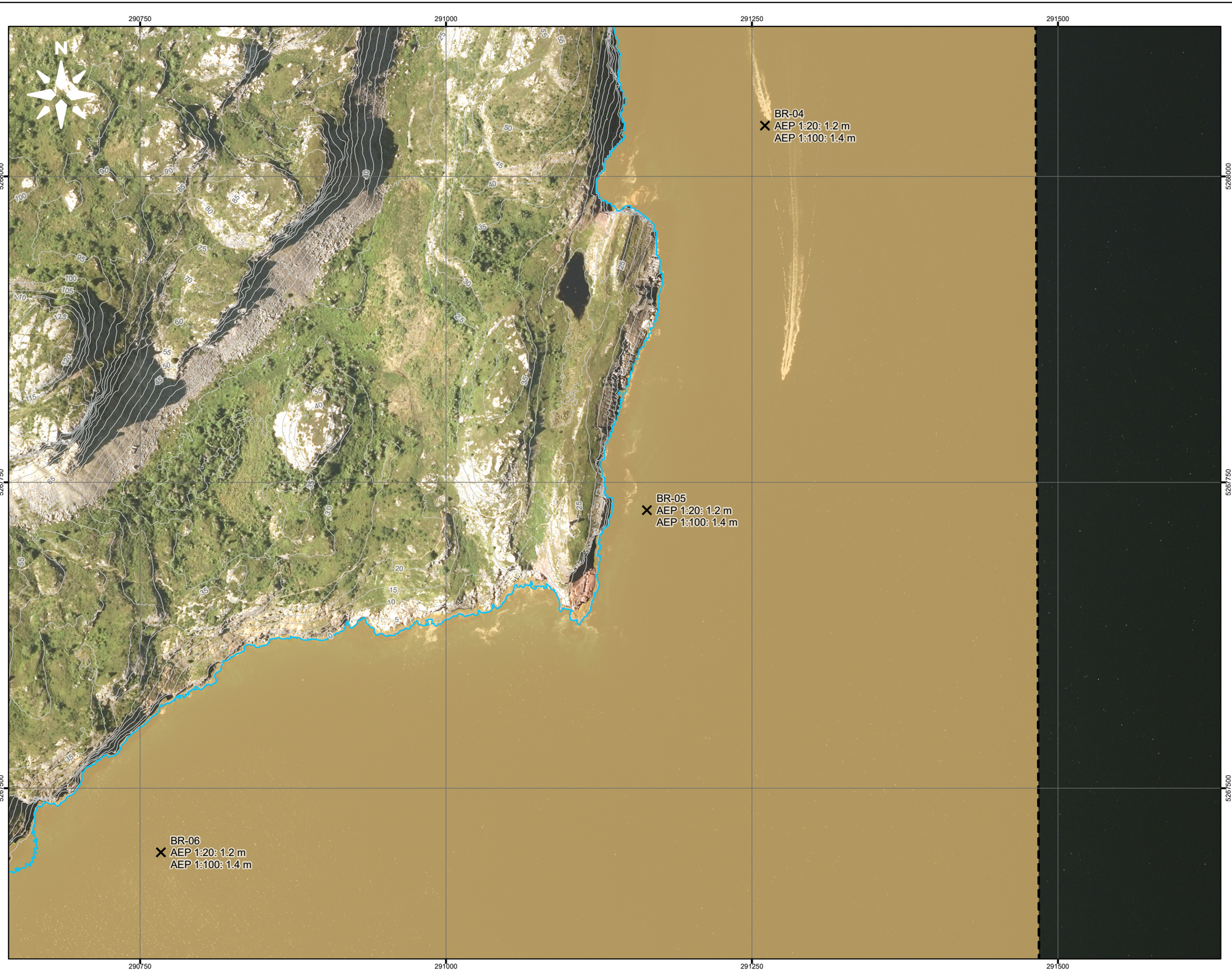
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

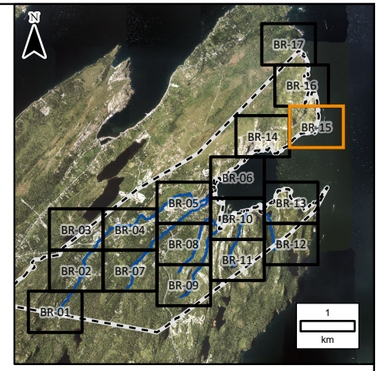
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-14

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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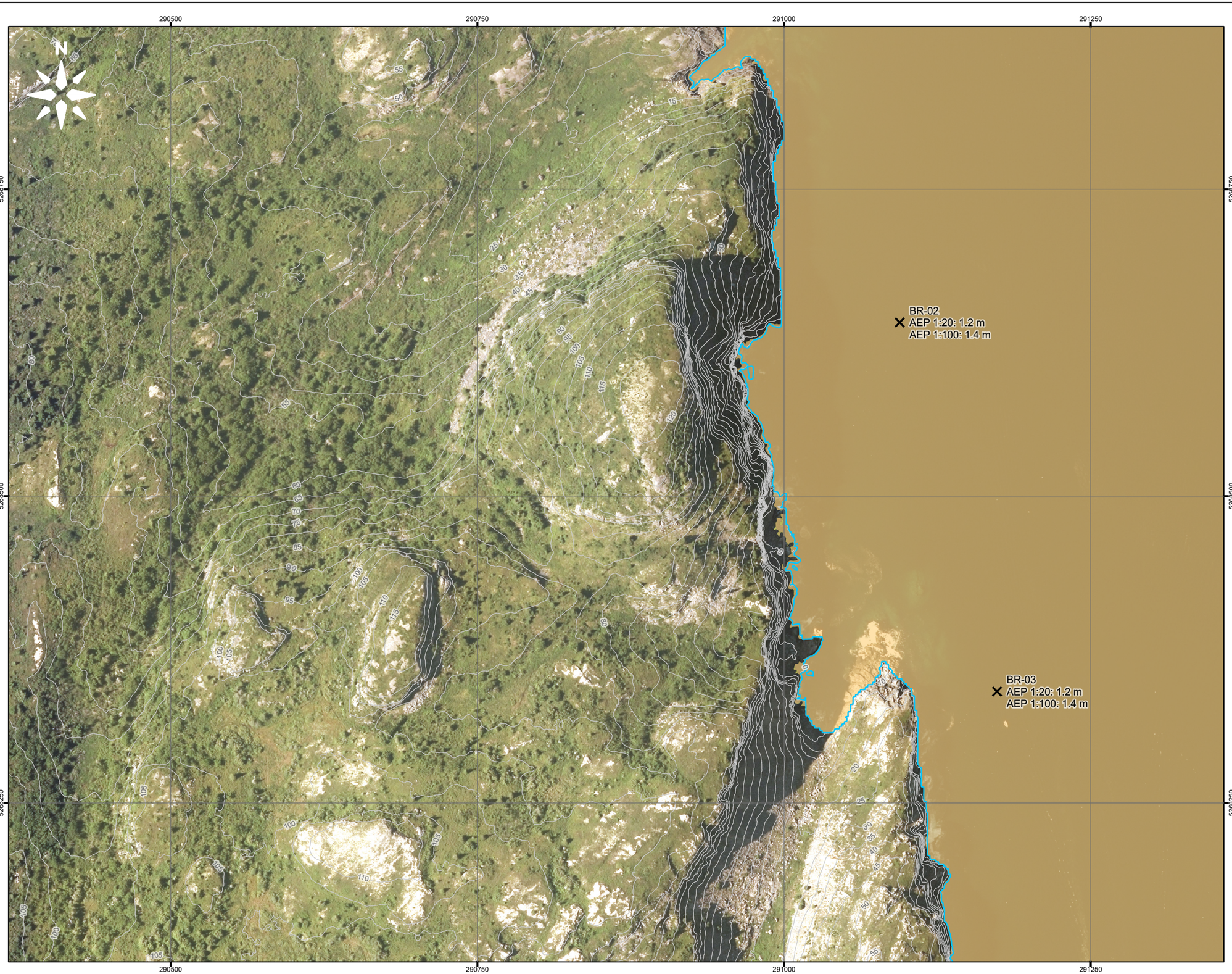
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

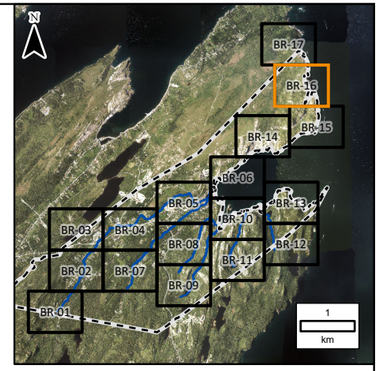
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-15

DECEMBER 2025 | FIGURE 2.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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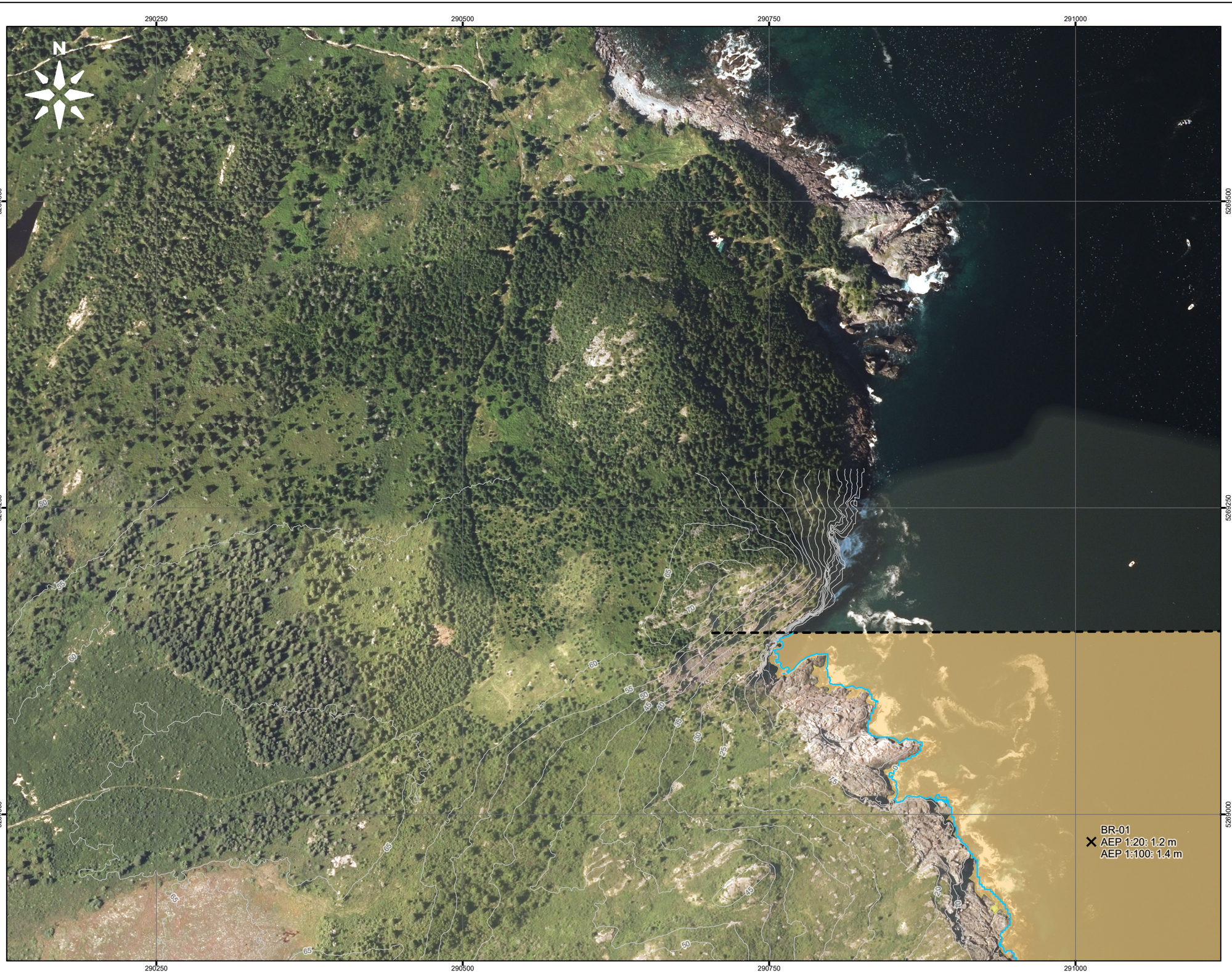
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

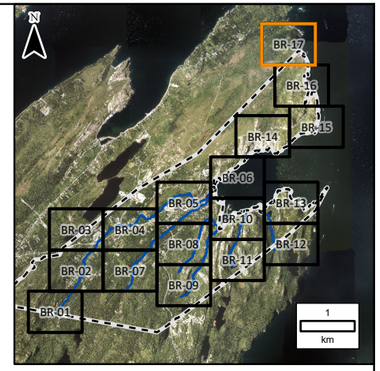
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - BR-16

DECEMBER 2025 | FIGURE 2.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-FWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
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20 0 20 40 60 80 100
Metres

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).

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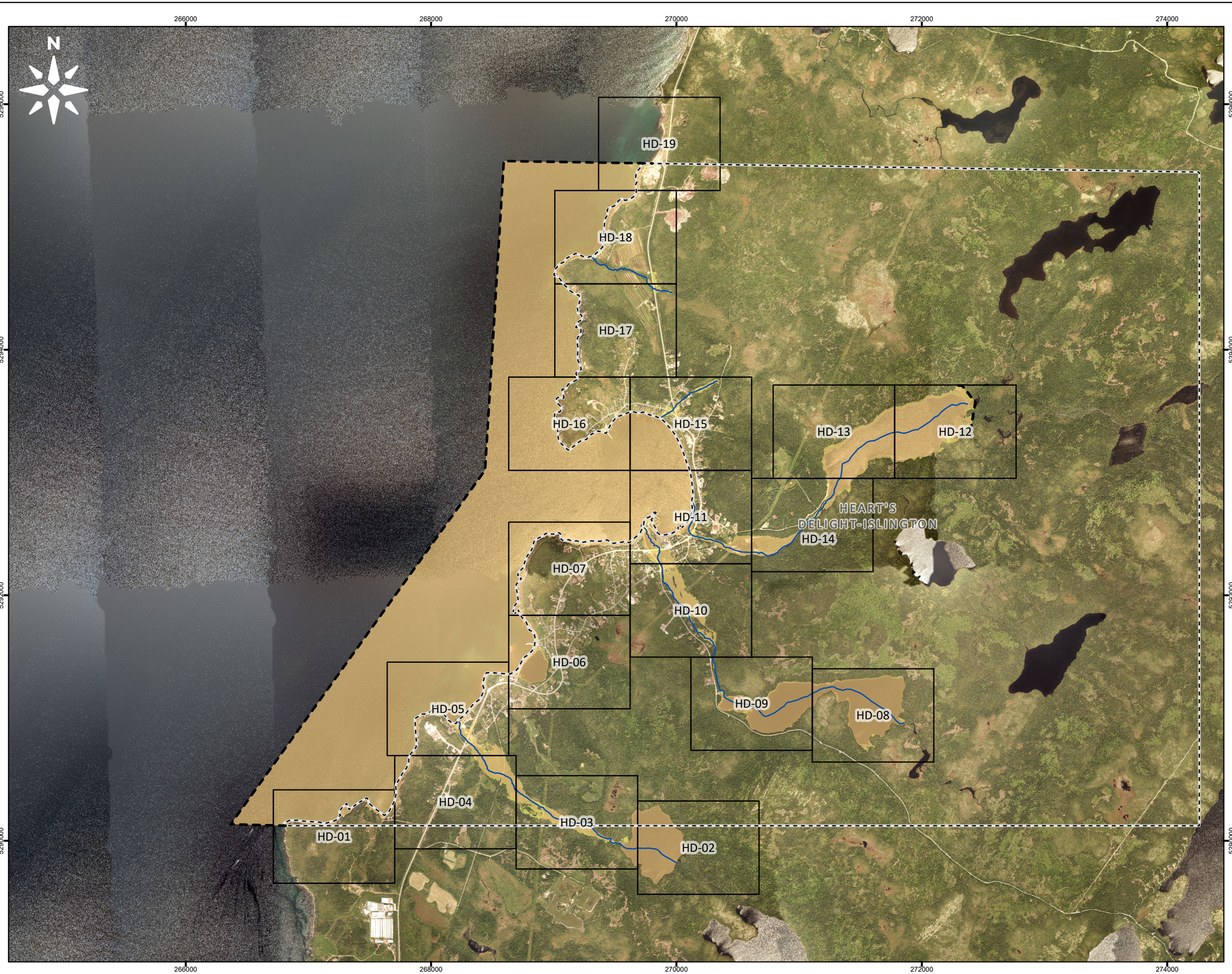
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - BR-17

DECEMBER 2025 | FIGURE 2.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Brigus Inundation Mapping\Brigus Inundation Mapping.aprx 22-3217-002-Fig2.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

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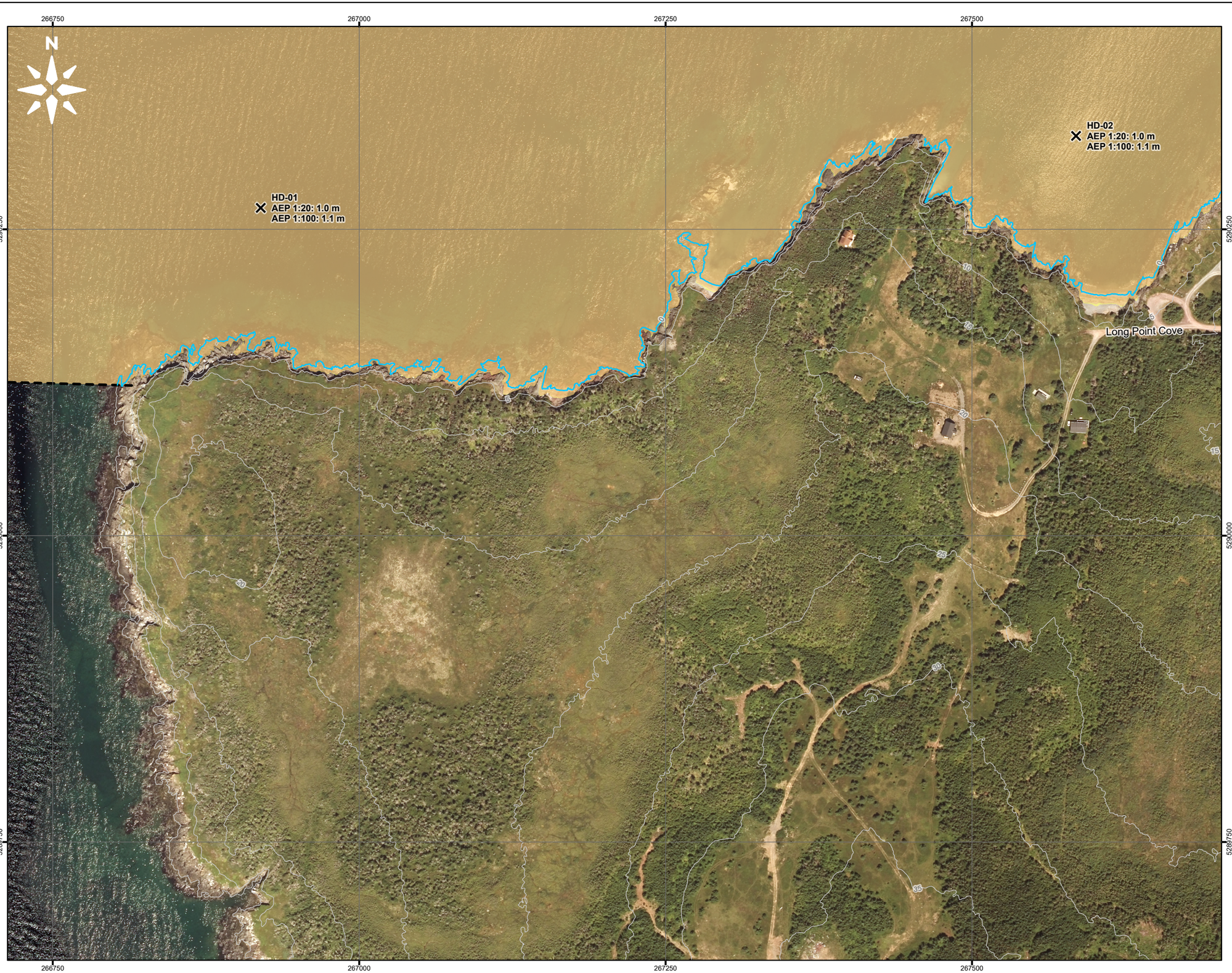
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

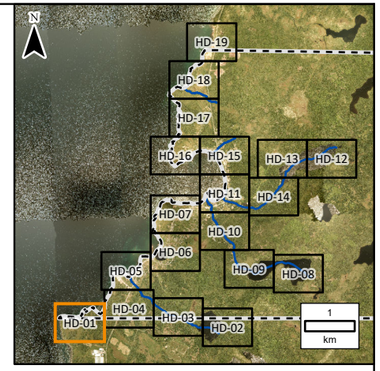
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 5.1 | REV: 0

FileName: P:\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-Fig5.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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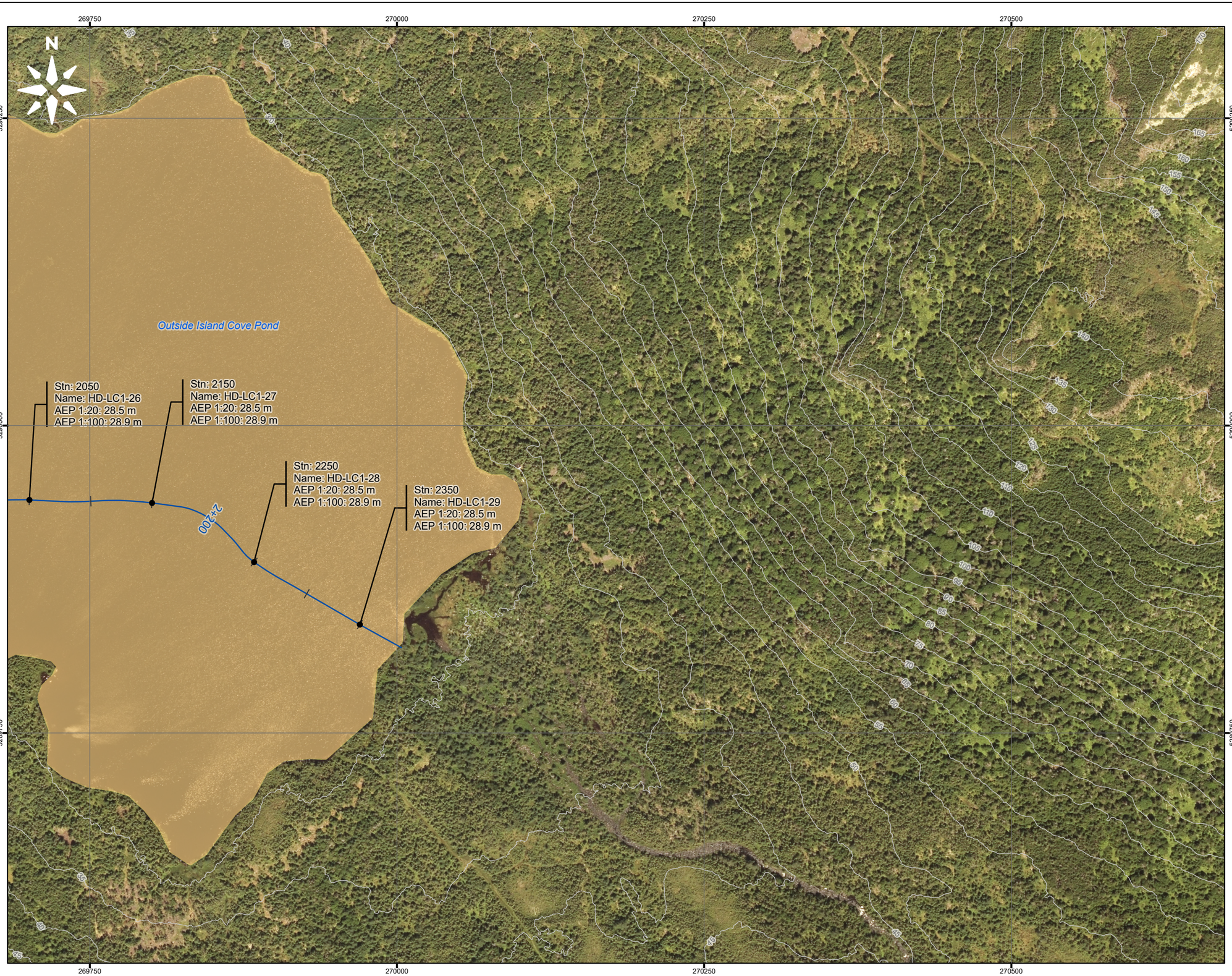
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

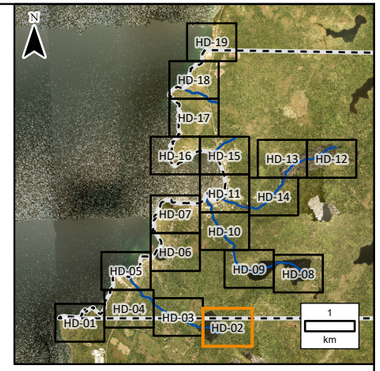
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-01

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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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)
AEP FLOOD ZONE - HD-02

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.2
11"x17" PLOT SCALE 1:1

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268750 269000 269250 269500

5290500 5290250 5290000

N

Stn: 850
Name: HD-LC1-14
AEP 1:20: 7.7 m
AEP 1:100: 7.8 m

Stn: 950
Name: HD-LC1-15
AEP 1:20: 9.7 m
AEP 1:100: 9.8 m

Stn: 1050
Name: HD-LC1-16
AEP 1:20: 11.7 m
AEP 1:100: 11.9 m

Stn: 1150
Name: HD-LC1-17
AEP 1:20: 13.9 m
AEP 1:100: 14.1 m

Stn: 1250
Name: HD-LC1-18
AEP 1:20: 15.6 m
AEP 1:100: 15.7 m

Stn: 1350
Name: HD-LC1-19
AEP 1:20: 17.3 m
AEP 1:100: 17.4 m

Stn: 1450
Name: HD-LC1-20
AEP 1:20: 18.6 m
AEP 1:100: 18.9 m

Stn: 1550
Name: HD-LC1-21
AEP 1:20: 20.8 m
AEP 1:100: 20.9 m

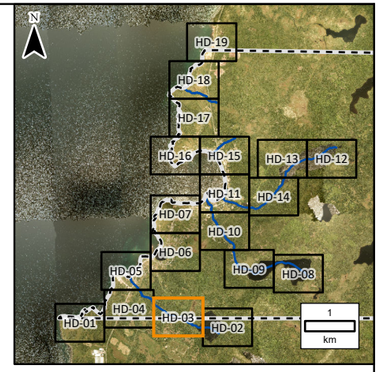
Stn: 1650
Name: HD-LC1-22
AEP 1:20: 23.1 m
AEP 1:100: 23.2 m

Stn: 1750
Name: HD-LC1-23
AEP 1:20: 25.7 m
AEP 1:100: 26.0 m

Stn: 1850
Name: HD-LC1-24
AEP 1:20: 28.2 m
AEP 1:100: 28.4 m

Stn: 1950
Name: HD-LC1-25
AEP 1:20: 28.5 m
AEP 1:100: 28.9 m

1+000 1+200 1+400 1+600 1+800 2+000



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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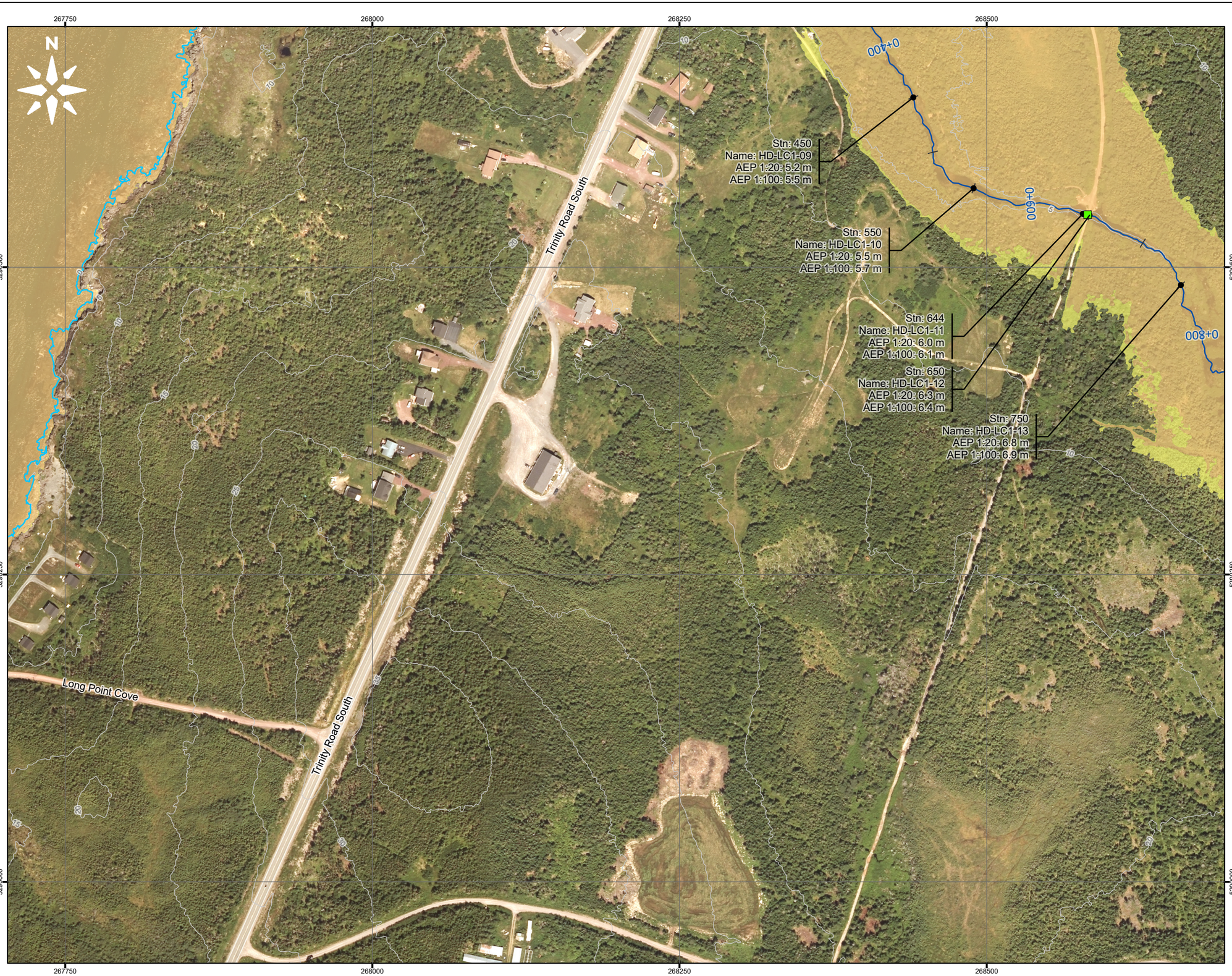
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

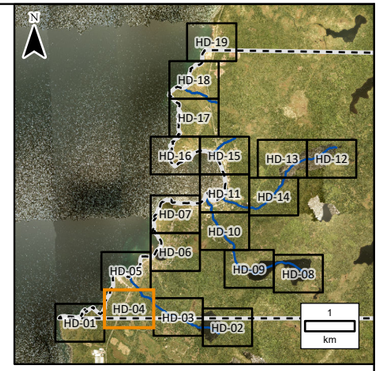
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-03

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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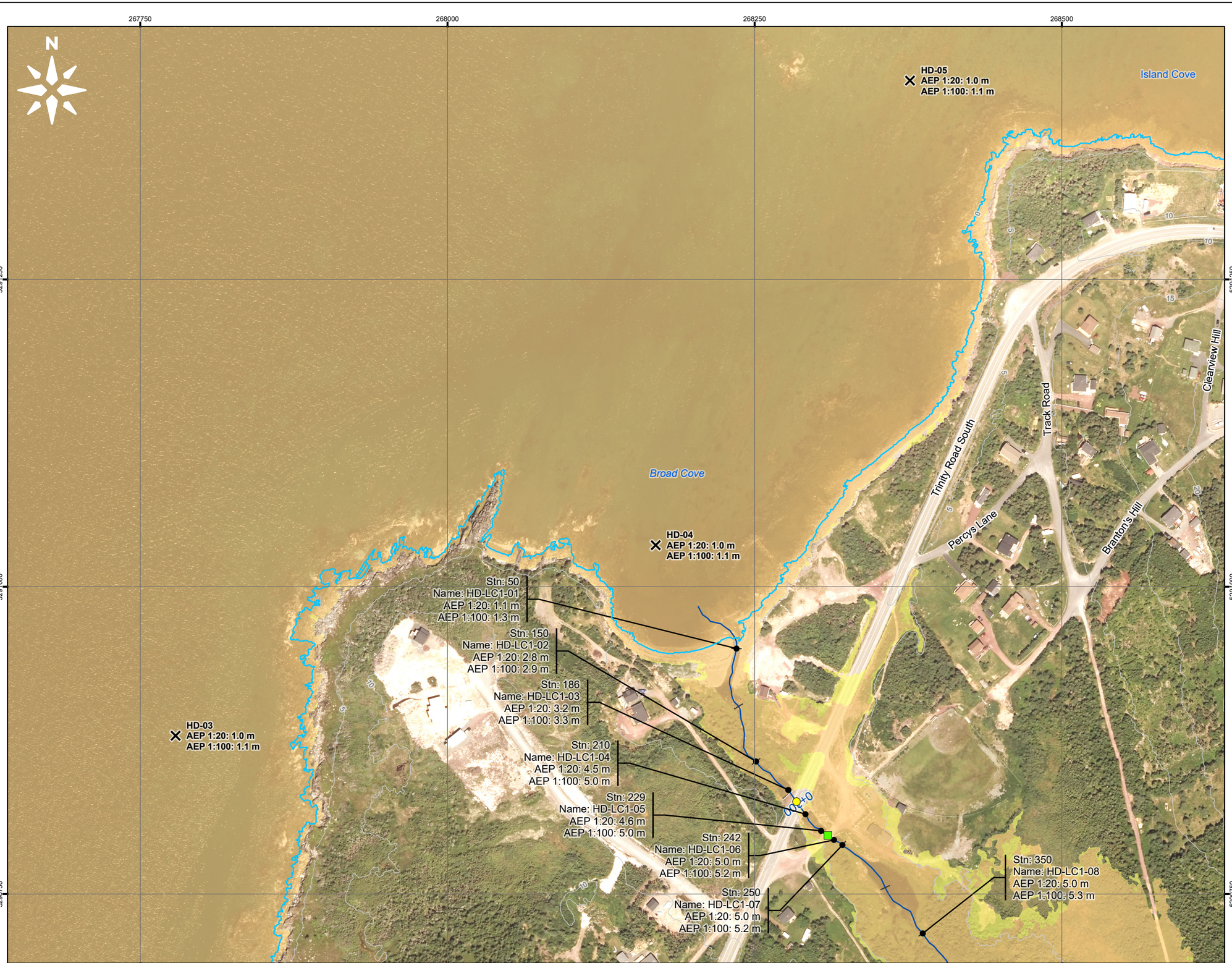
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

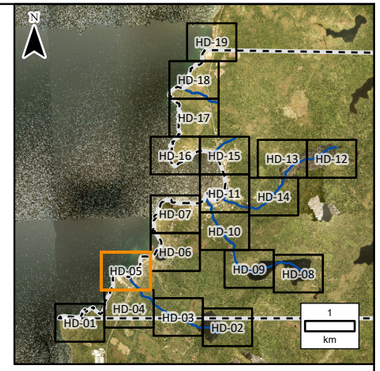
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-04

DECEMBER 2025	FIGURE 5.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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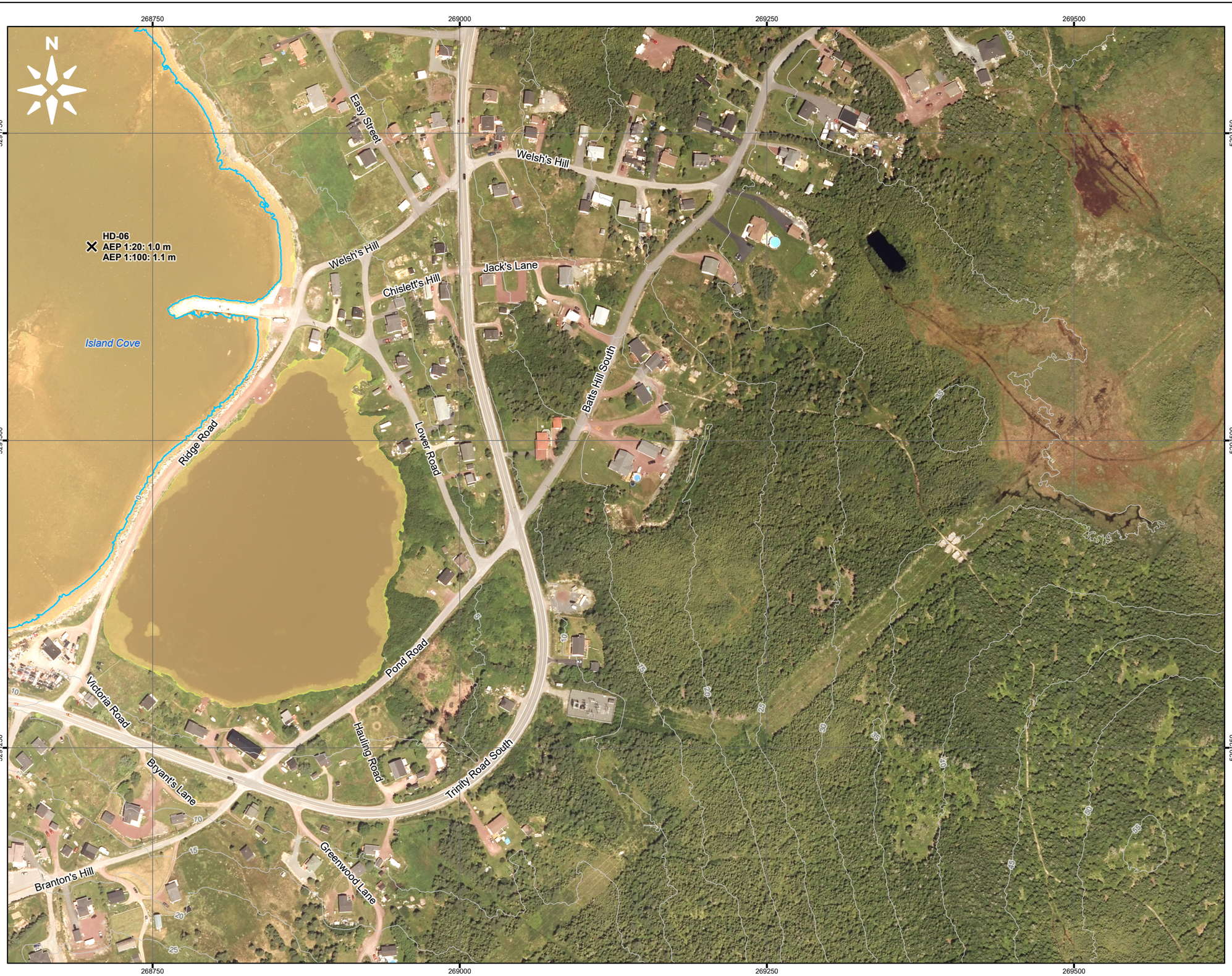
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

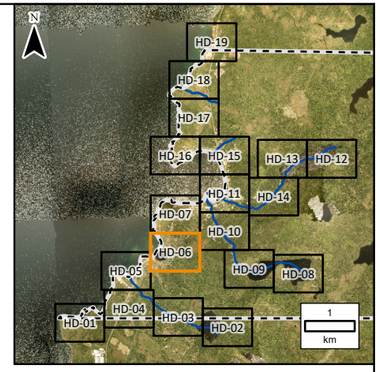
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-05

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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

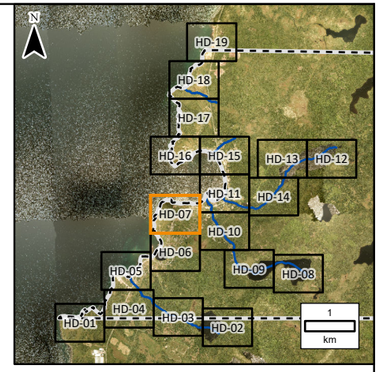
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-06

DECEMBER 2025	FIGURE 5.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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Metres

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

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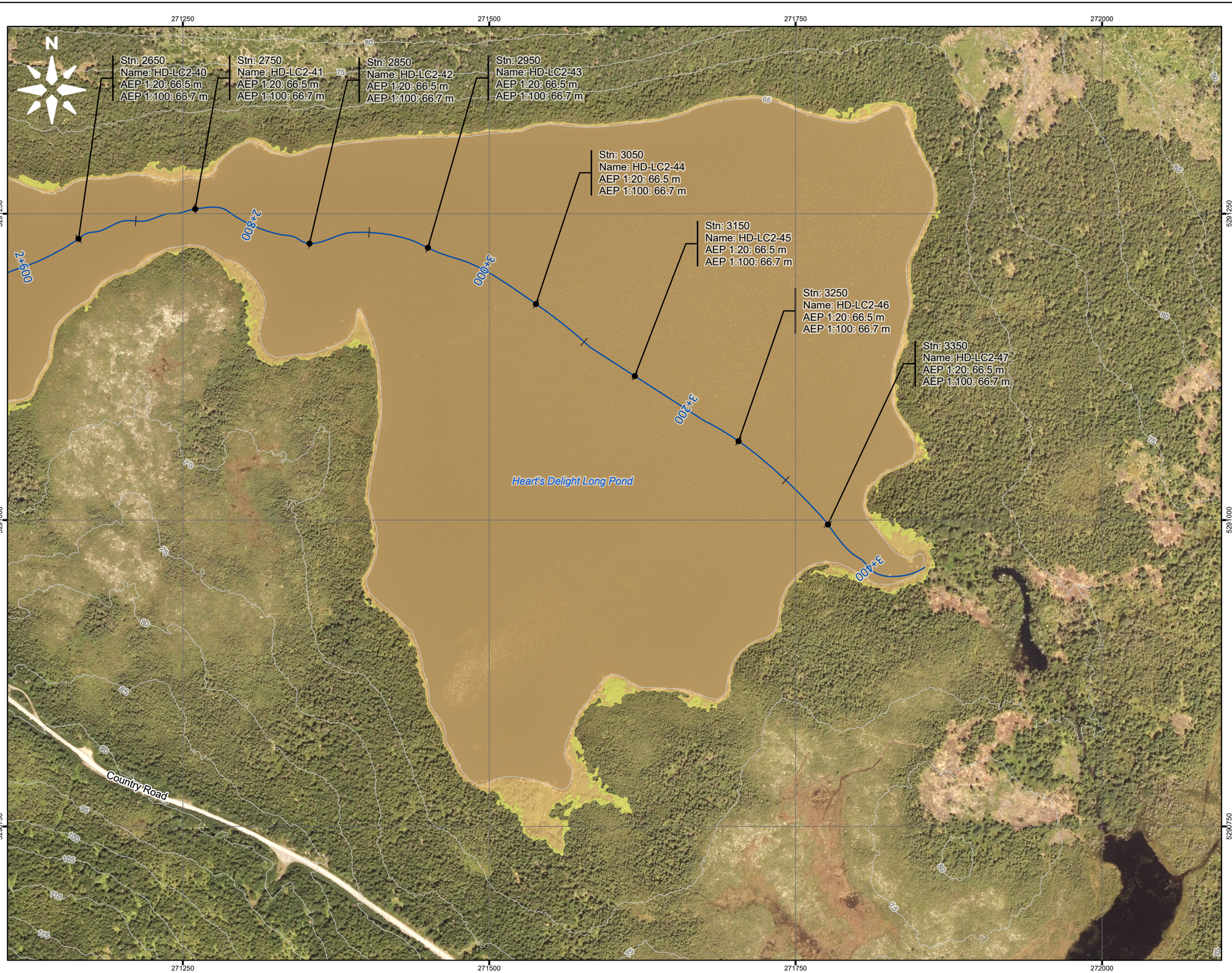
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

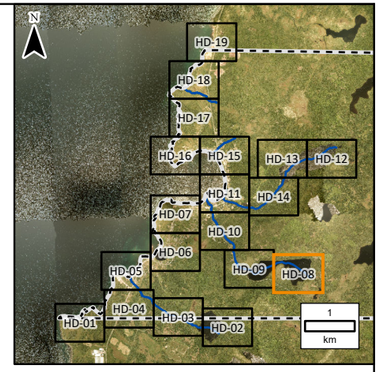
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-07

DECEMBER 2025	FIGURE 5.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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

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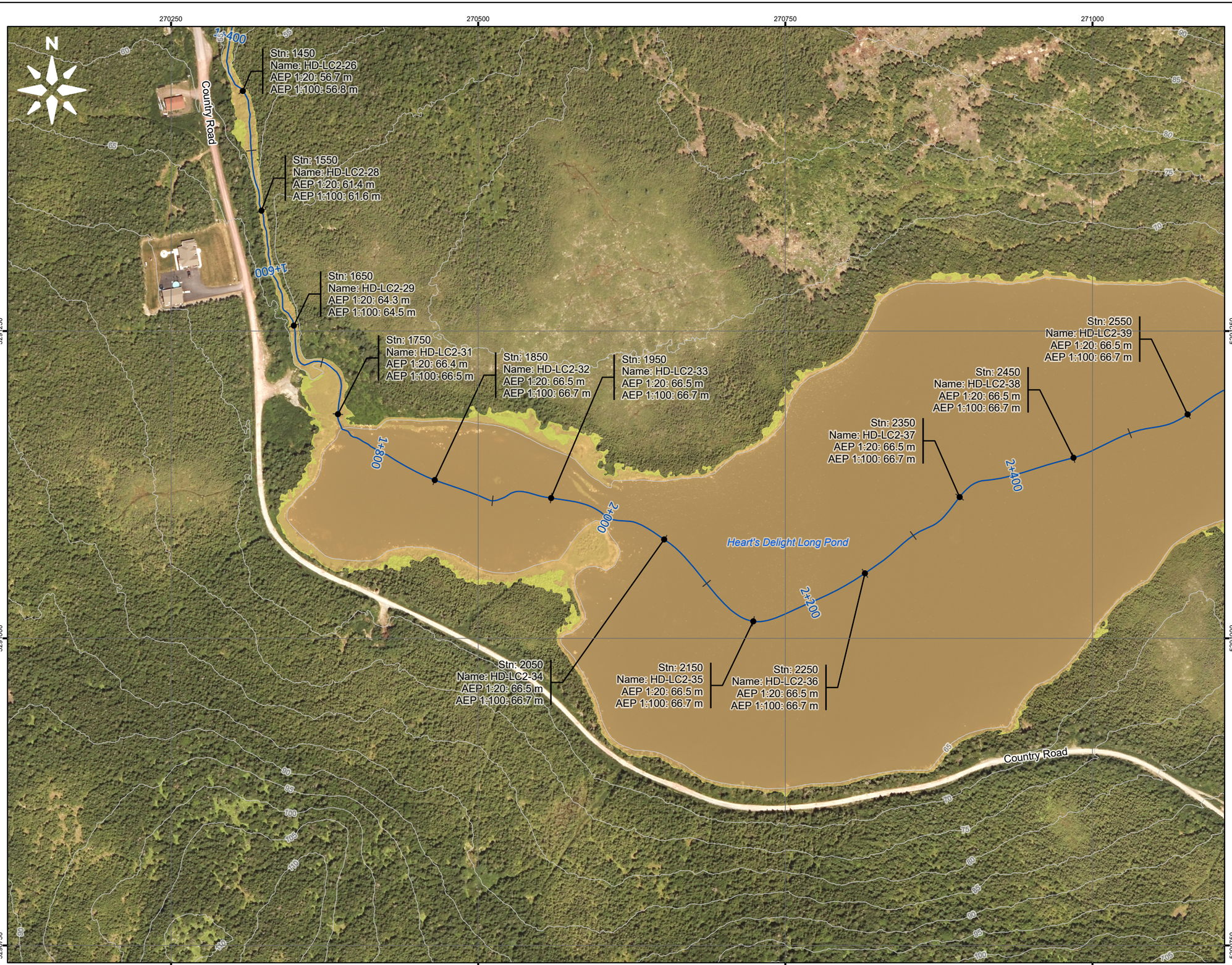
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

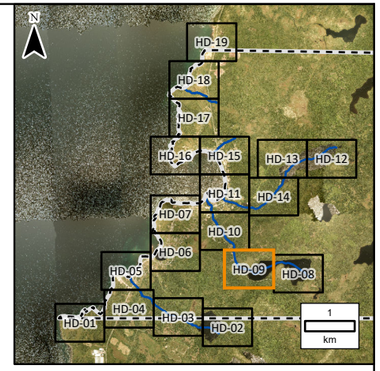
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-08

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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

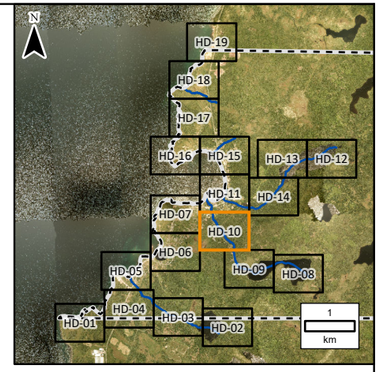
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-09

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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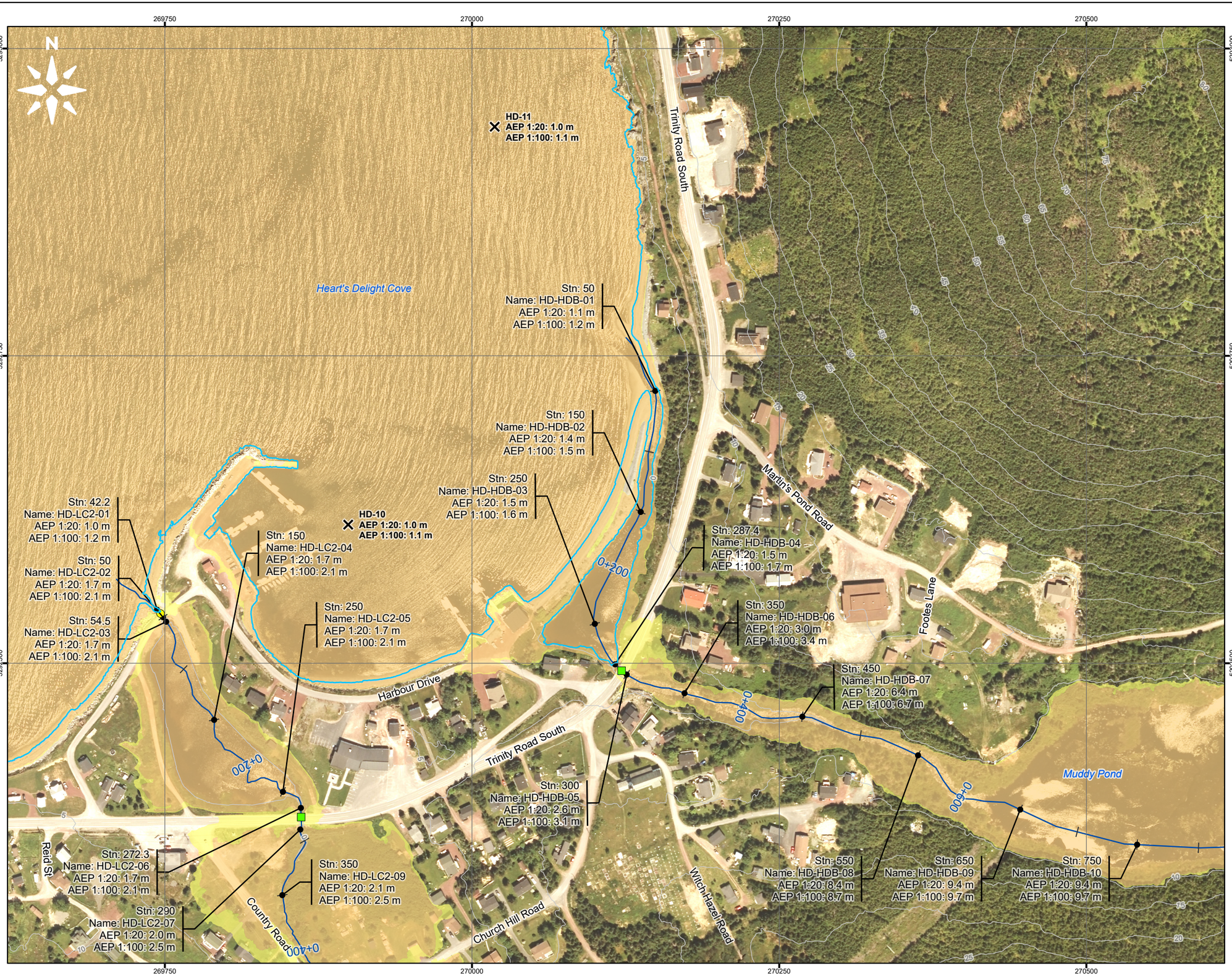
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

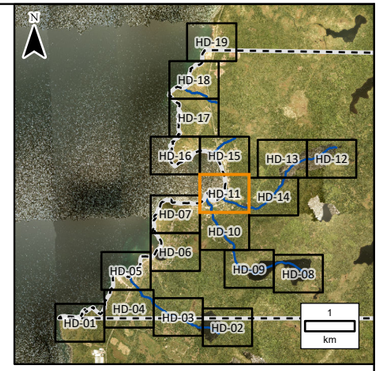
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-10

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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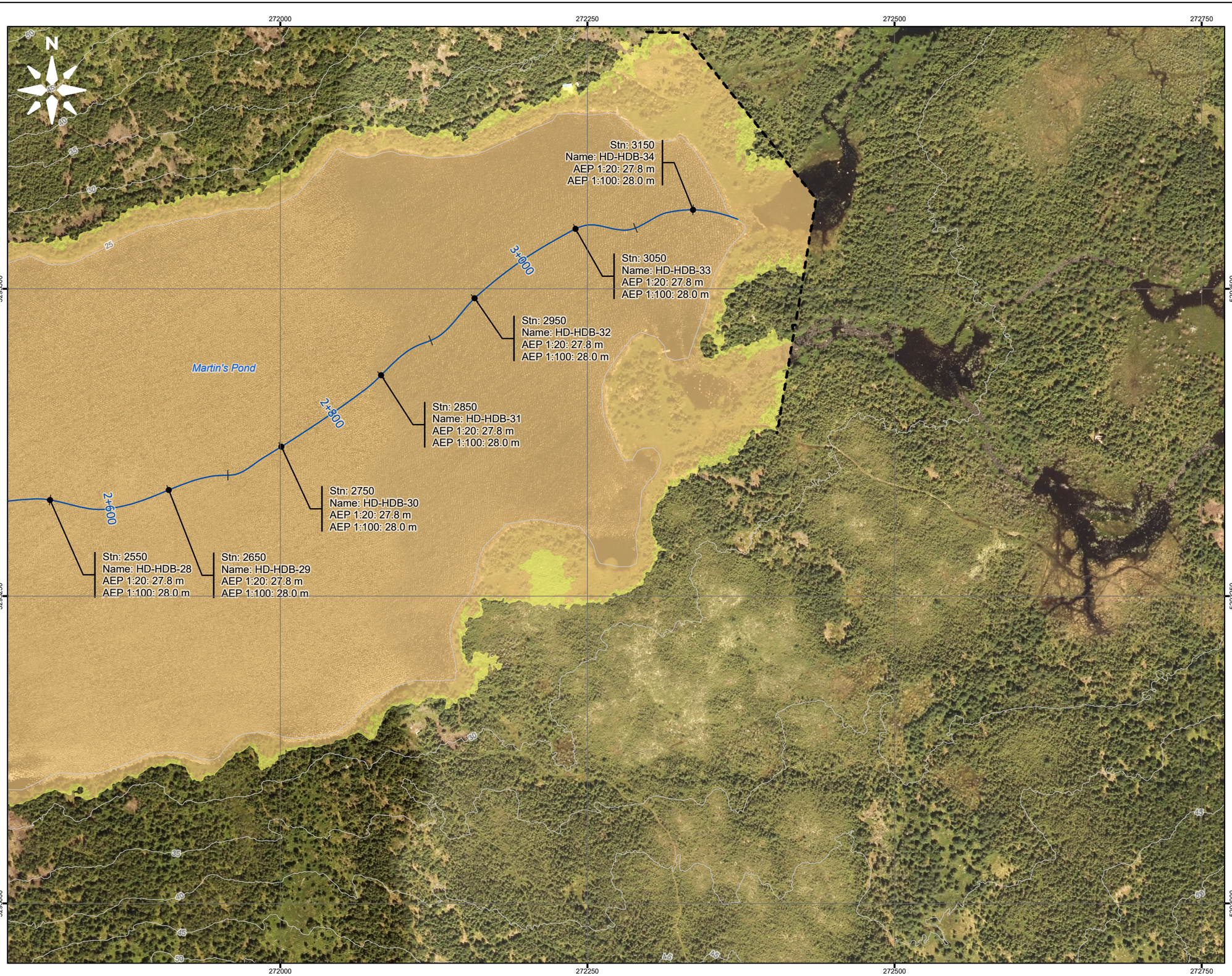
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

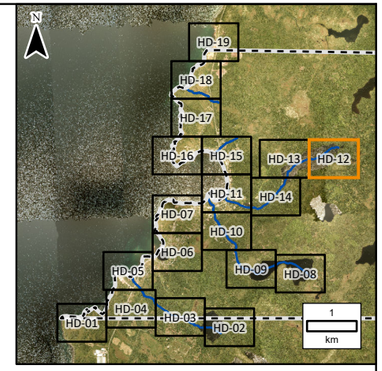
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-11

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
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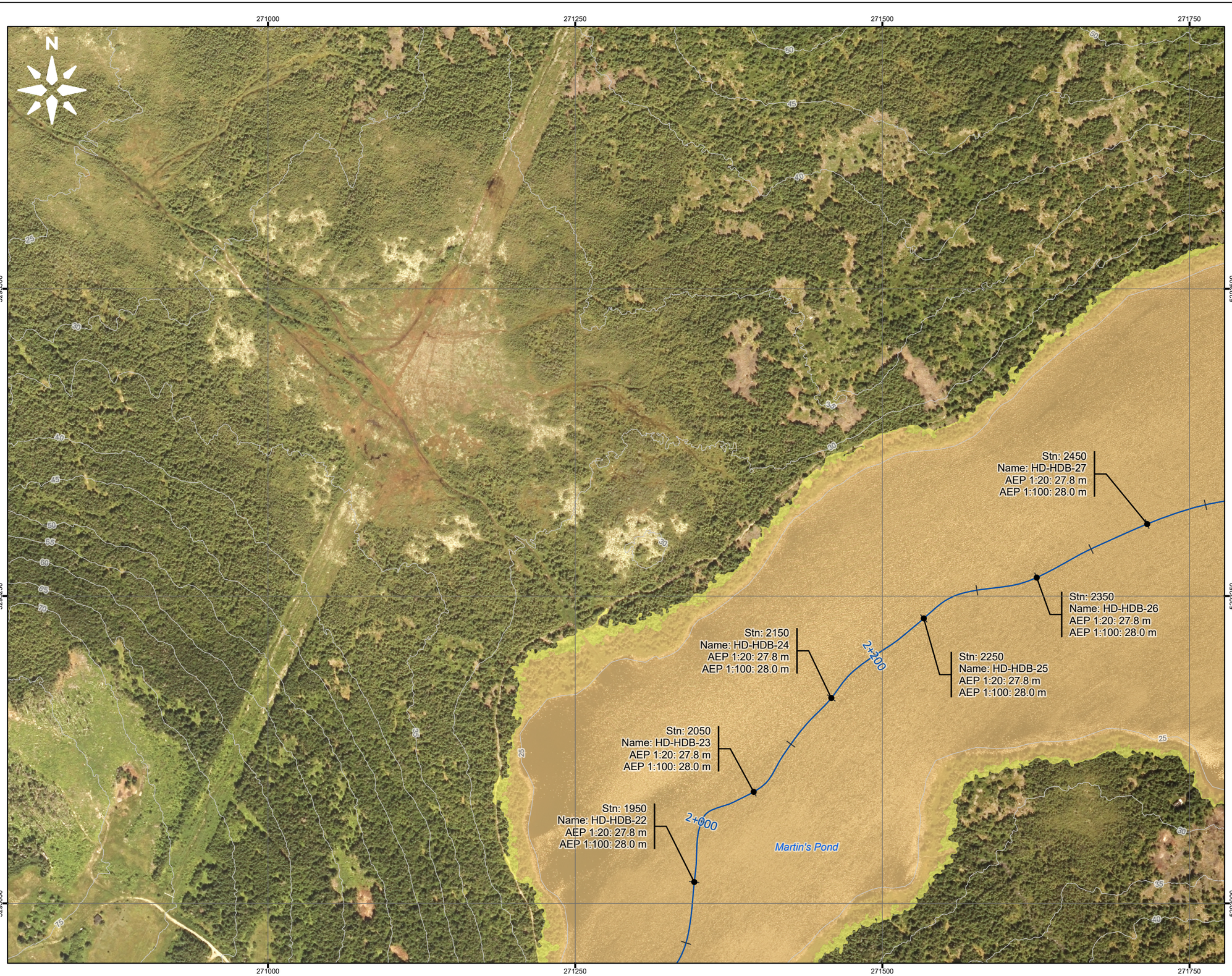
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

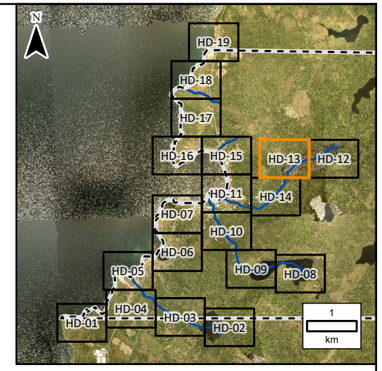
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-12

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Heart's Delight Inundation Mapping aprx 22-3217-002-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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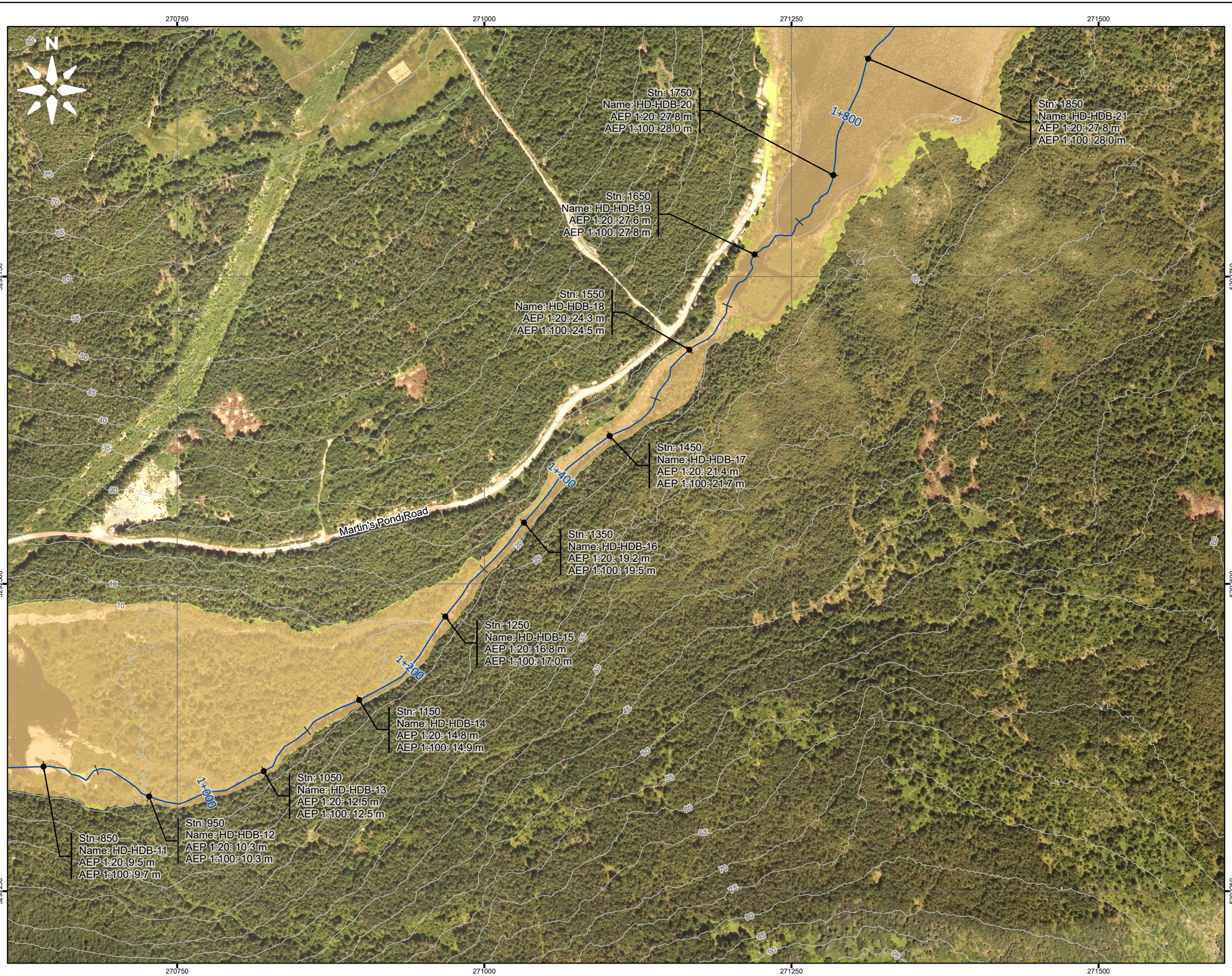
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

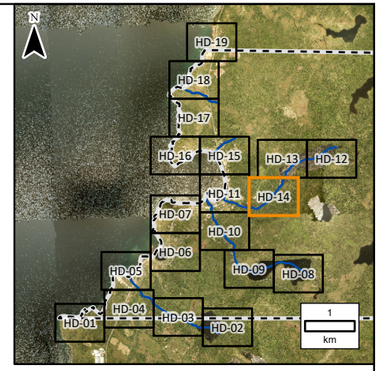
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-13

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\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-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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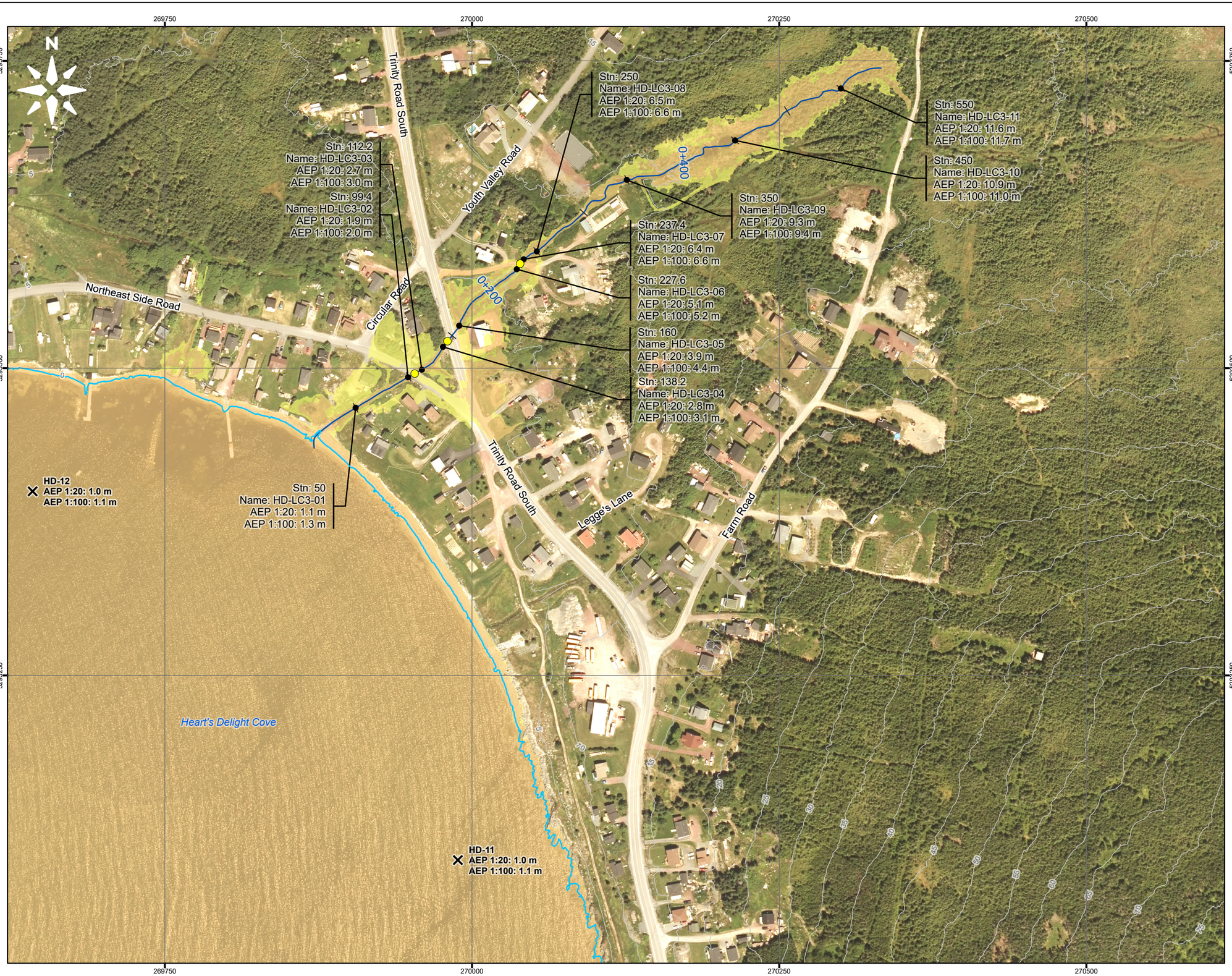
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

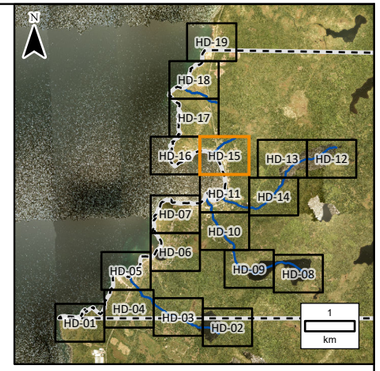
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-14

DECEMBER 2025 | FIGURE 5.2 | REV.: 0

FileName: P:\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-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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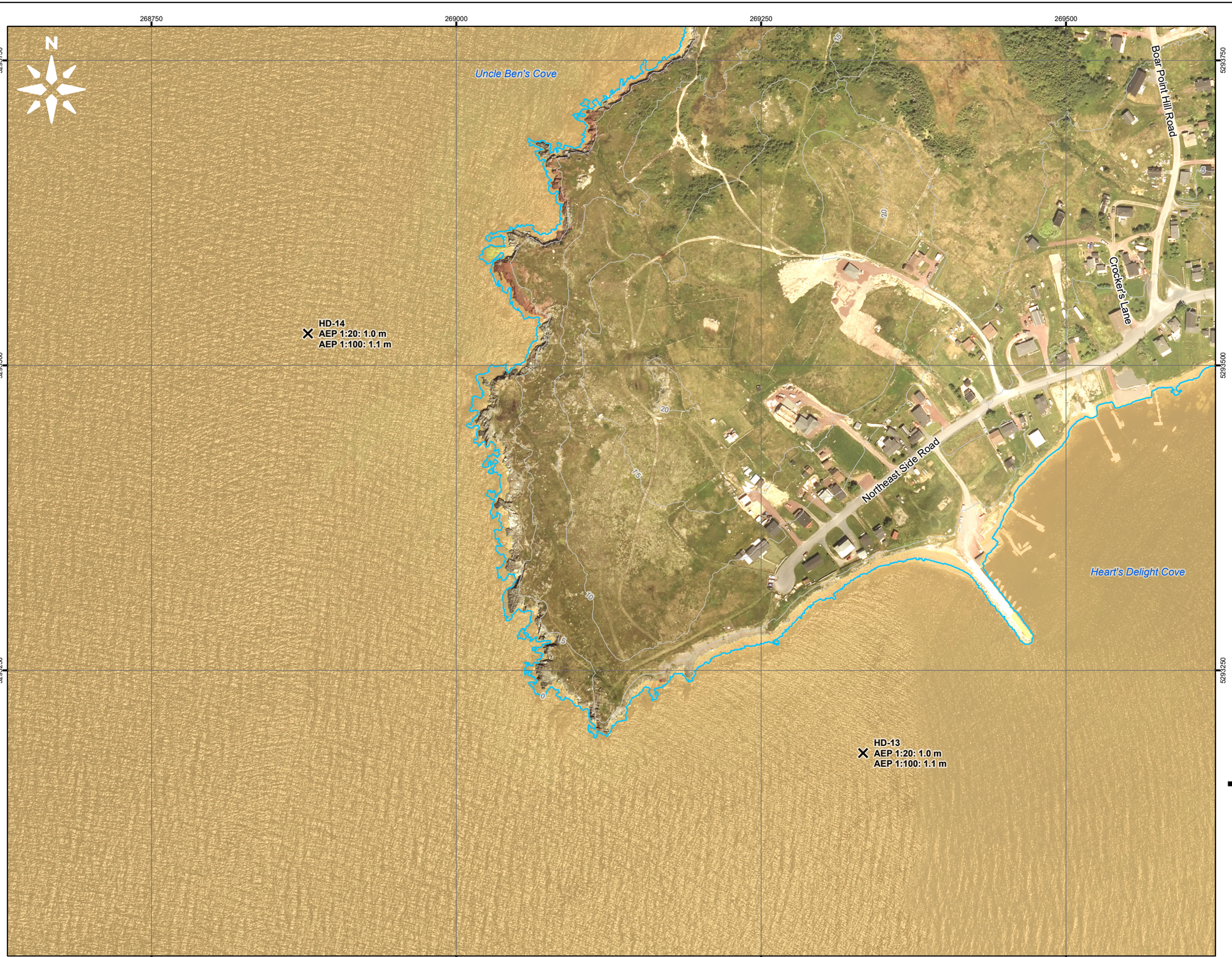
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

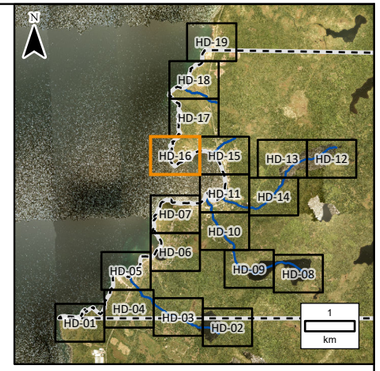
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-15

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Heart's Delight Inundation Mapping\Heart's Delight Inundation Mapping.aprx 22-3217-002-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50, Name: FL-PWR-01, AEP 1:20: 1.2 m, AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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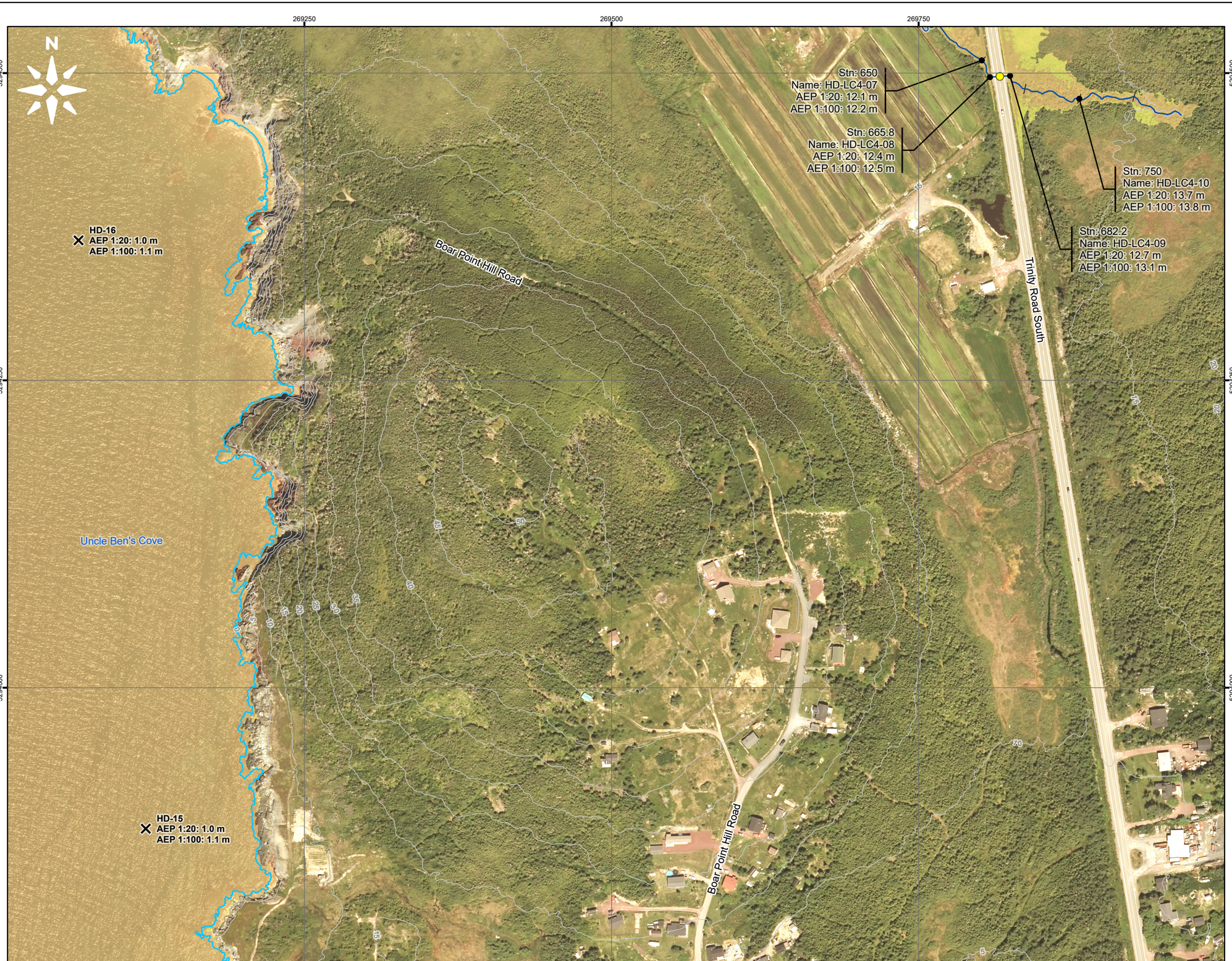
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

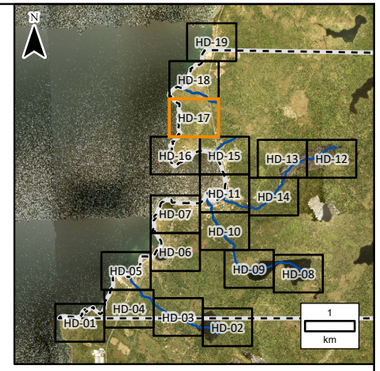
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-16

DECEMBER 2025 | FIGURE 5.2 | REV: 0

FileName: P:\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-Fig5.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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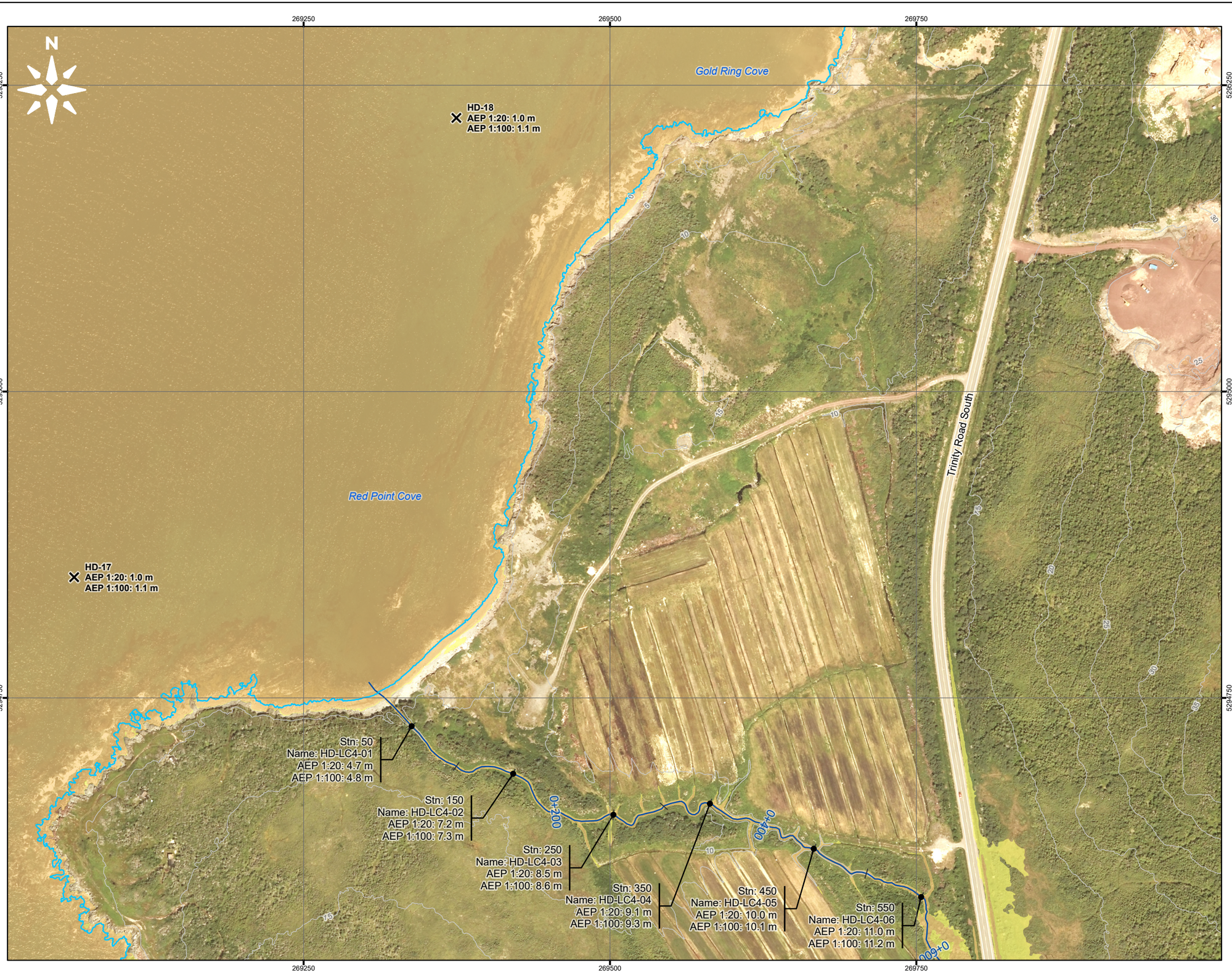
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

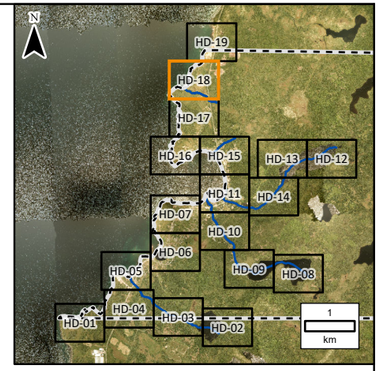
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-17

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-PWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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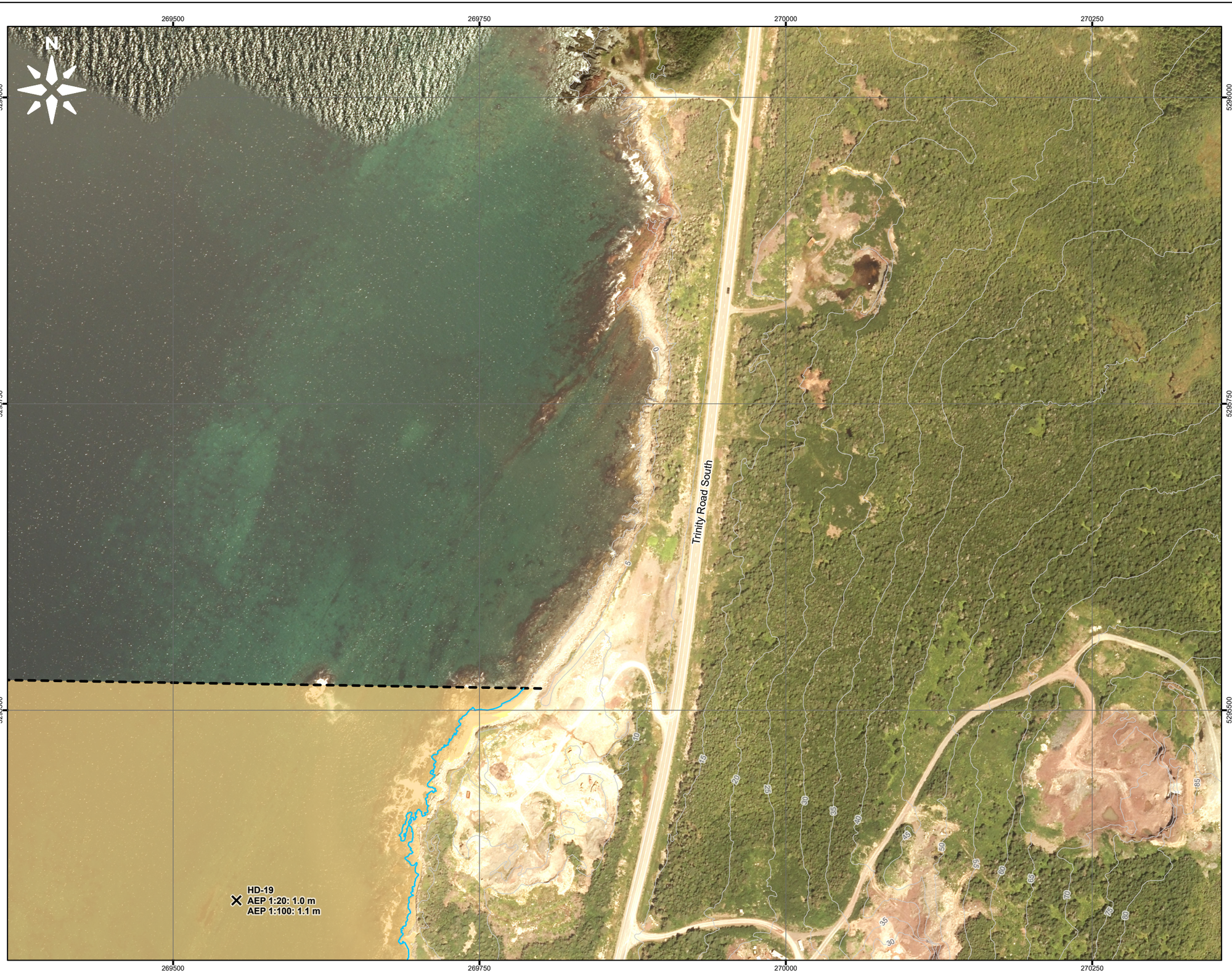
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

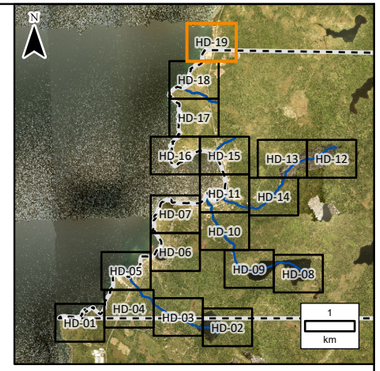
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HD-18

DECEMBER 2025 | FIGURE 5.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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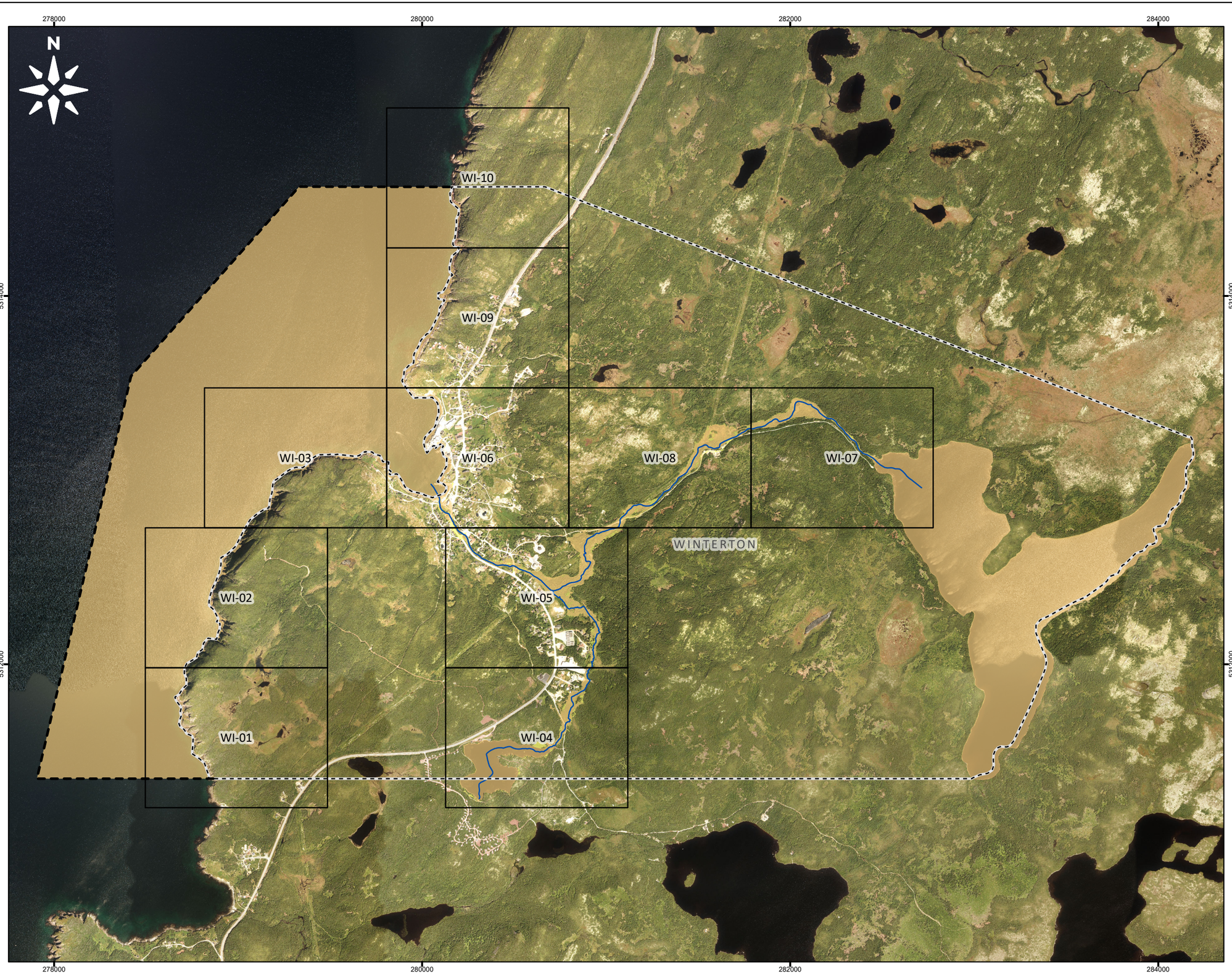
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HD-19

DECEMBER 2025 | FIGURE 5.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

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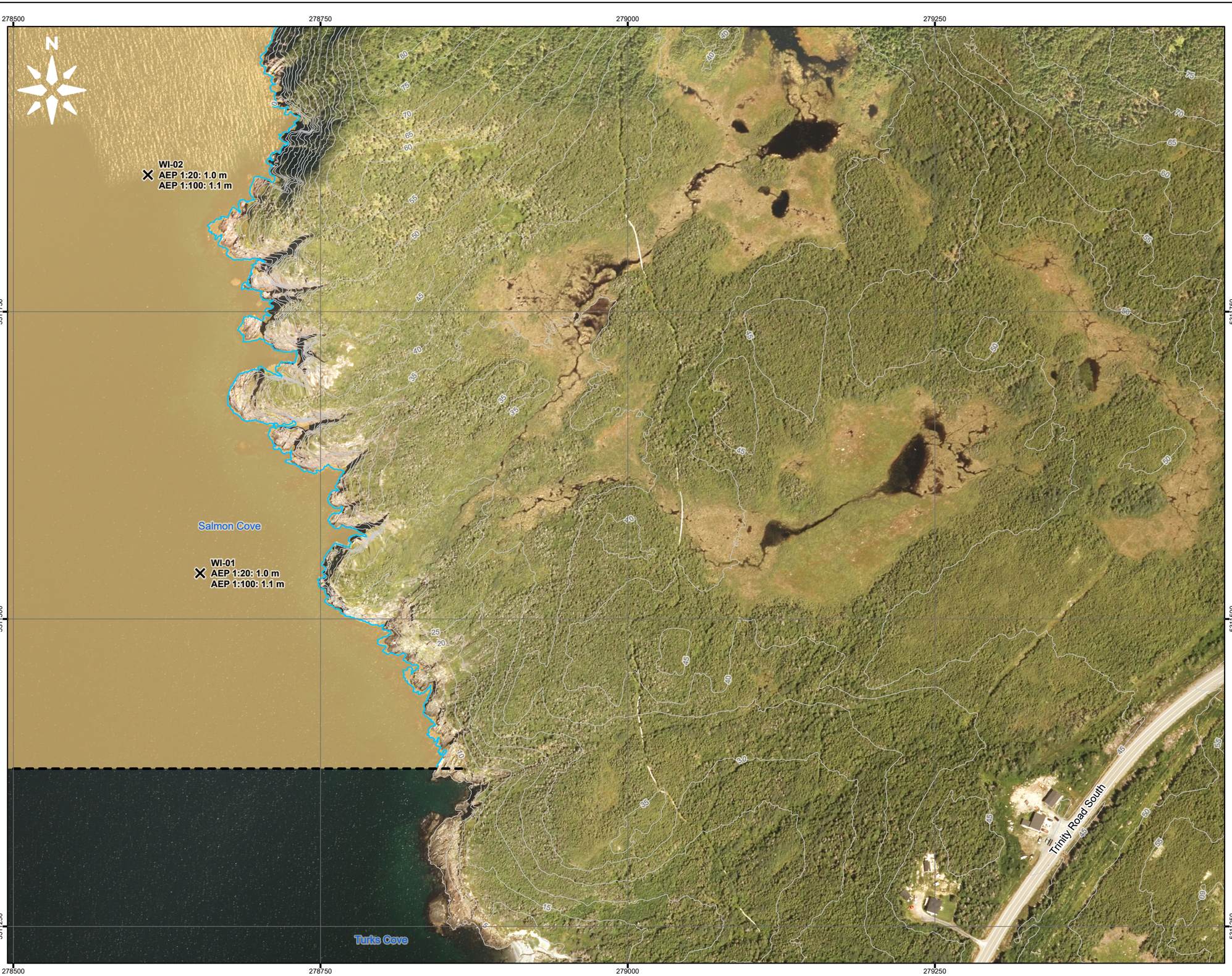
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

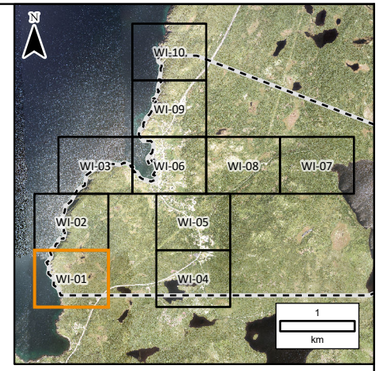
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 4.1 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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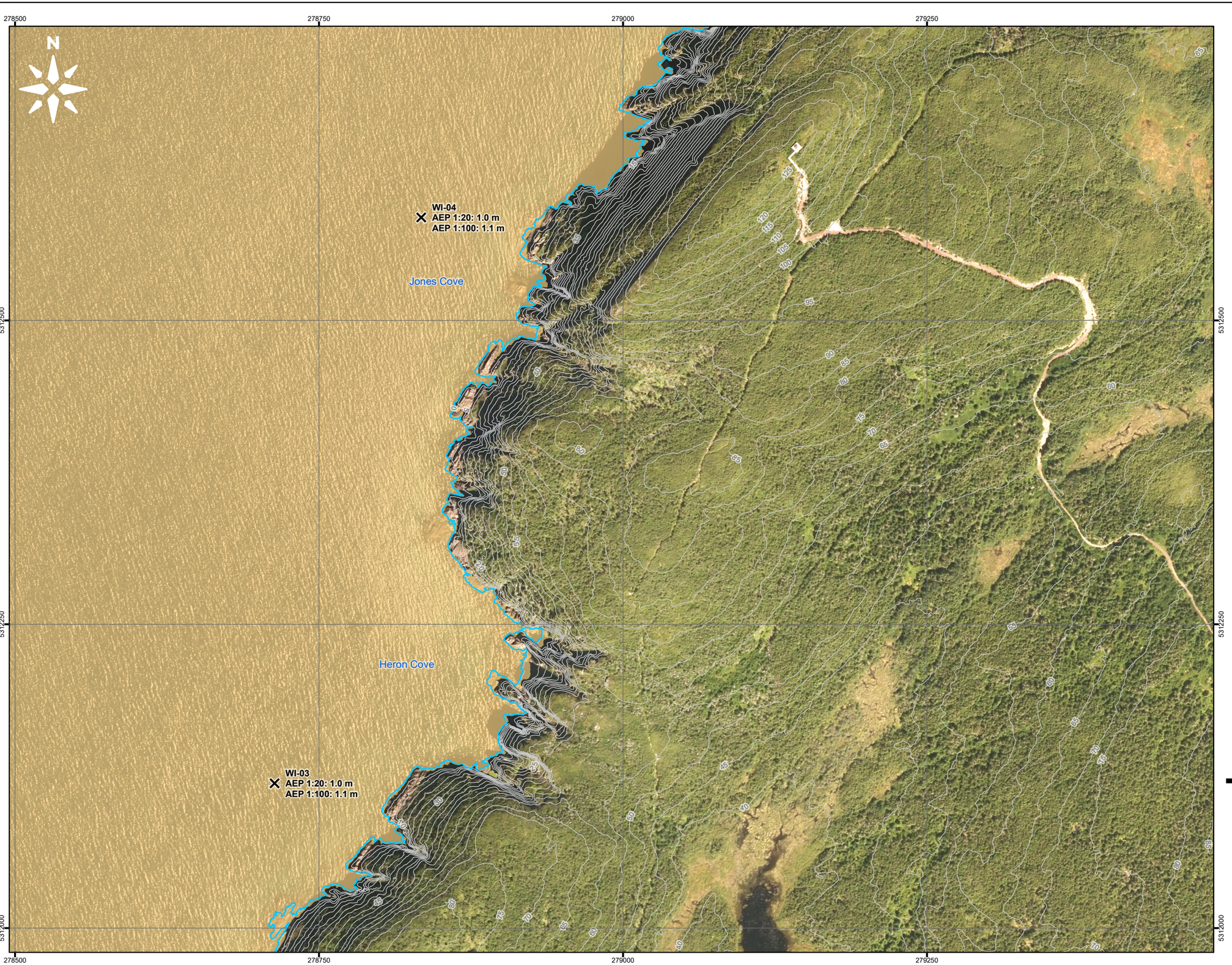
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

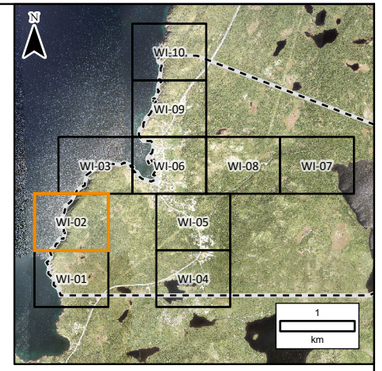
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-01

DECEMBER 2025	FIGURE 4.2	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-Fig4.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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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)
CD) AEP FLOOD ZONE - WI-02

DECEMBER 2025	FIGURE 4.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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11"x17" PLOT SCALE 1:1

279000 279250 279500 279750

5313500 5313250 5313000 5312750

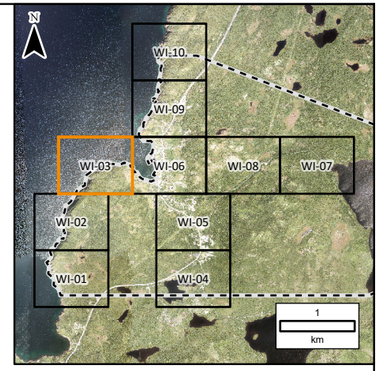
N

WI-07
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

WI-06
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

WI-05
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

Trinity Bay



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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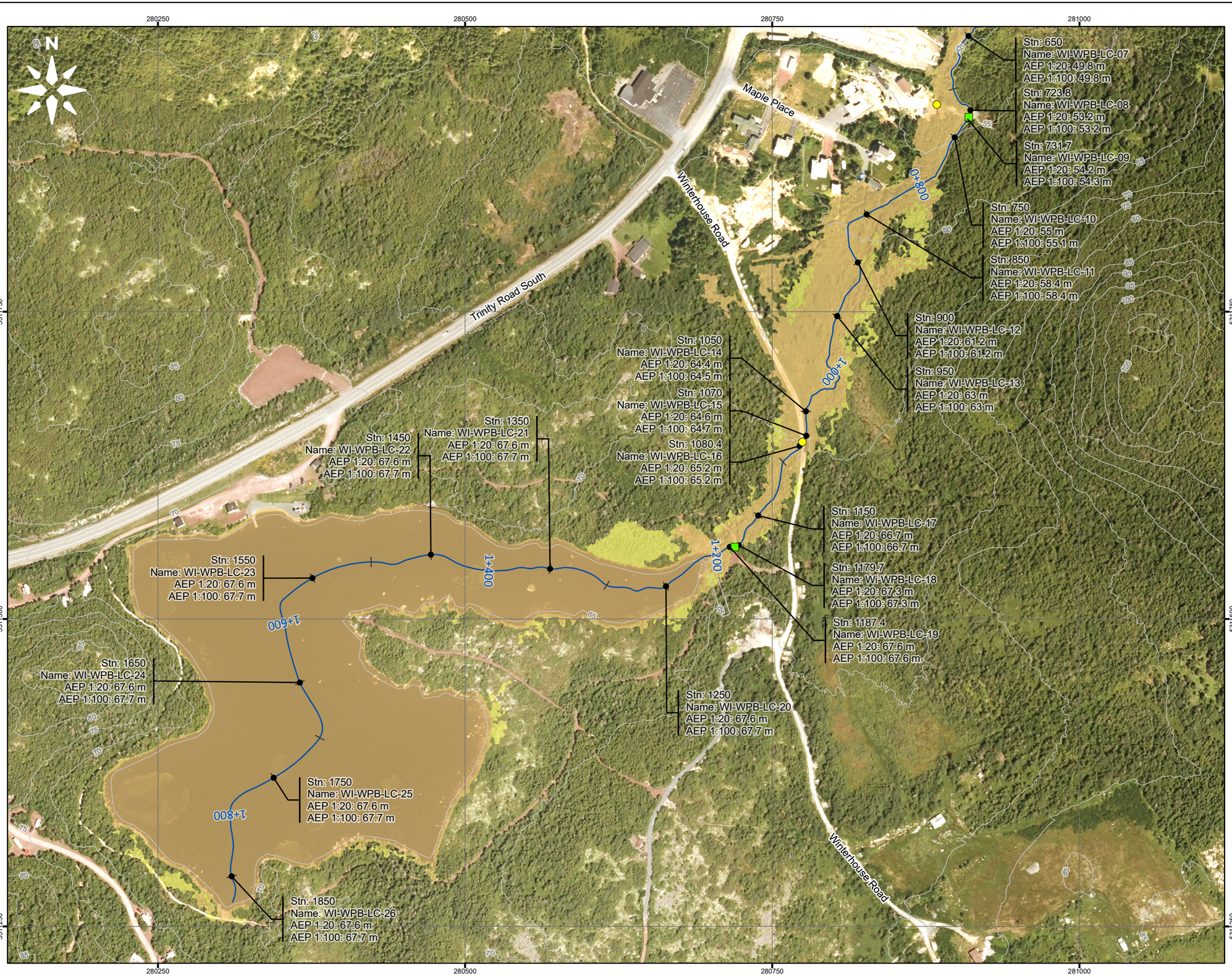
Newfoundland Labrador Canada

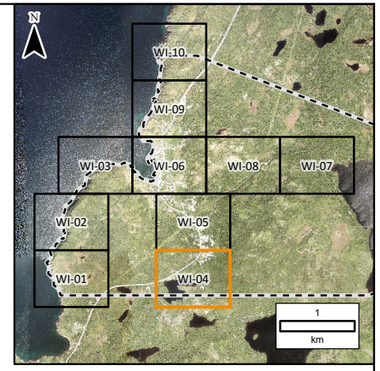
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-03

DECEMBER 2025 | FIGURE 4.2 | REV: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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) CD) AEP FLOOD ZONE - WI-04

DECEMBER 2025 | FIGURE 4.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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280250 280500 280750 281000

5312500 5312250 5312000

Stn: 331.9
Name: WI-WPB-08
AEP 1:20: 12.2 m
AEP 1:100: 12.3 m

Stn: 343.2
Name: WI-WPB-09
AEP 1:20: 13.8 m
AEP 1:100: 14.1 m

Stn: 350
Name: WI-WPB-10
AEP 1:20: 13.8 m
AEP 1:100: 14.1 m

Stn: 450
Name: WI-WPB-11
AEP 1:20: 15.4 m
AEP 1:100: 15.5 m

Stn: 550
Name: WI-WPB-12
AEP 1:20: 17.7 m
AEP 1:100: 17.9 m

Stn: 650
Name: WI-WPB-13
AEP 1:20: 18.6 m
AEP 1:100: 18.7 m

Stn: 688.9
Name: WI-WPB-14
AEP 1:20: 19.2 m
AEP 1:100: 19.3 m

Stn: 700
Name: WI-WPB-15
AEP 1:20: 20.3 m
AEP 1:100: 20.6 m

Stn: 750
Name: WI-WPB-16
AEP 1:20: 20.5 m
AEP 1:100: 20.7 m

Stn: 850
Name: WI-WPB-17
AEP 1:20: 23.7 m
AEP 1:100: 23.7 m

Stn: 950
Name: WI-WPB-18
AEP 1:20: 26.7 m
AEP 1:100: 26.7 m

Stn: 1050
Name: WI-WPB-19
AEP 1:20: 29.4 m
AEP 1:100: 29.5 m

Stn: 1150
Name: WI-WPB-20
AEP 1:20: 32.5 m
AEP 1:100: 32.6 m

Stn: 1250
Name: WI-WPB-21
AEP 1:20: 33.1 m
AEP 1:100: 33.1 m

Stn: 1350
Name: WI-WPB-22
AEP 1:20: 33.4 m
AEP 1:100: 33.4 m

Stn: 1450
Name: WI-WPB-23
AEP 1:20: 35.7 m
AEP 1:100: 35.8 m

Stn: 1550
Name: WI-WPB-24
AEP 1:20: 38.7 m
AEP 1:100: 38.7 m

Stn: 50
Name: WI-WPB-LC-01
AEP 1:20: 27.2 m
AEP 1:100: 27.2 m

Stn: 150
Name: WI-WPB-LC-02
AEP 1:20: 29.1 m
AEP 1:100: 29.1 m

Stn: 250
Name: WI-WPB-LC-03
AEP 1:20: 31.5 m
AEP 1:100: 31.6 m

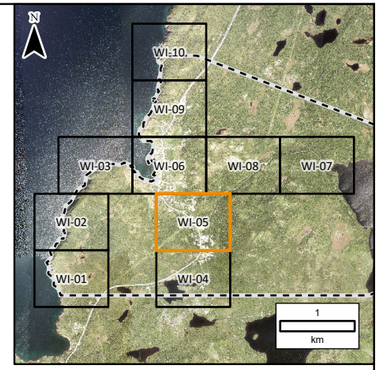
Stn: 350
Name: WI-WPB-LC-04
AEP 1:20: 40 m
AEP 1:100: 40 m

Stn: 450
Name: WI-WPB-LC-05
AEP 1:20: 42.5 m
AEP 1:100: 42.5 m

Stn: 550
Name: WI-WPB-LC-06
AEP 1:20: 47.5 m
AEP 1:100: 47.5 m

Hindy's Lane
Brook Lane
Old Road
Babb's Road
Downey's Lane
Cemetary Road
Trinity Road South
Pitcher's Place

0+400 0+600 0+800 1+000 1+200 1+400 0+200 0+400 0+600



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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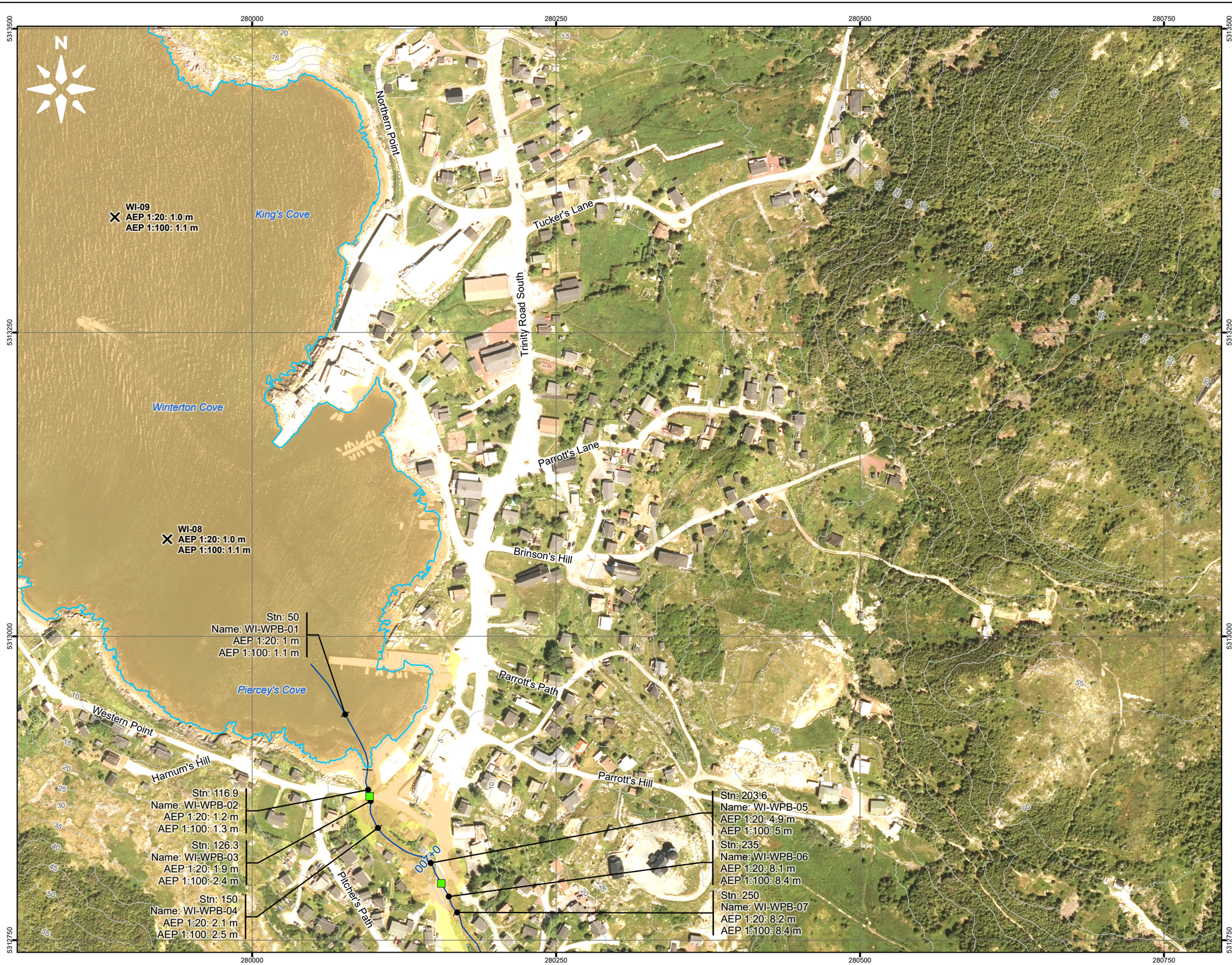
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

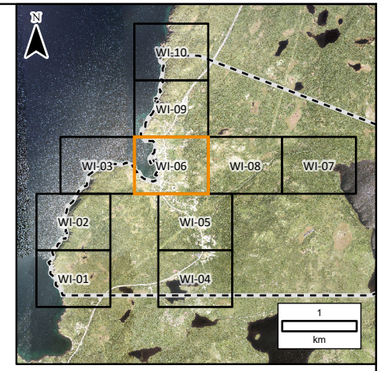
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-05

DECEMBER 2025 | FIGURE 4.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
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- Modelled Bridge
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20 0 20 40 60 80 100
Metres

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

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

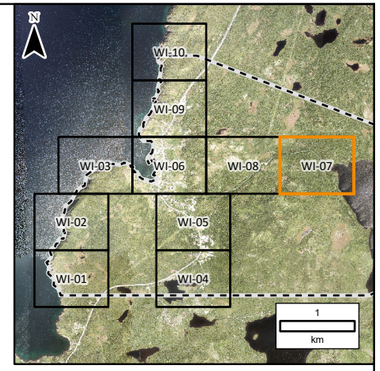
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
CD) AEP FLOOD ZONE - WI-06

DECEMBER 2025 | FIGURE 4.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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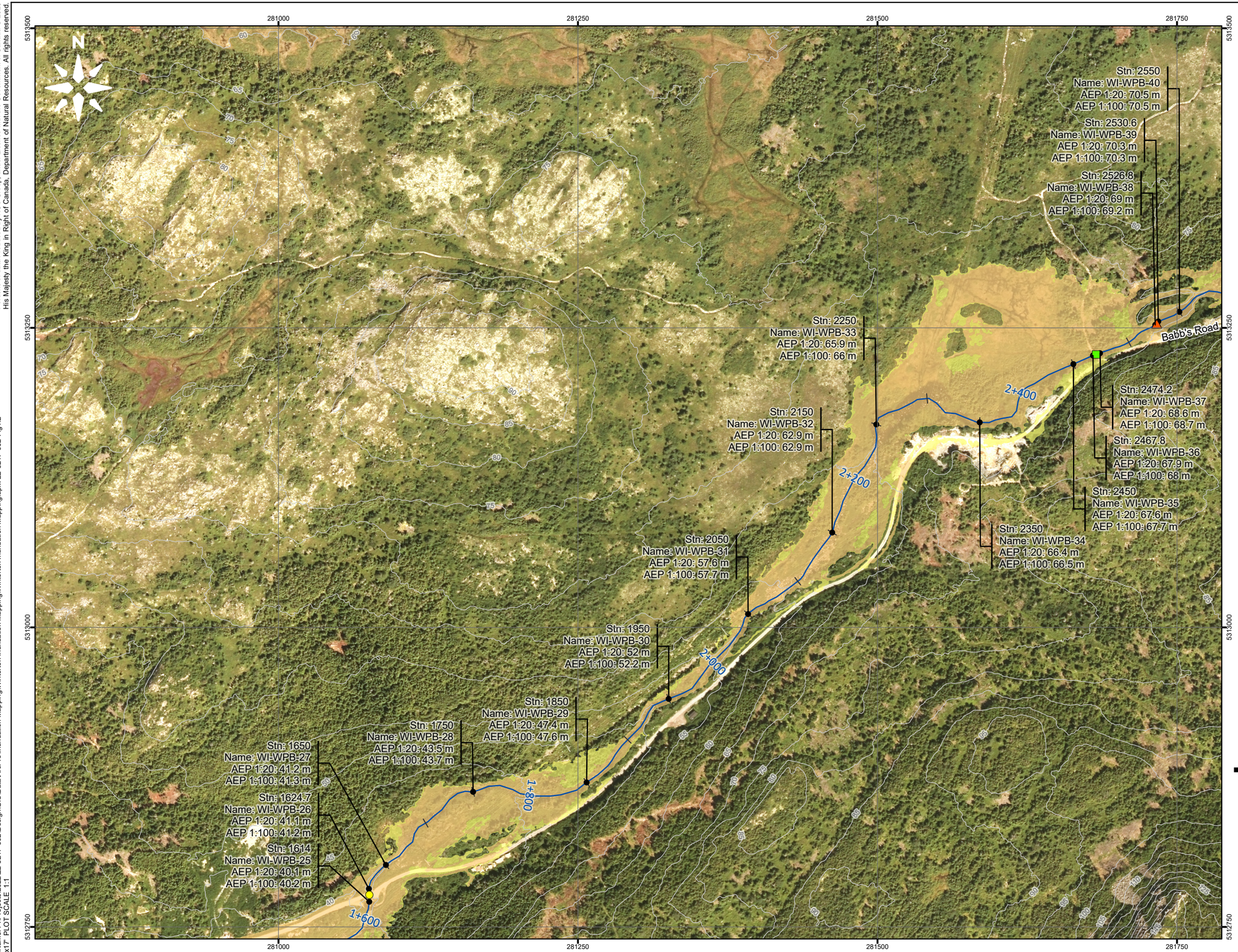
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

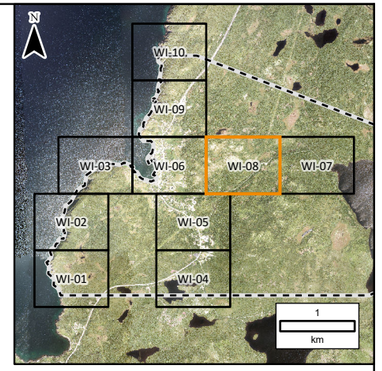
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-07

DECEMBER 2025	FIGURE 4.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
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- 1:100 Year Flood Zone
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20 0 20 40 60 80 100
Metres

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

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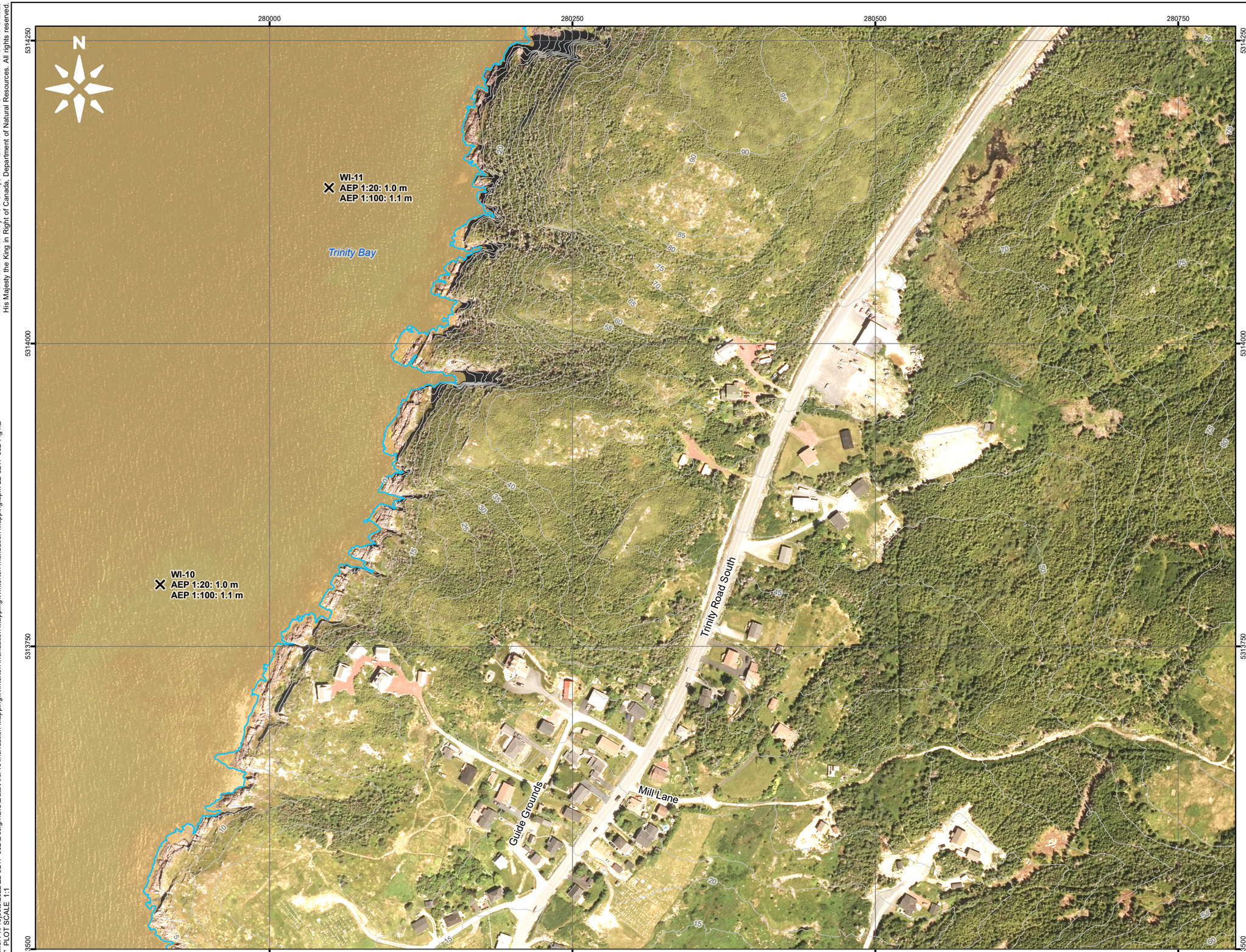
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

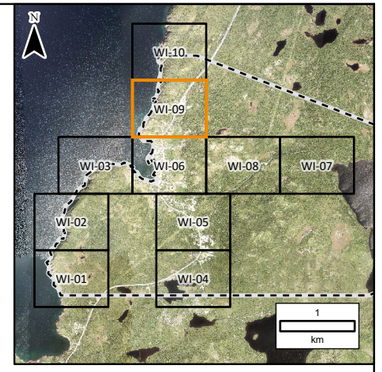
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-08

DECEMBER 2025 | FIGURE 4.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
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- River/Creek Centreline
- Coastline
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20 0 20 40 60 80 100
Metres

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

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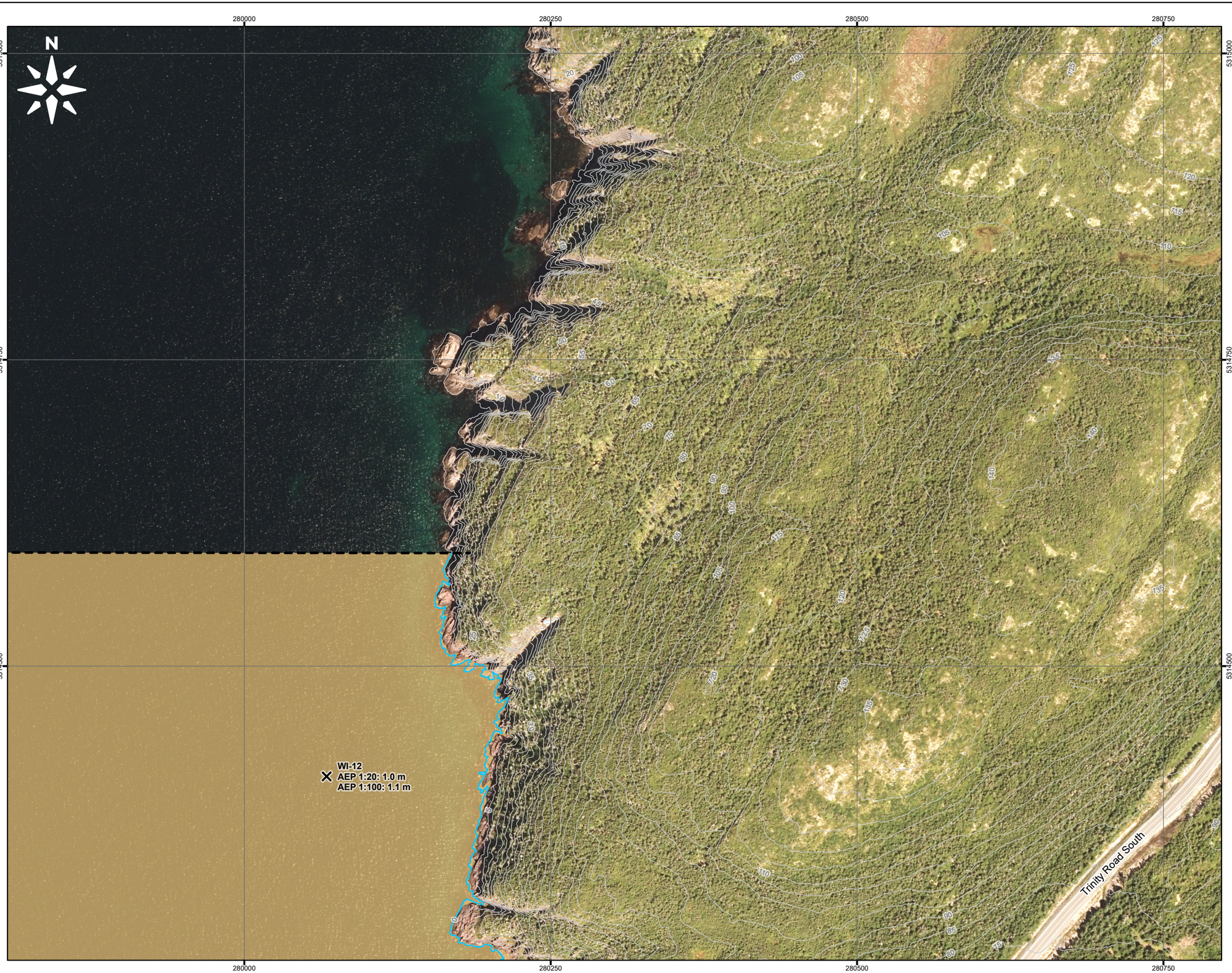
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

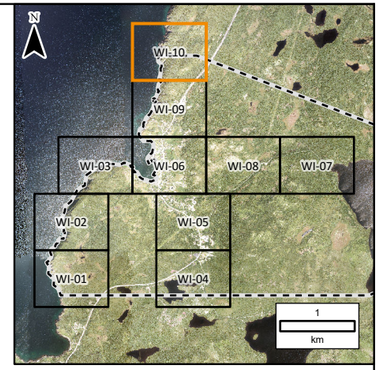
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
CD) AEP FLOOD ZONE - WI-09

DECEMBER 2025	FIGURE 4.2	REV.: 0

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LEGEND:

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20 0 20 40 60 80 100
Metres

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

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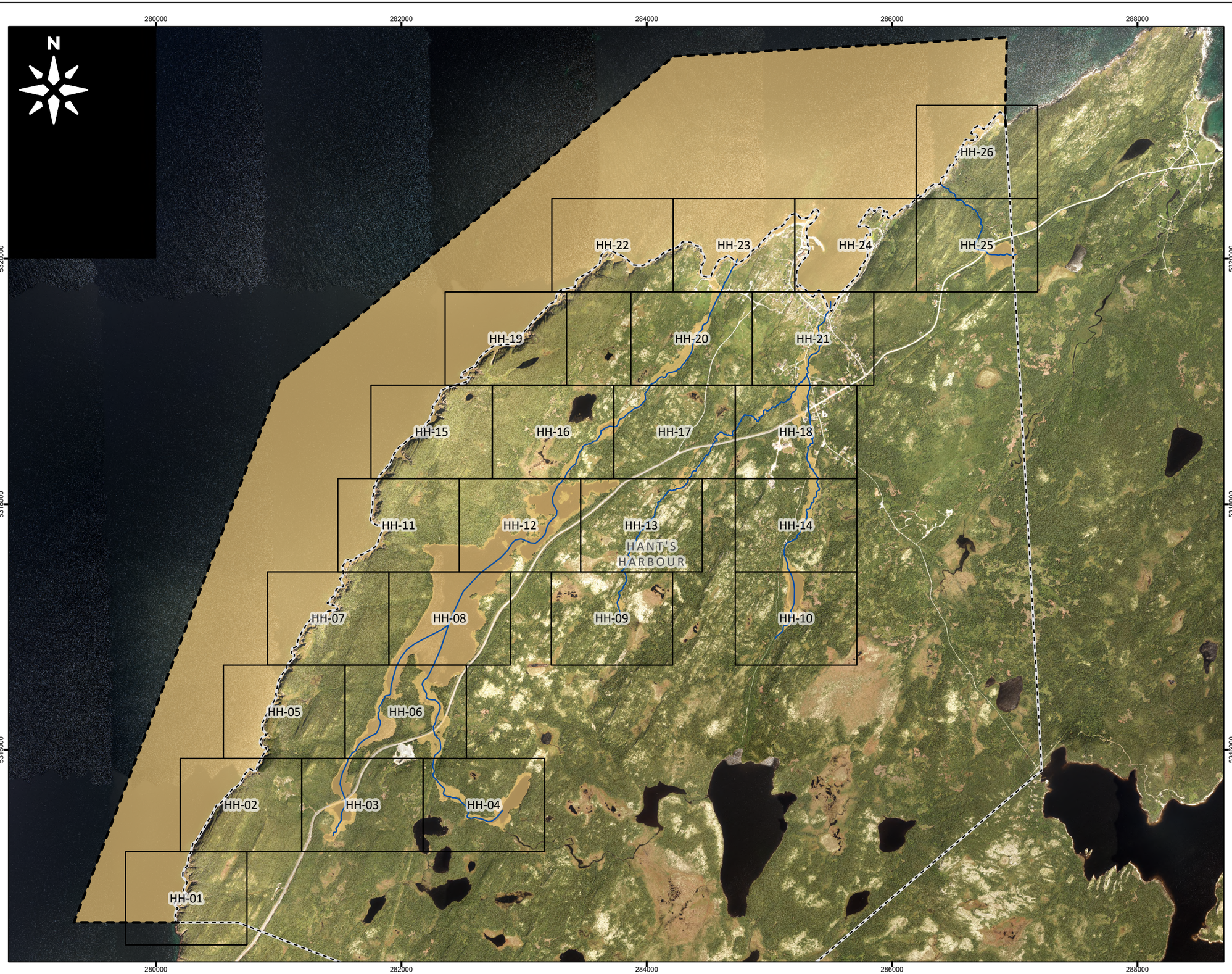
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) CD) AEP FLOOD ZONE - WI-10

DECEMBER 2025	FIGURE 4.2	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-Fig4.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- Municipal Boundary
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone

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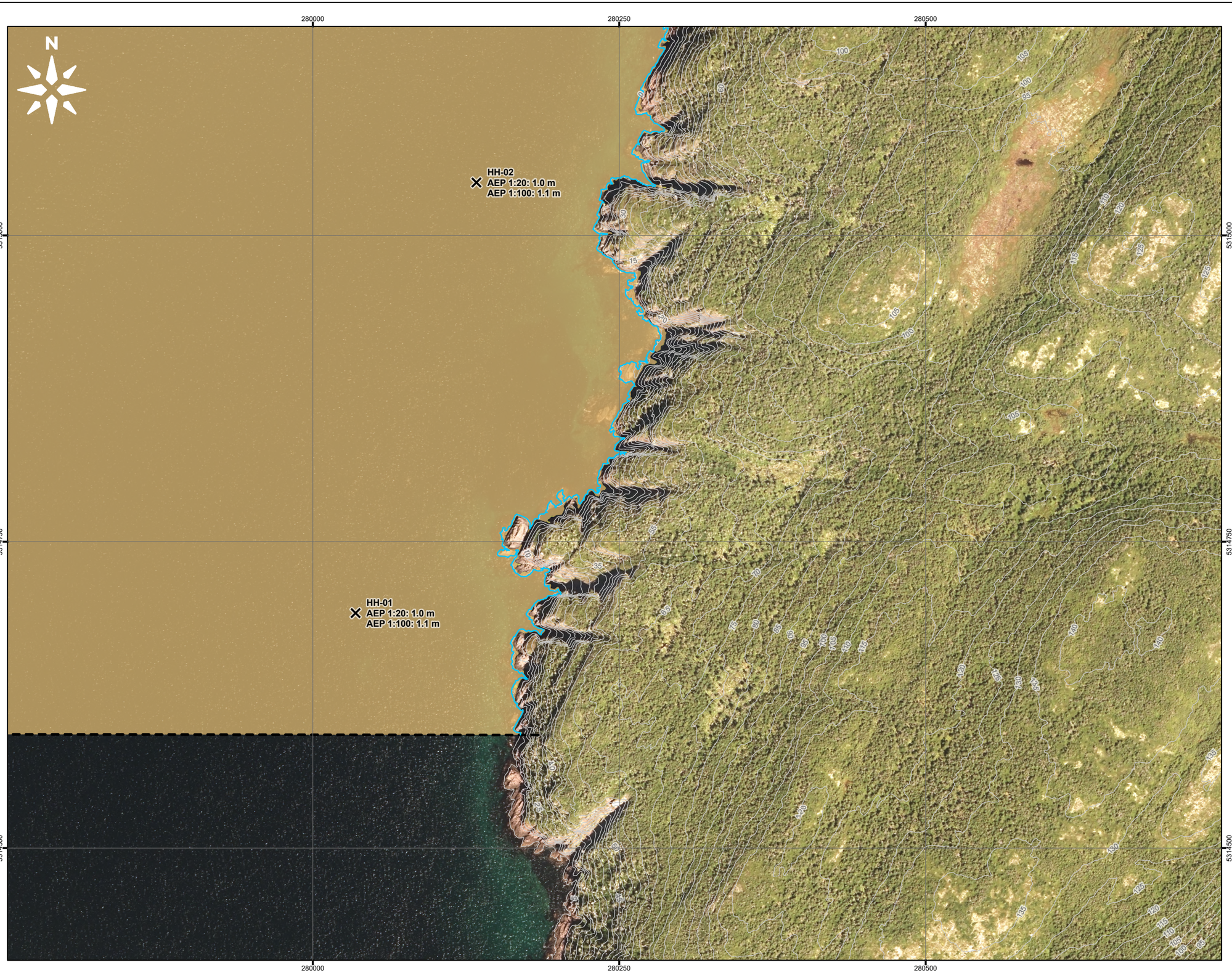
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

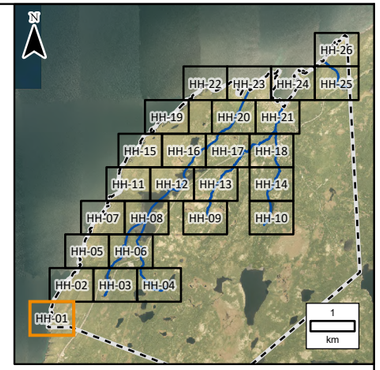
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - OVERVIEW MAP

DECEMBER 2025 | FIGURE 3.1 | REV: 0

FileName: P:\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-Fig3.1
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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

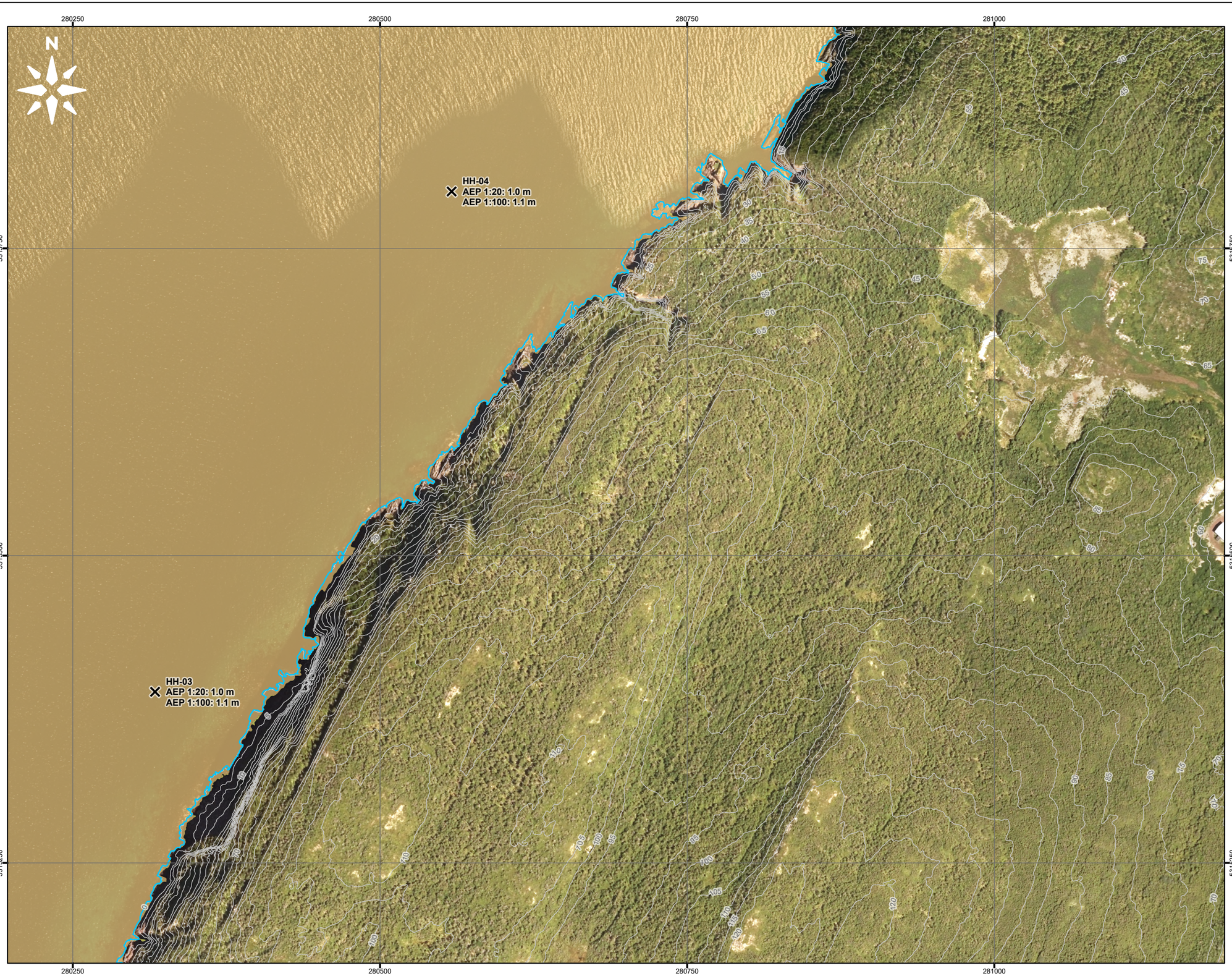
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-01

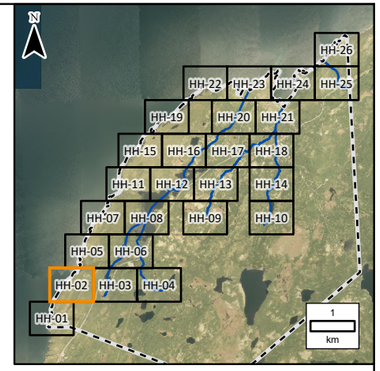
DECEMBER 2025	FIGURE 3.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping.aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1





LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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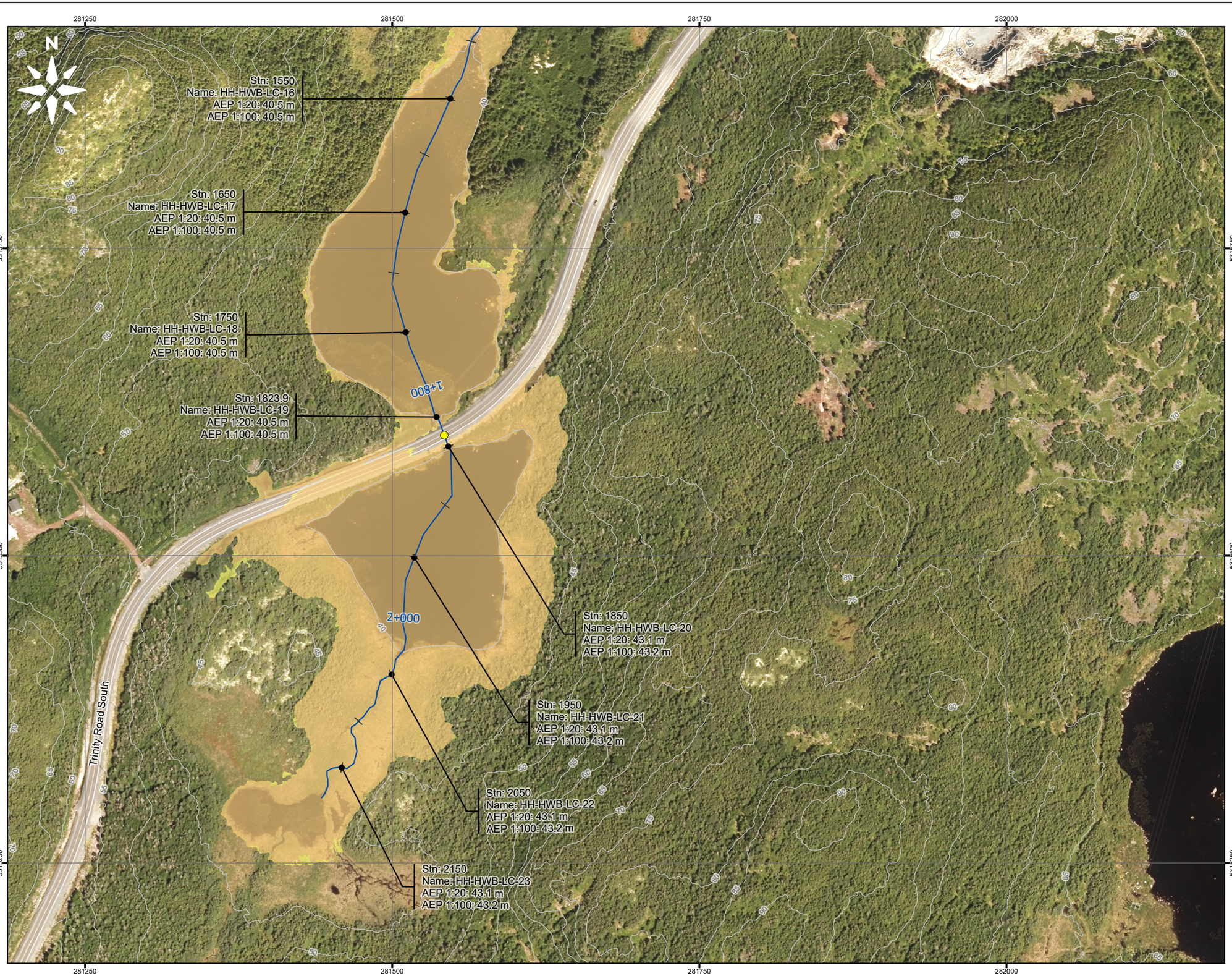
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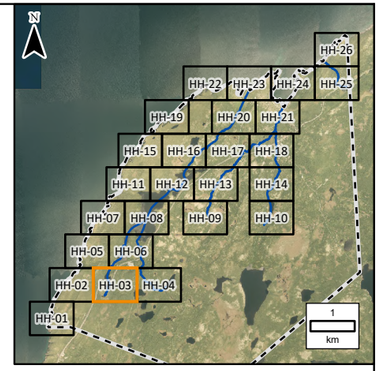
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-02

DECEMBER 2025 | FIGURE 3.2 | REV.: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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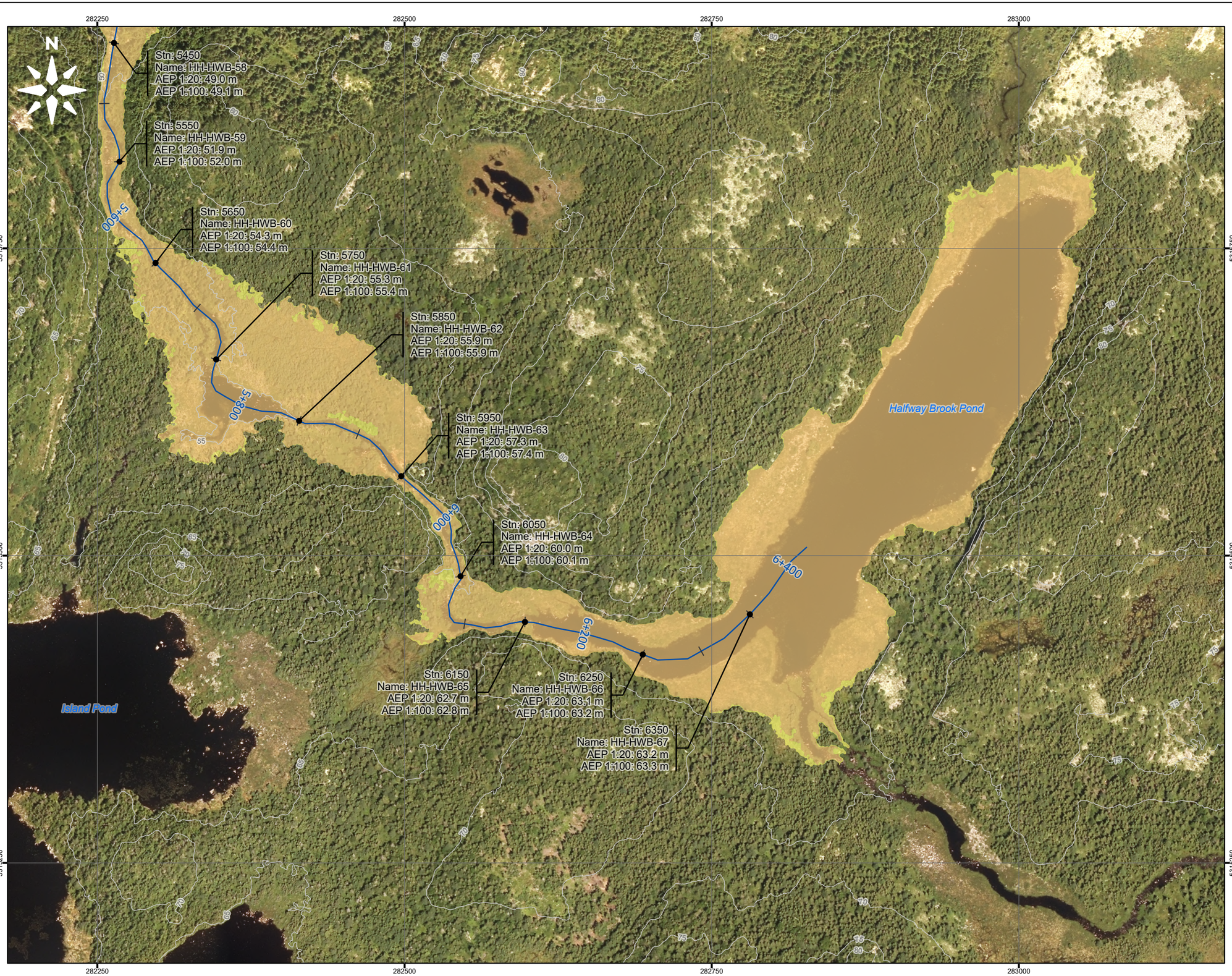
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

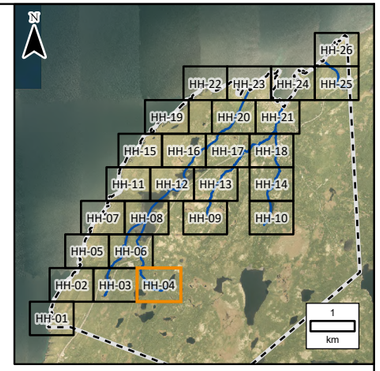
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-03

DECEMBER 2025	FIGURE 3.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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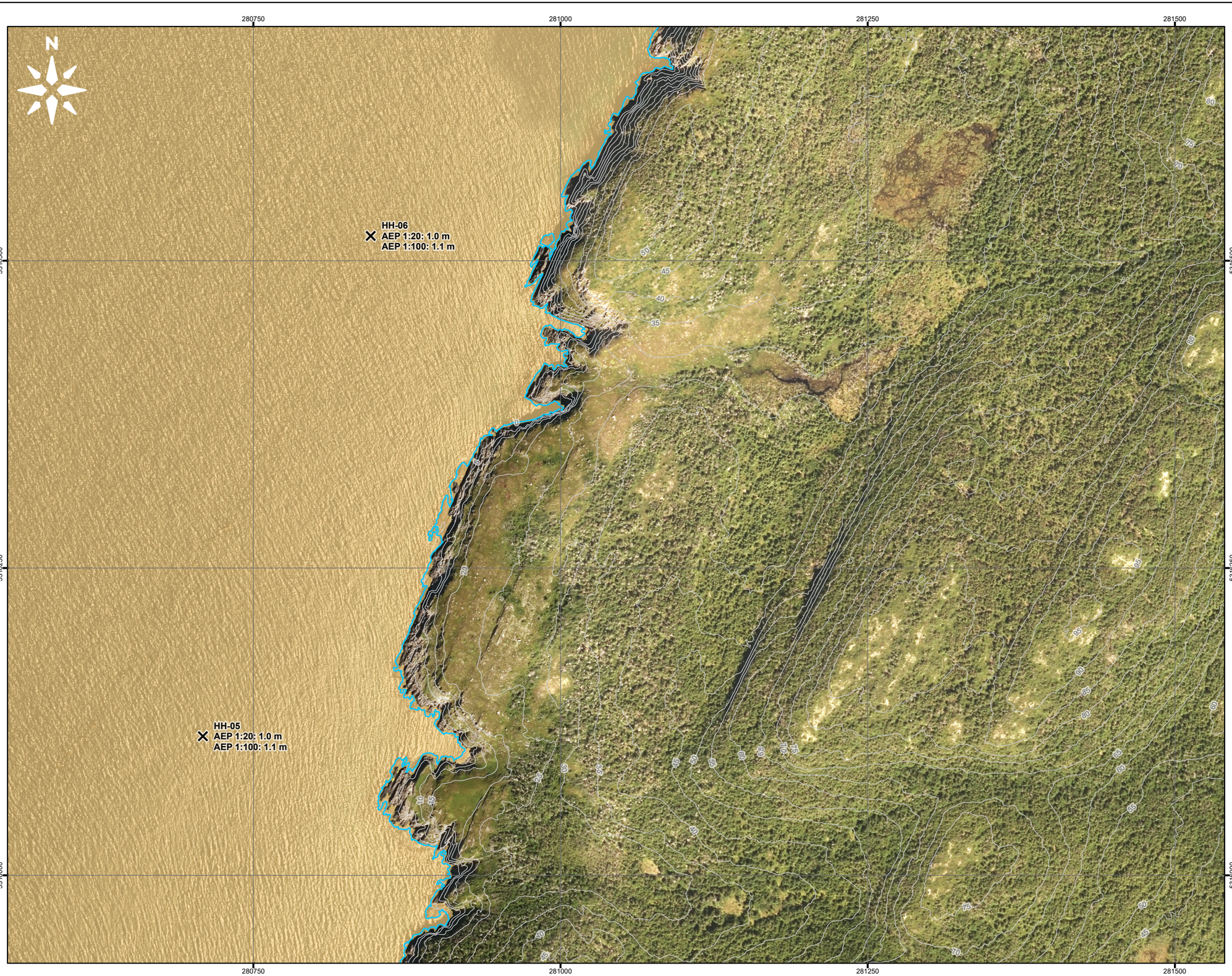
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

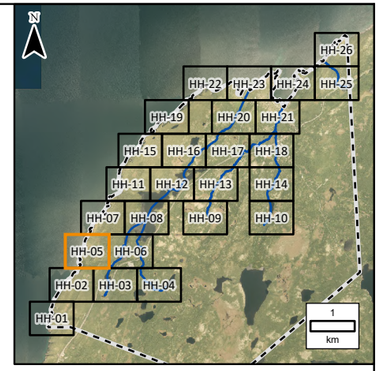
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-04

DECEMBER 2025	FIGURE 3.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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) AEP FLOOD ZONE - HH-05

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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281750 282000 282250 282500

5316500 5316250 5316000

Stn: 550
Name: HH-HWB-LC-06
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 650
Name: HH-HWB-LC-07
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 750
Name: HH-HWB-LC-08
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 850
Name: HH-HWB-LC-09
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 950
Name: HH-HWB-LC-10
AEP 1:20: 39.1 m
AEP 1:100: 39.1 m

Stn: 1050
Name: HH-HWB-LC-11
AEP 1:20: 39.3 m
AEP 1:100: 39.4 m

Stn: 1150
Name: HH-HWB-LC-12
AEP 1:20: 39.3 m
AEP 1:100: 39.4 m

Stn: 1250
Name: HH-HWB-LC-13
AEP 1:20: 39.3 m
AEP 1:100: 39.4 m

Stn: 1350
Name: HH-HWB-LC-14
AEP 1:20: 39.3 m
AEP 1:100: 39.4 m

Stn: 1450
Name: HH-HWB-LC-15
AEP 1:20: 40.0 m
AEP 1:100: 40.0 m

Stn: 4550
Name: HH-HWB-48
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 4650
Name: HH-HWB-49
AEP 1:20: 38.4 m
AEP 1:100: 38.5 m

Stn: 4750
Name: HH-HWB-50
AEP 1:20: 38.6 m
AEP 1:100: 38.7 m

Stn: 4850
Name: HH-HWB-51
AEP 1:20: 38.7 m
AEP 1:100: 38.8 m

Stn: 4950
Name: HH-HWB-52
AEP 1:20: 38.9 m
AEP 1:100: 39.0 m

Stn: 5050
Name: HH-HWB-53
AEP 1:20: 38.9 m
AEP 1:100: 39.0 m

Stn: 5150
Name: HH-HWB-54
AEP 1:20: 39.3 m
AEP 1:100: 39.3 m

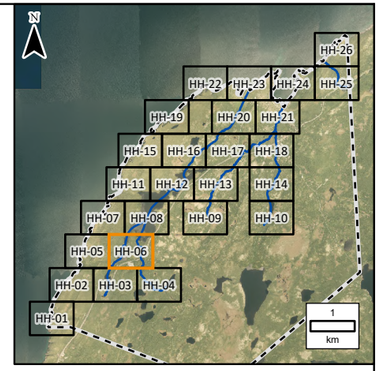
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Name: HH-HWB-55
AEP 1:20: 42.0 m
AEP 1:100: 42.1 m

Stn: 5250
Name: HH-HWB-56
AEP 1:20: 43.4 m
AEP 1:100: 43.4 m

Stn: 5350
Name: HH-HWB-57
AEP 1:20: 46.0 m
AEP 1:100: 46.1 m

0+600 1+000 1+200 1+400 4+600 4+800 5+000 5+200 5+400

Kings Head Pond



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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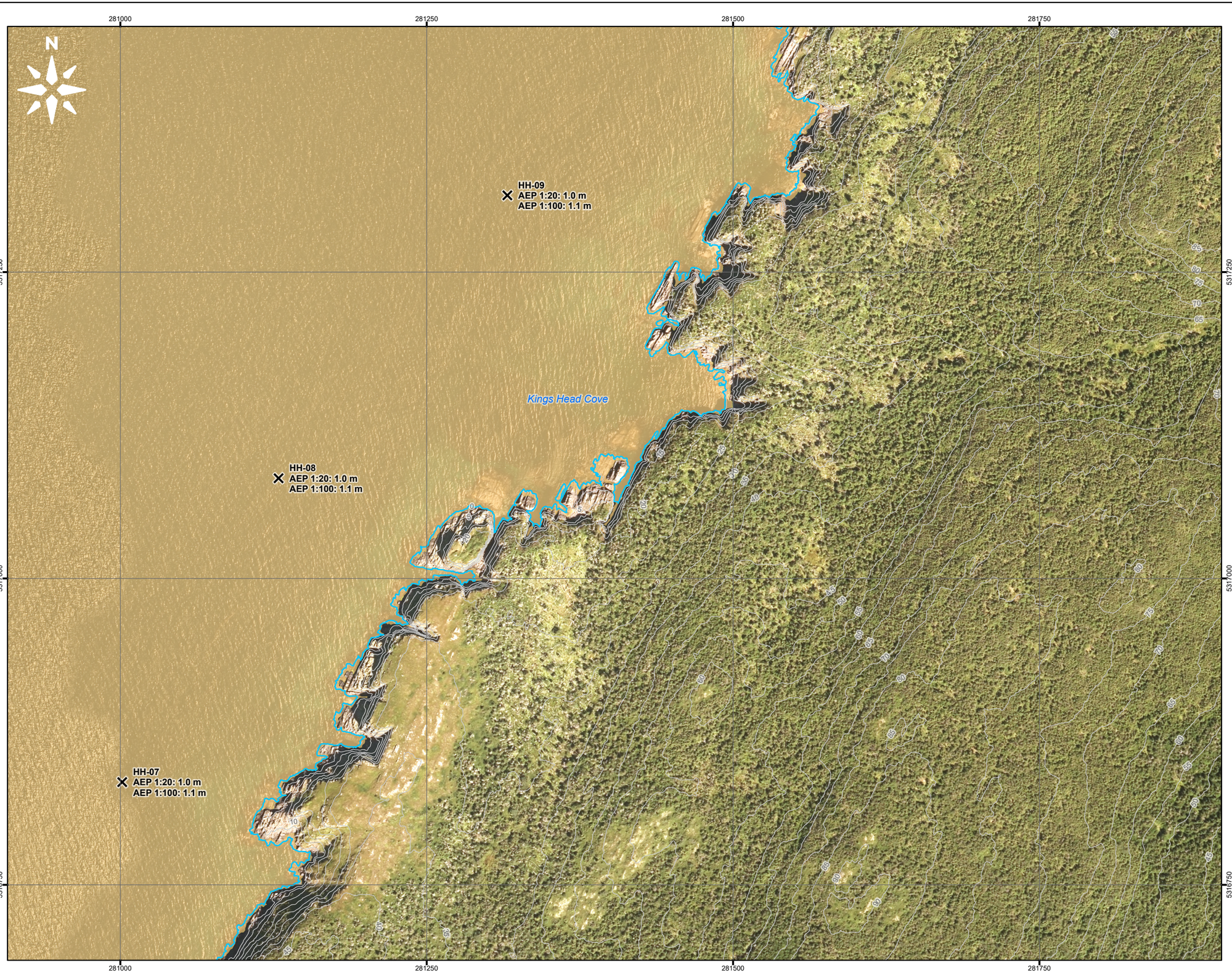
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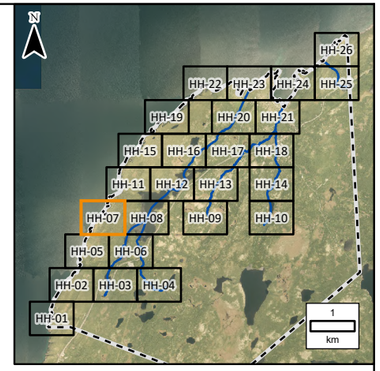
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-06

DECEMBER 2025 | FIGURE 3.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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

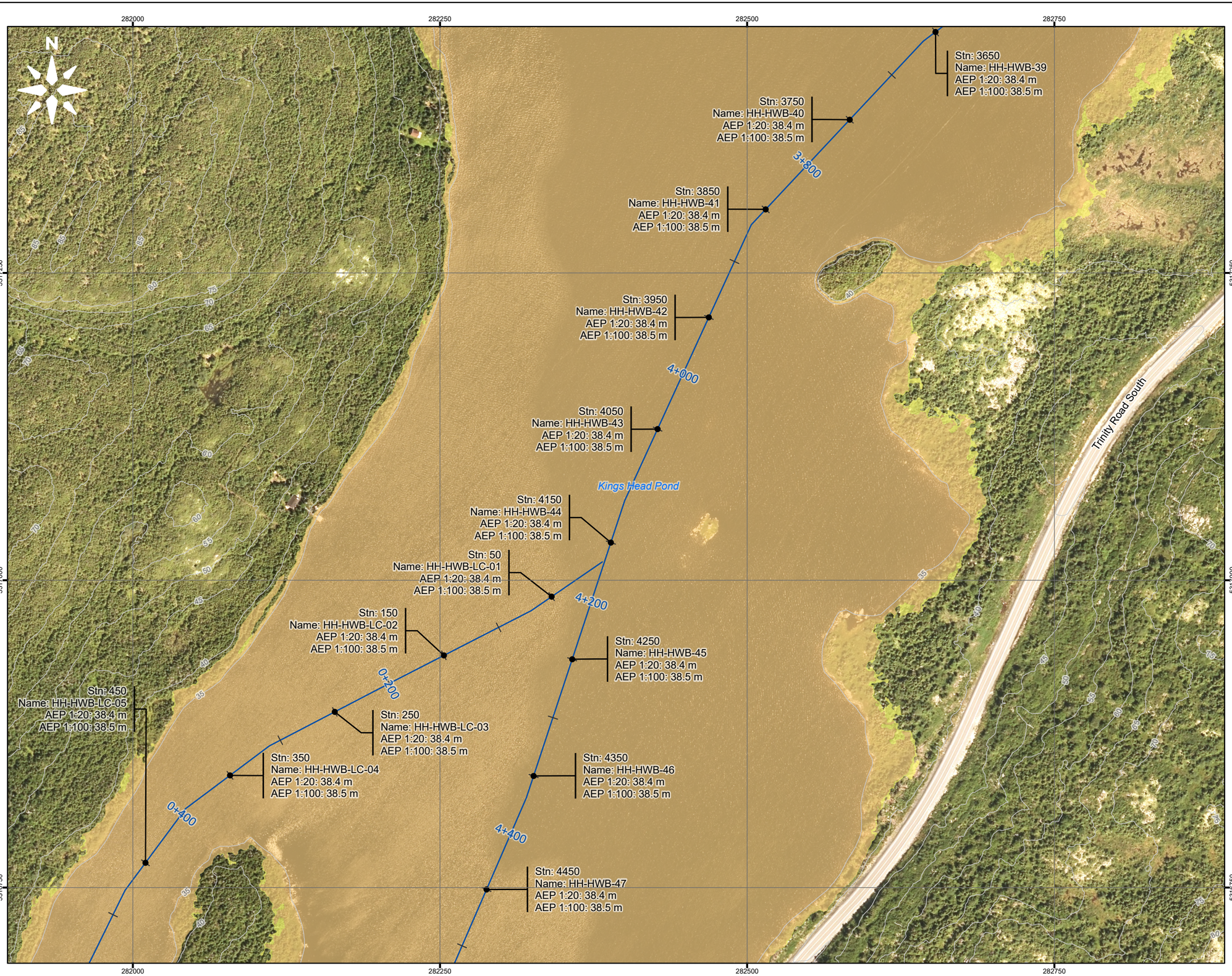
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-07

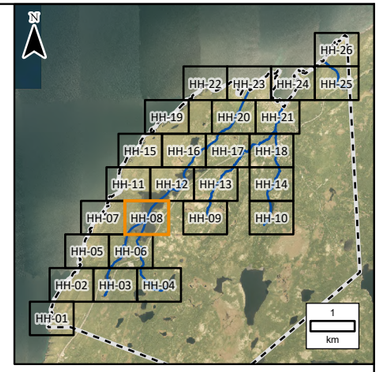
DECEMBER 2025 | FIGURE 3.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1





LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

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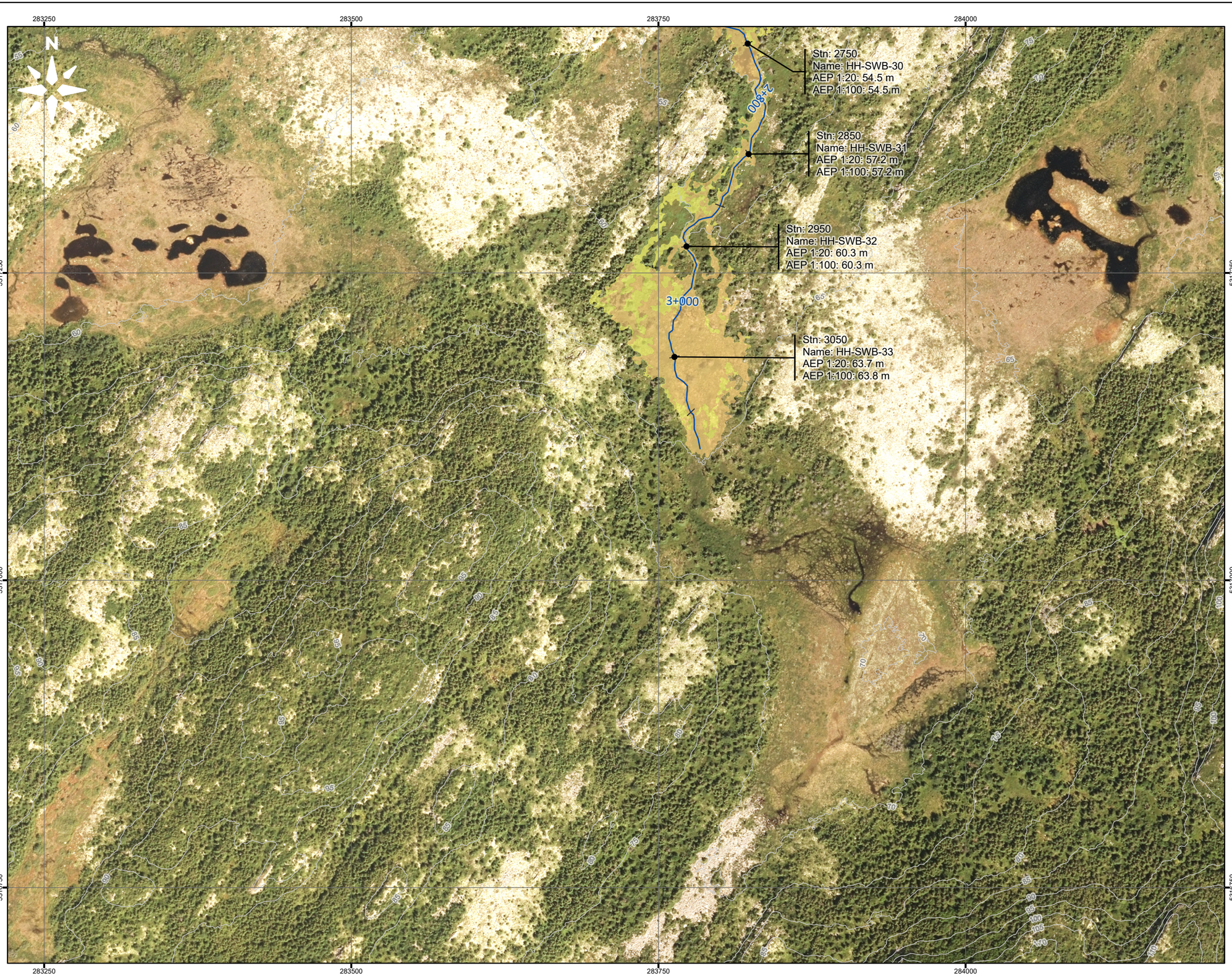
Newfoundland Labrador Canada

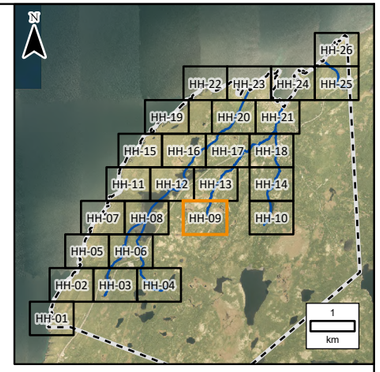
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-08

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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

20 0 20 40 60 80 100
Metres

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).

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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)
AEP FLOOD ZONE - HH-09

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1

284750 285000 285250 285500

5317250 5317000 5316750

N

Stn: 2650
Name: HH-SHB-37
AEP 1:20: 57.8 m
AEP 1:100: 57.8 m

Stn: 2750
Name: HH-SHB-38
AEP 1:20: 57.8 m
AEP 1:100: 57.8 m

2+800

Stn: 2850
Name: HH-SHB-39
AEP 1:20: 57.8 m
AEP 1:100: 57.8 m

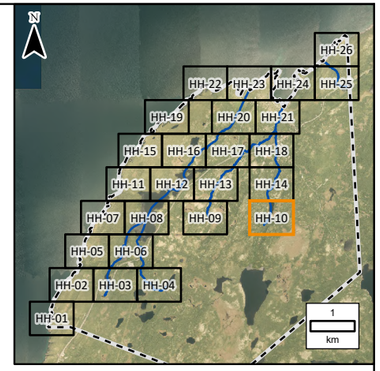
Stn: 2950
Name: HH-SHB-40
AEP 1:20: 57.9 m
AEP 1:100: 57.9 m

3+000

Stn: 3050
Name: HH-SHB-41
AEP 1:20: 58.0 m
AEP 1:100: 58.1 m

Stn: 3150
Name: HH-SHB-42
AEP 1:20: 59.0 m
AEP 1:100: 59.0 m

3+200



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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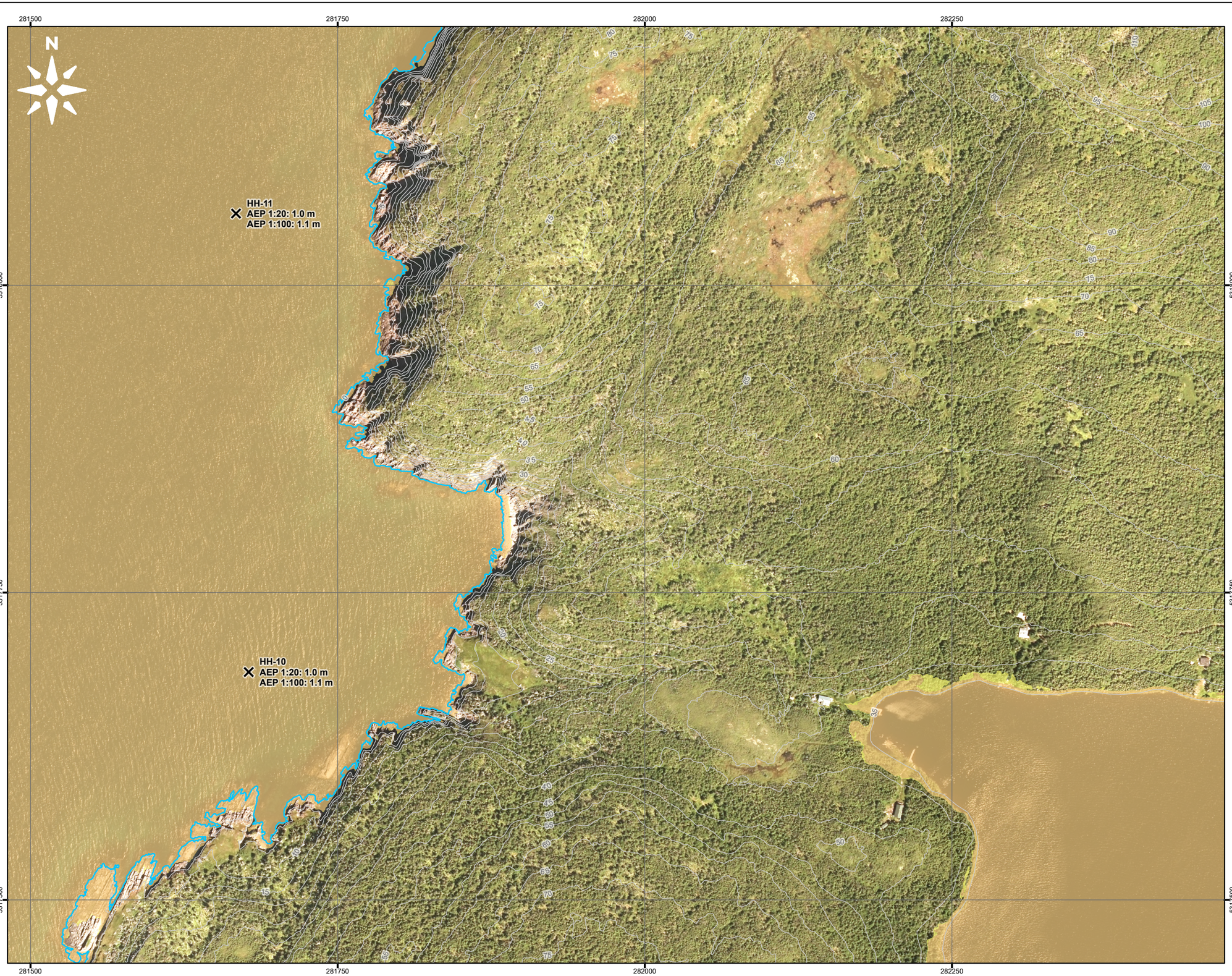
Newfoundland Labrador Canada

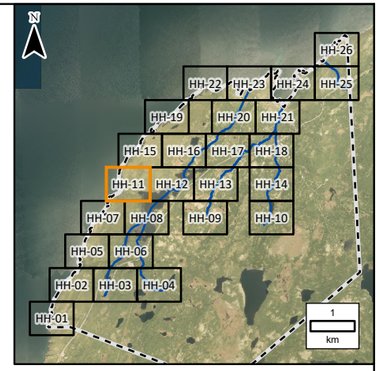
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-10

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
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20 0 20 40 60 80 100
Metres

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).

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

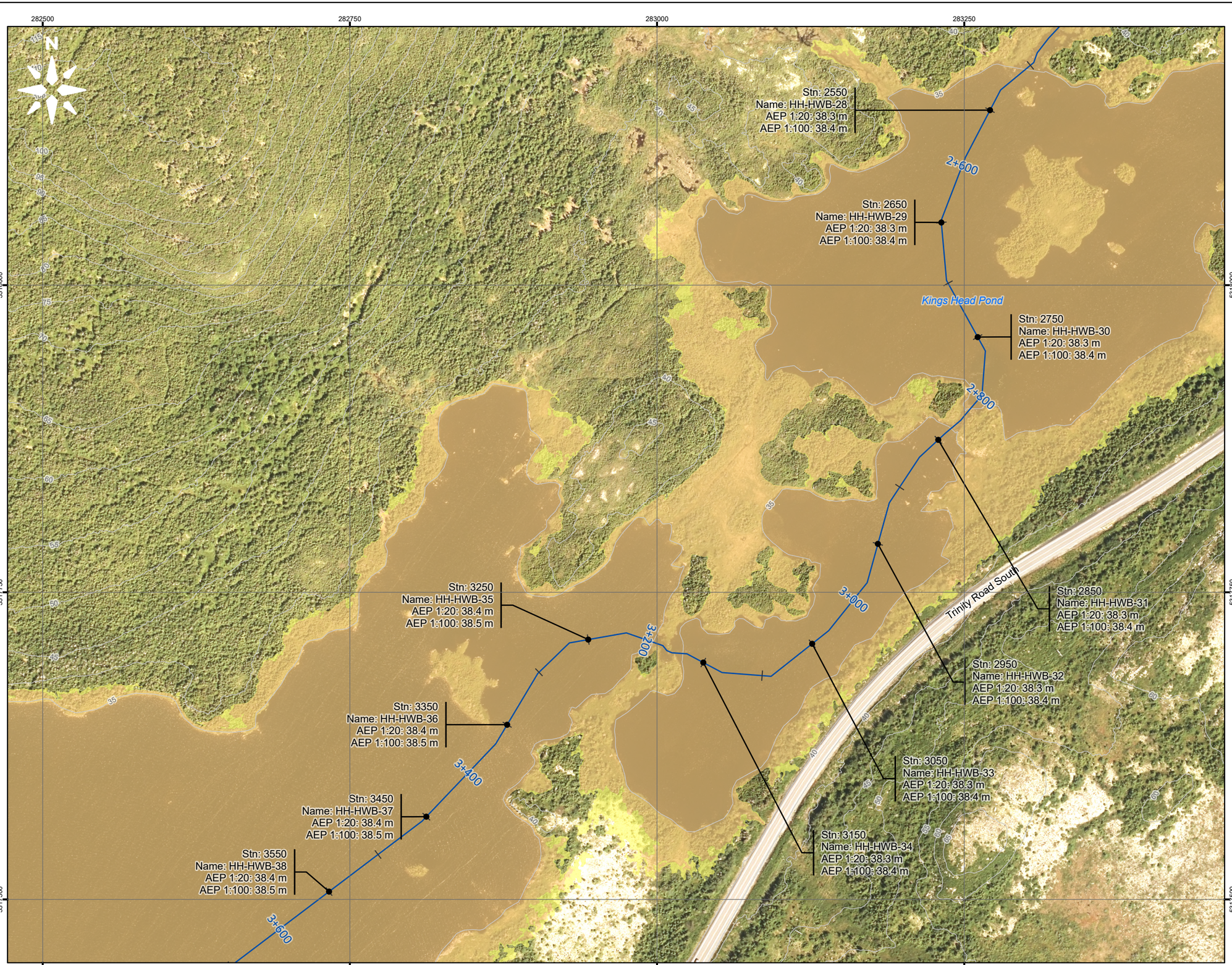
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-11

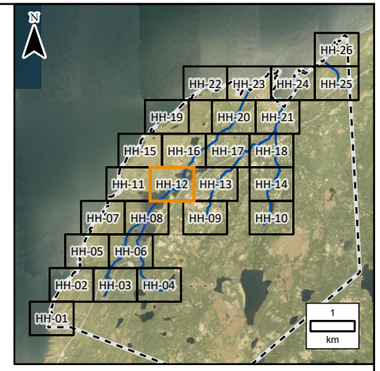
DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\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-Fig3.2
11"x17" PLOT SCALE 1:1

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FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataVArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1





LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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) AEP FLOOD ZONE - HH-12

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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283500 283750 284000 284250

5318000 5317750 5317500

Trinity Road South

Stn: 1950
Name: HH-SWB-22
AEP 1:20: 38.2 m
AEP 1:100: 38.2 m

Stn: 1750
Name: HH-SWB-20
AEP 1:20: 34.3 m
AEP 1:100: 34.3 m

Stn: 1850
Name: HH-SWB-21
AEP 1:20: 35.4 m
AEP 1:100: 35.4 m

Stn: 2050
Name: HH-SWB-23
AEP 1:20: 41.0 m
AEP 1:100: 41.1 m

Stn: 2150
Name: HH-SWB-24
AEP 1:20: 46.1 m
AEP 1:100: 46.1 m

Stn: 2250
Name: HH-SWB-25
AEP 1:20: 48.4 m
AEP 1:100: 48.4 m

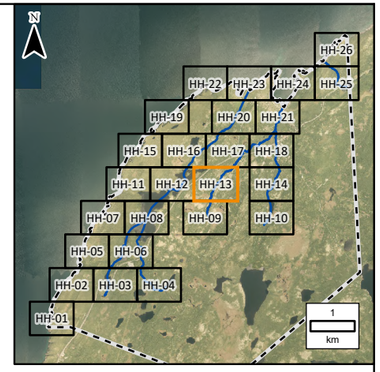
Stn: 2350
Name: HH-SWB-26
AEP 1:20: 49.6 m
AEP 1:100: 49.7 m

Stn: 2450
Name: HH-SWB-27
AEP 1:20: 50.6 m
AEP 1:100: 50.6 m

Stn: 2550
Name: HH-SWB-28
AEP 1:20: 51.9 m
AEP 1:100: 51.9 m

Stn: 2650
Name: HH-SWB-29
AEP 1:20: 52.2 m
AEP 1:100: 52.2 m

1+800 2+000 2+200 2+400 2+600



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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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) AEP FLOOD ZONE - HH-13

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\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-Fig3.2
11"x17" PLOT SCALE 1:1

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284750 285000 285250 285500

5318000 5317750 5317500

Stn: 1750
Name: HH-SHB-28
AEP 1:20: 32.7 m
AEP 1:100: 32.8 m

1+800

Stn: 1850
Name: HH-SHB-29
AEP 1:20: 34.6 m
AEP 1:100: 34.6 m

Stn: 1950
Name: HH-SHB-30
AEP 1:20: 36.7 m
AEP 1:100: 36.8 m

2+000

Stn: 2050
Name: HH-SHB-31
AEP 1:20: 39.3 m
AEP 1:100: 39.3 m

Stn: 2150
Name: HH-SHB-32
AEP 1:20: 42.8 m
AEP 1:100: 42.8 m

2+200

Stn: 2250
Name: HH-SHB-33
AEP 1:20: 47.8 m
AEP 1:100: 47.8 m

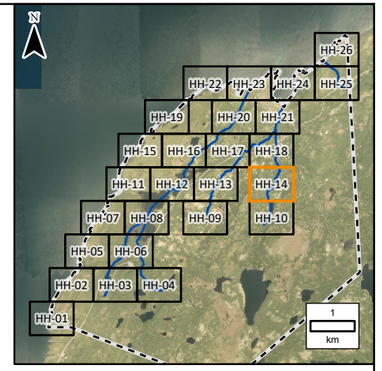
Stn: 2350
Name: HH-SHB-34
AEP 1:20: 53.1 m
AEP 1:100: 53.2 m

2+400

Stn: 2450
Name: HH-SHB-35
AEP 1:20: 55.5 m
AEP 1:100: 55.5 m

Stn: 2550
Name: HH-SHB-36
AEP 1:20: 57.4 m
AEP 1:100: 57.5 m

2+600



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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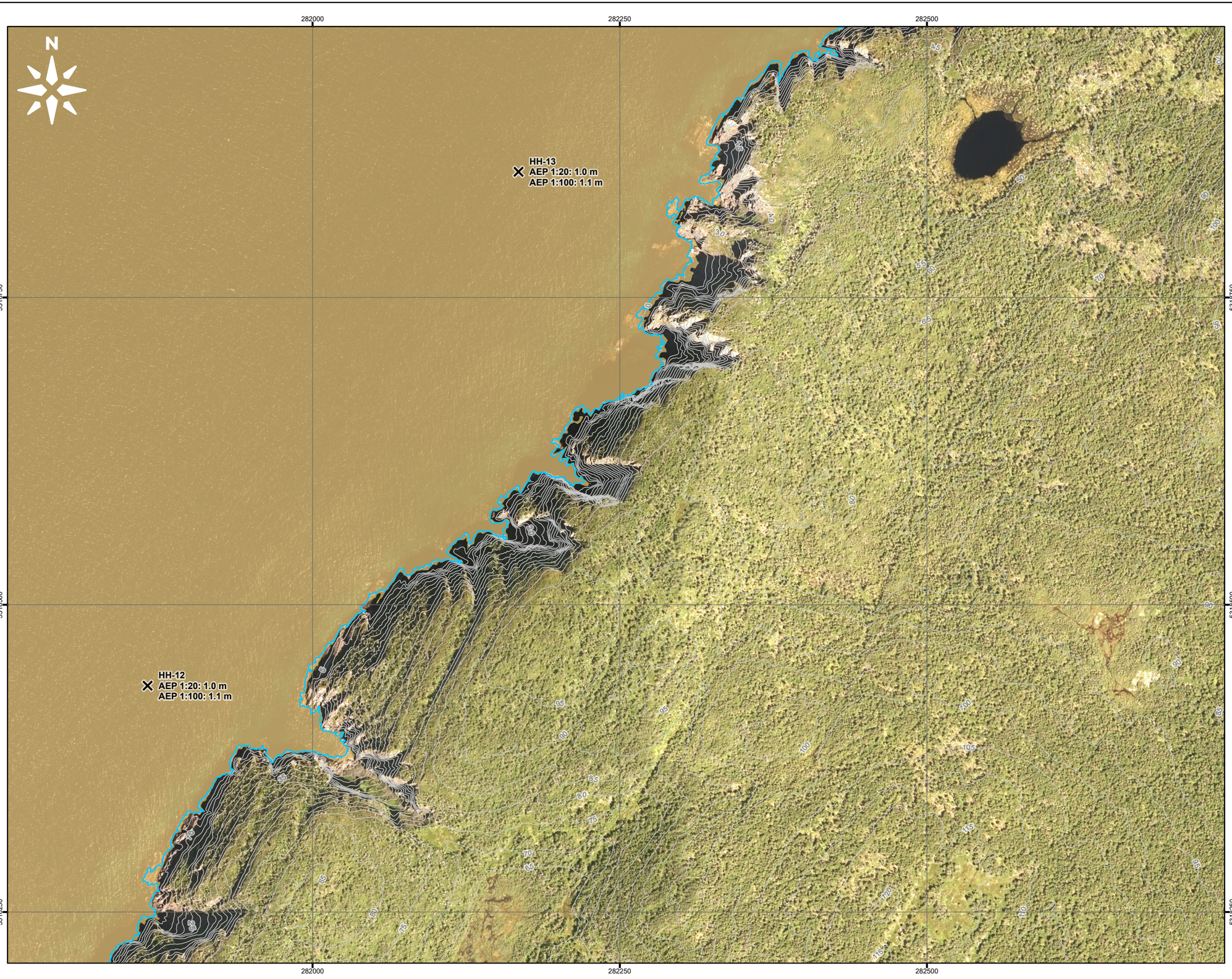
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

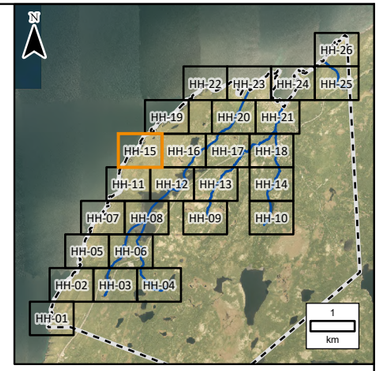
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-14

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\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-Fig3.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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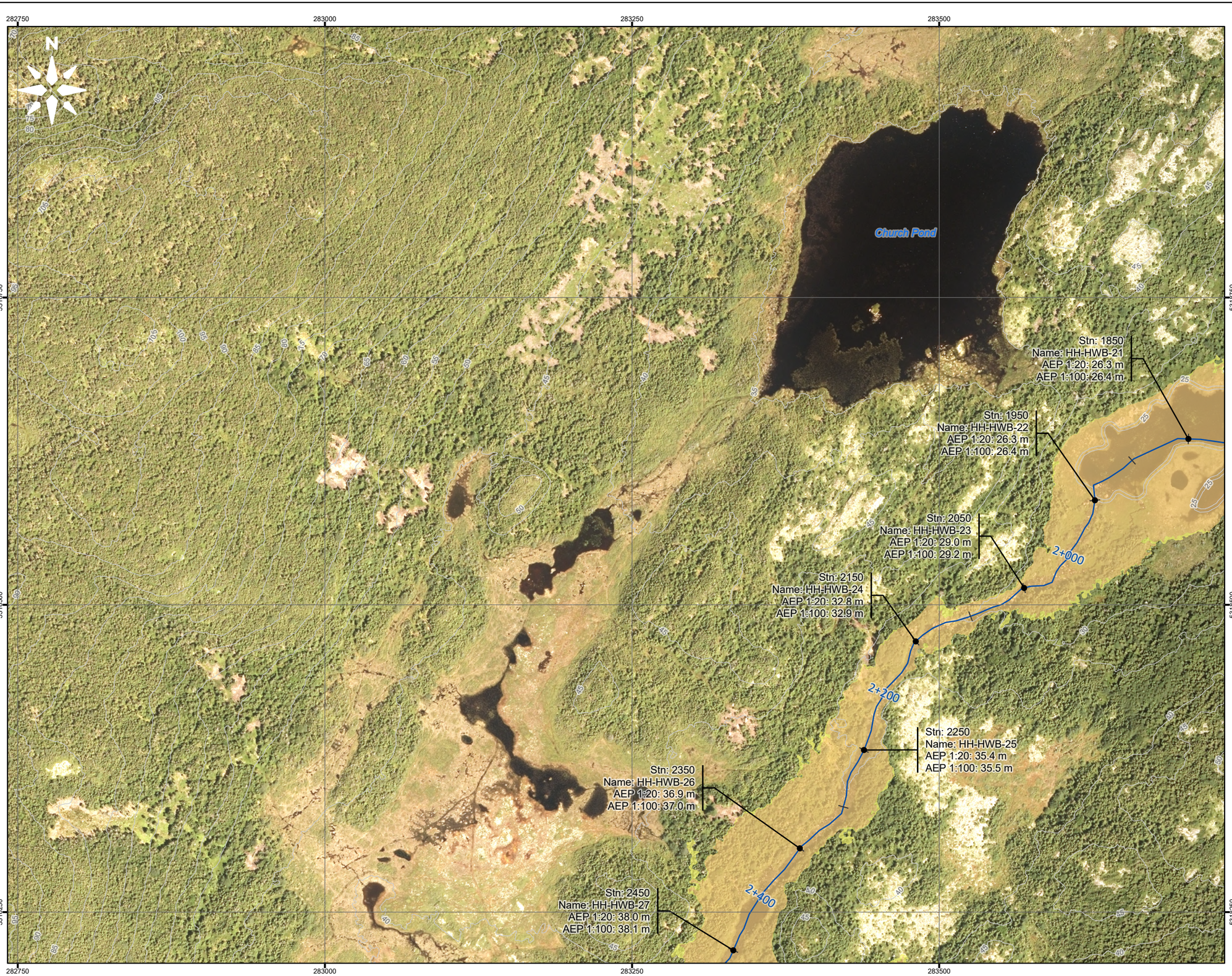
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

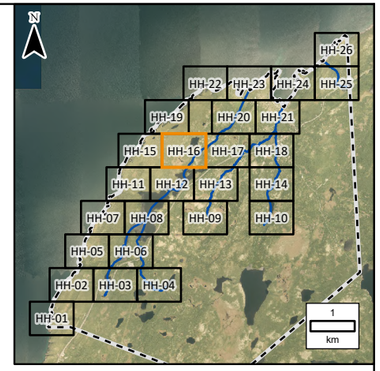
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-15

DECEMBER 2025 | FIGURE 3.2 | REV.: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\DataArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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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)
AEP FLOOD ZONE - HH-16

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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283750 284000 284250 284500

5318750 5318500 5318250

N

Stn: 1350
Name: HH-HWB-16
AEP 1:20: 19.2 m
AEP 1:100: 19.3 m

Stn: 1450
Name: HH-HWB-17
AEP 1:20: 22.5 m
AEP 1:100: 22.6 m

Stn: 1550
Name: HH-HWB-18
AEP 1:20: 23.6 m
AEP 1:100: 23.8 m

Stn: 1650
Name: HH-HWB-19
AEP 1:20: 24.8 m
AEP 1:100: 24.9 m

Stn: 1750
Name: HH-HWB-20
AEP 1:20: 26.1 m
AEP 1:100: 26.2 m

1+400
1+600
1+800

Stn: 950
Name: HH-SWB-10
AEP 1:20: 21.5 m
AEP 1:100: 21.6 m

Stn: 1050
Name: HH-SWB-11
AEP 1:20: 22.1 m
AEP 1:100: 22.2 m

Stn: 1150
Name: HH-SWB-12
AEP 1:20: 22.5 m
AEP 1:100: 22.5 m

Stn: 1250
Name: HH-SWB-13
AEP 1:20: 22.7 m
AEP 1:100: 22.8 m

Stn: 1269.5
Name: HH-SWB-14
AEP 1:20: 22.8 m
AEP 1:100: 22.9 m

1+000
1+200

Meade Garden Road

Trinity Road South

Stn: 1290.5
Name: HH-SWB-15
AEP 1:20: 23.9 m
AEP 1:100: 24.2 m

Stn: 1350
Name: HH-SWB-16
AEP 1:20: 24.1 m
AEP 1:100: 24.3 m

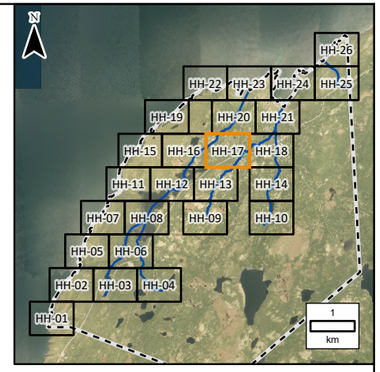
1+400

Stn: 1450
Name: HH-SWB-17
AEP 1:20: 26.9 m
AEP 1:100: 26.9 m

Stn: 1650
Name: HH-SWB-19
AEP 1:20: 30.7 m
AEP 1:100: 30.8 m

1+600

Stn: 1550
Name: HH-SWB-18
AEP 1:20: 28.7 m
AEP 1:100: 28.7 m



LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)

20 0 20 40 60 80 100
Metres

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).

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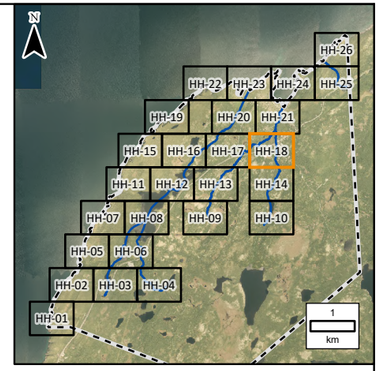
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-17

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\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-Fig3.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
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- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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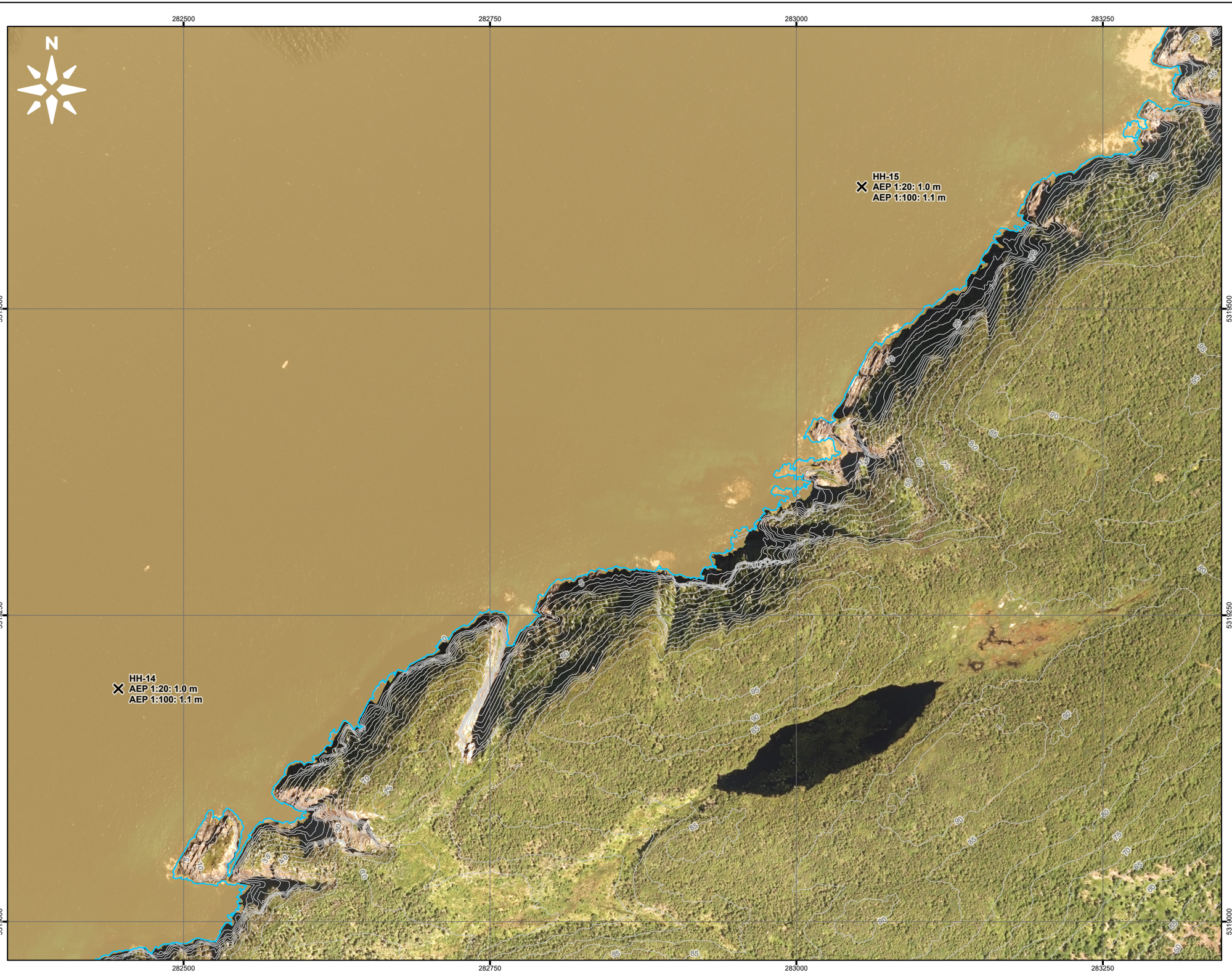
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

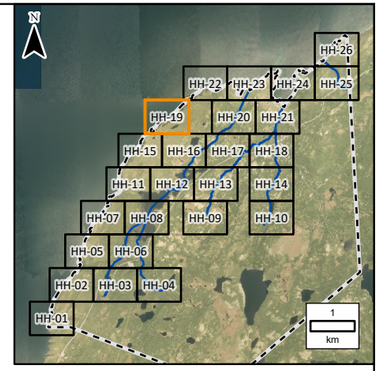
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-18

DECEMBER 2025	FIGURE 3.2	REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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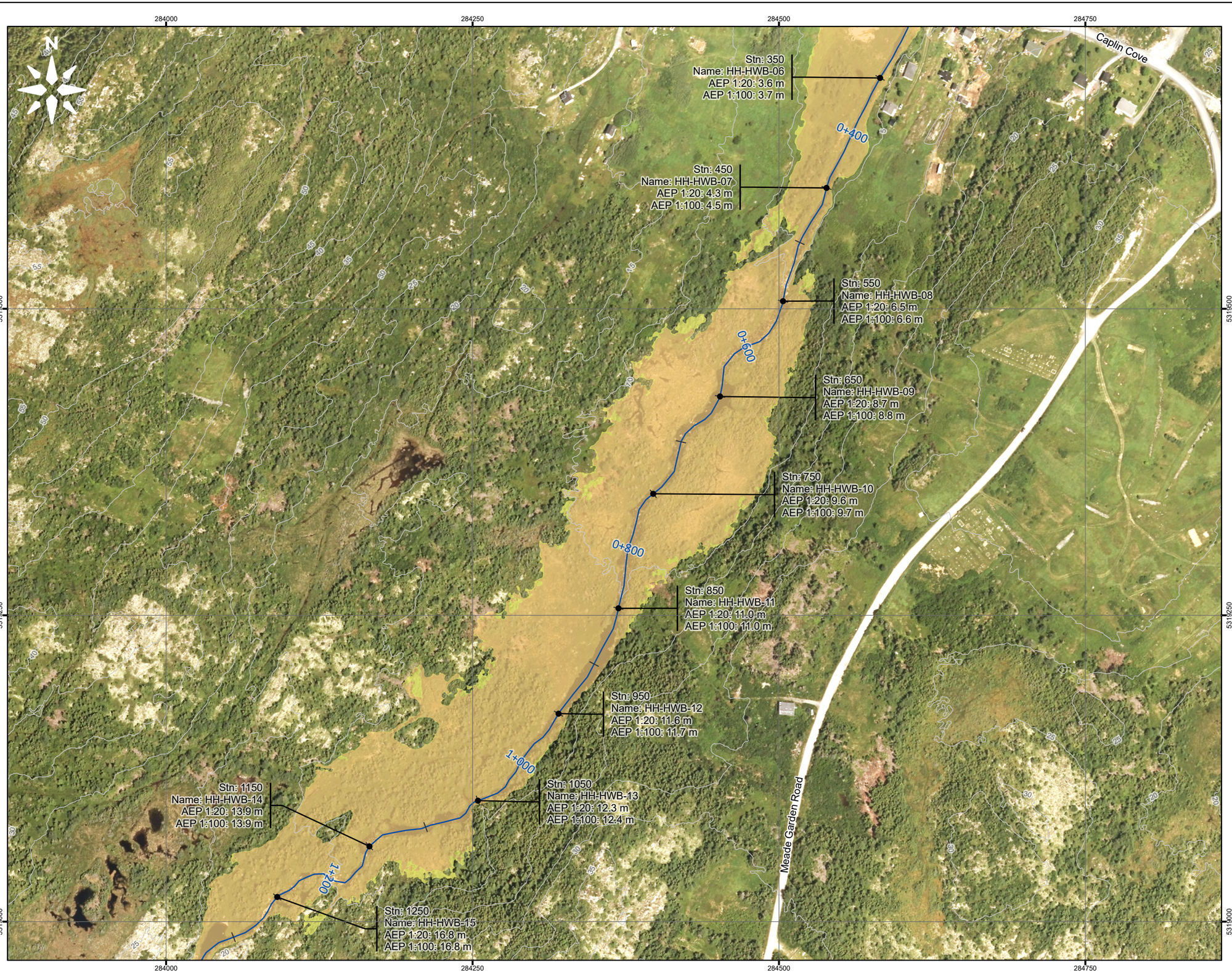
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

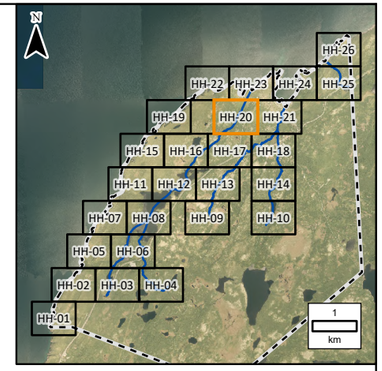
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-19

DECEMBER 2025 | FIGURE 3.2 | REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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).

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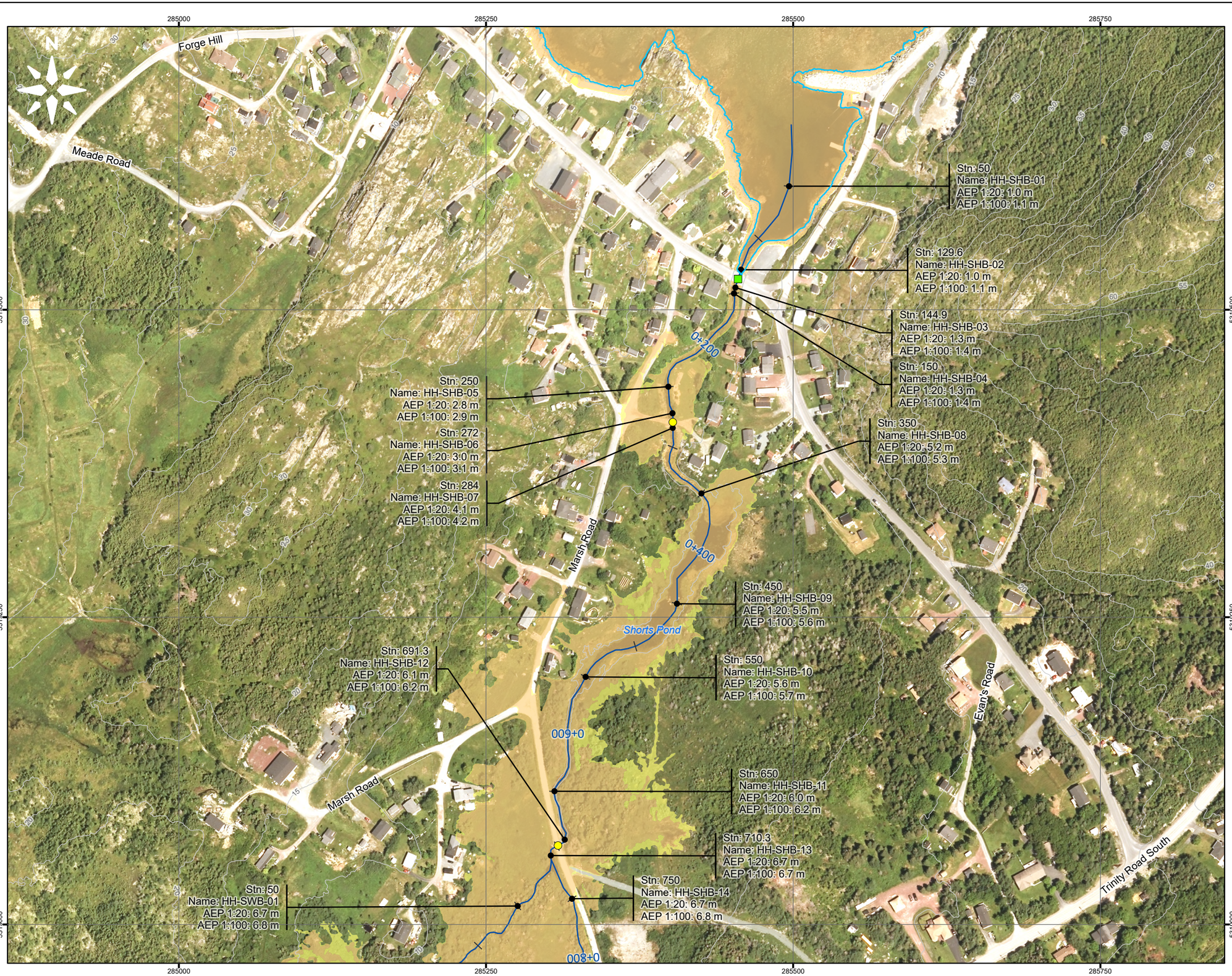
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

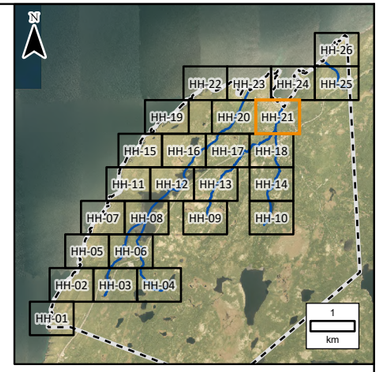
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-20

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\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-Fig3.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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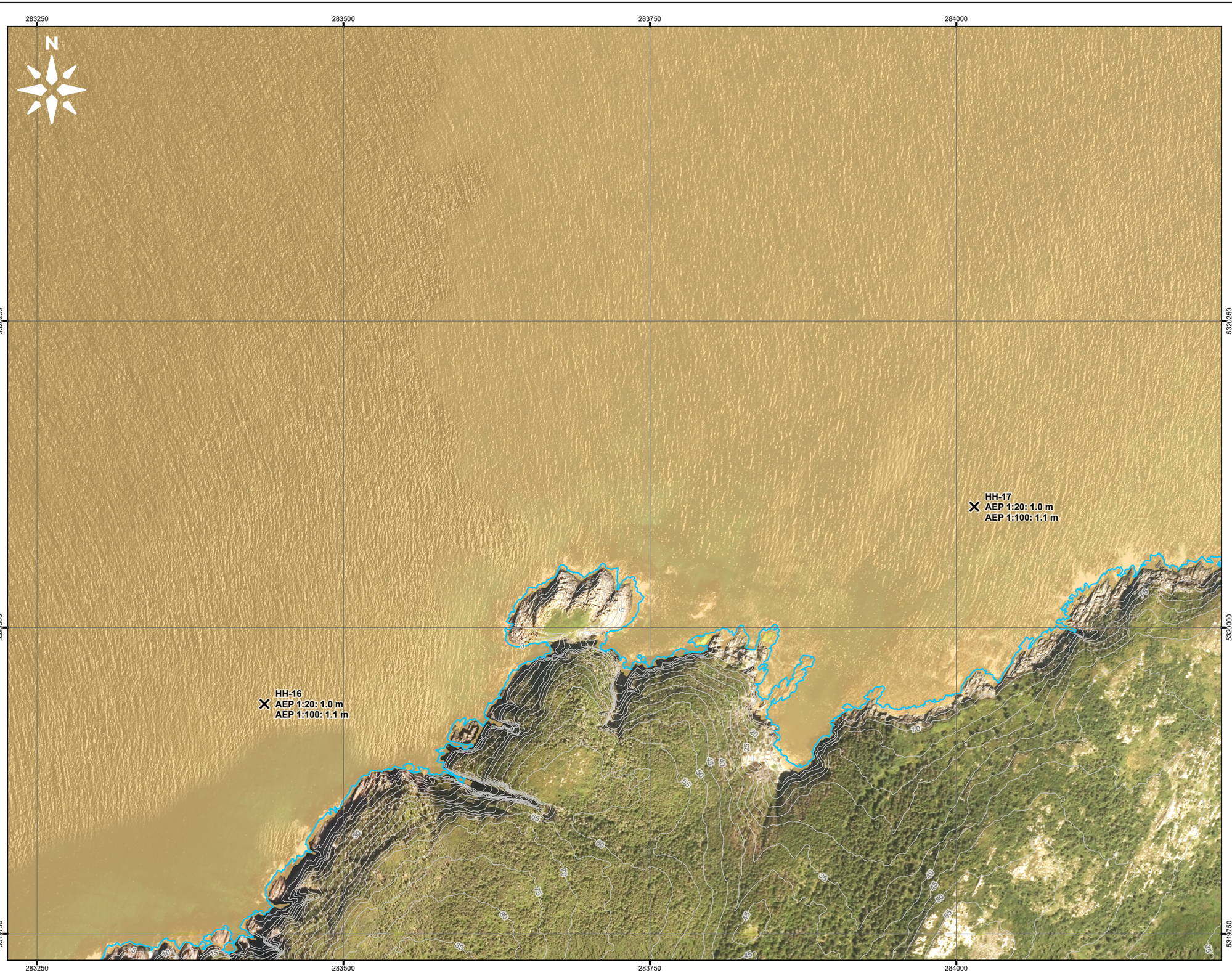
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

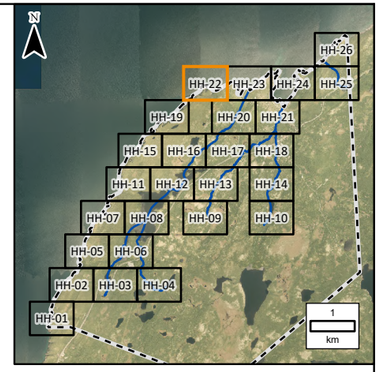
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-21

DECEMBER 2025 | FIGURE 3.2 | REV: 0

FileName: P:\Projects\2022\22-3217-002\Design\GIS\Data\ArcPro\Inundation Mapping\Hant's Harbour Inundation Mapping aprx 22-3217-002-Fig3.2
11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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)
AEP FLOOD ZONE - HH-22

DECEMBER 2025	FIGURE 3.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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11"x17" PLOT SCALE 1:1

284250 284500 284750 285000

5320250 5320000 5319750

N

HH-18
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

HH-19
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

HH-20
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

Caplin Cove

Brook Cove

Church Hill

0+200

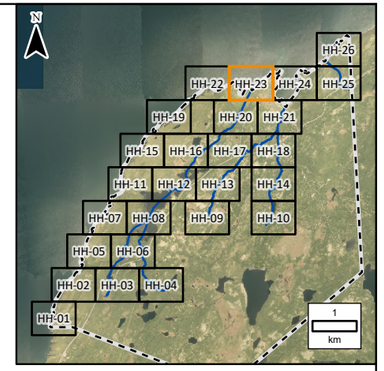
Stn: 250
Name: HH-HWB-03
AEP 1:20: 2.1 m
AEP 1:100: 2.2 m

Stn: 279.3
Name: HH-HWB-04
AEP 1:20: 3.1 m
AEP 1:100: 3.2 m

Stn: 289.8
Name: HH-HWB-05
AEP 1:20: 3.5 m
AEP 1:100: 3.7 m

Stn: 50
Name: HH-HWB-01
AEP 1:20: 1.0 m
AEP 1:100: 1.1 m

Stn: 150
Name: HH-HWB-02
AEP 1:20: 1.1 m
AEP 1:100: 1.2 m



LEGEND:

- 2D Annotation (Stn: 50 / Name: FL-FWR-01 / AEP 1:20: 1.2 m / AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

NOTES:
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20 0 20 40 60 80 100
Metres

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).

NO.	YY/MM/DD	DESCRIPTION	ISSUED BY	CHECK BY
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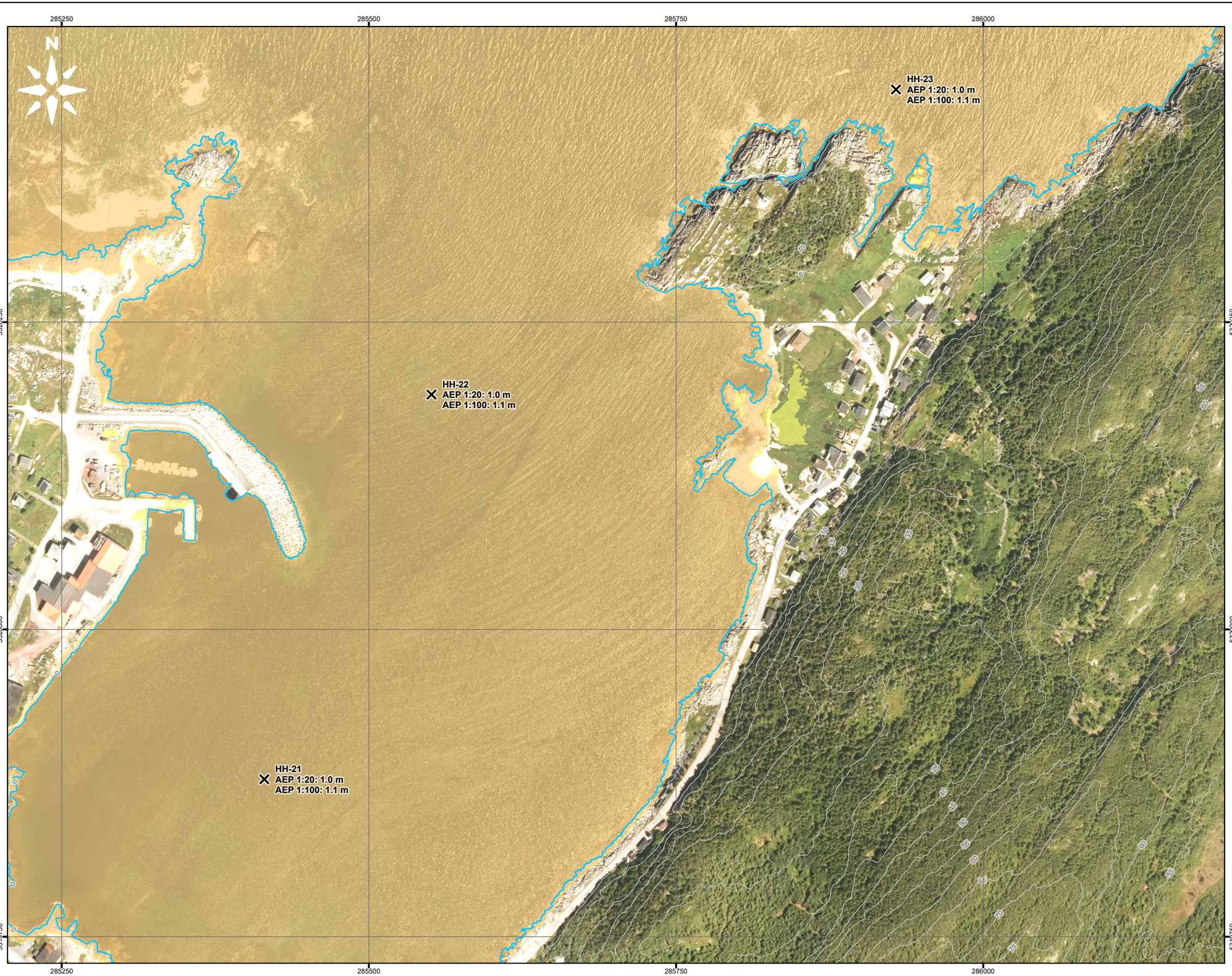
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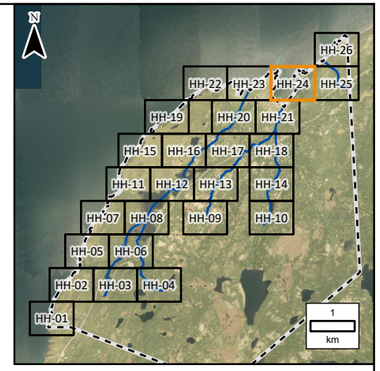
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-23

DECEMBER 2025 | FIGURE 3.2 | REV.: 0

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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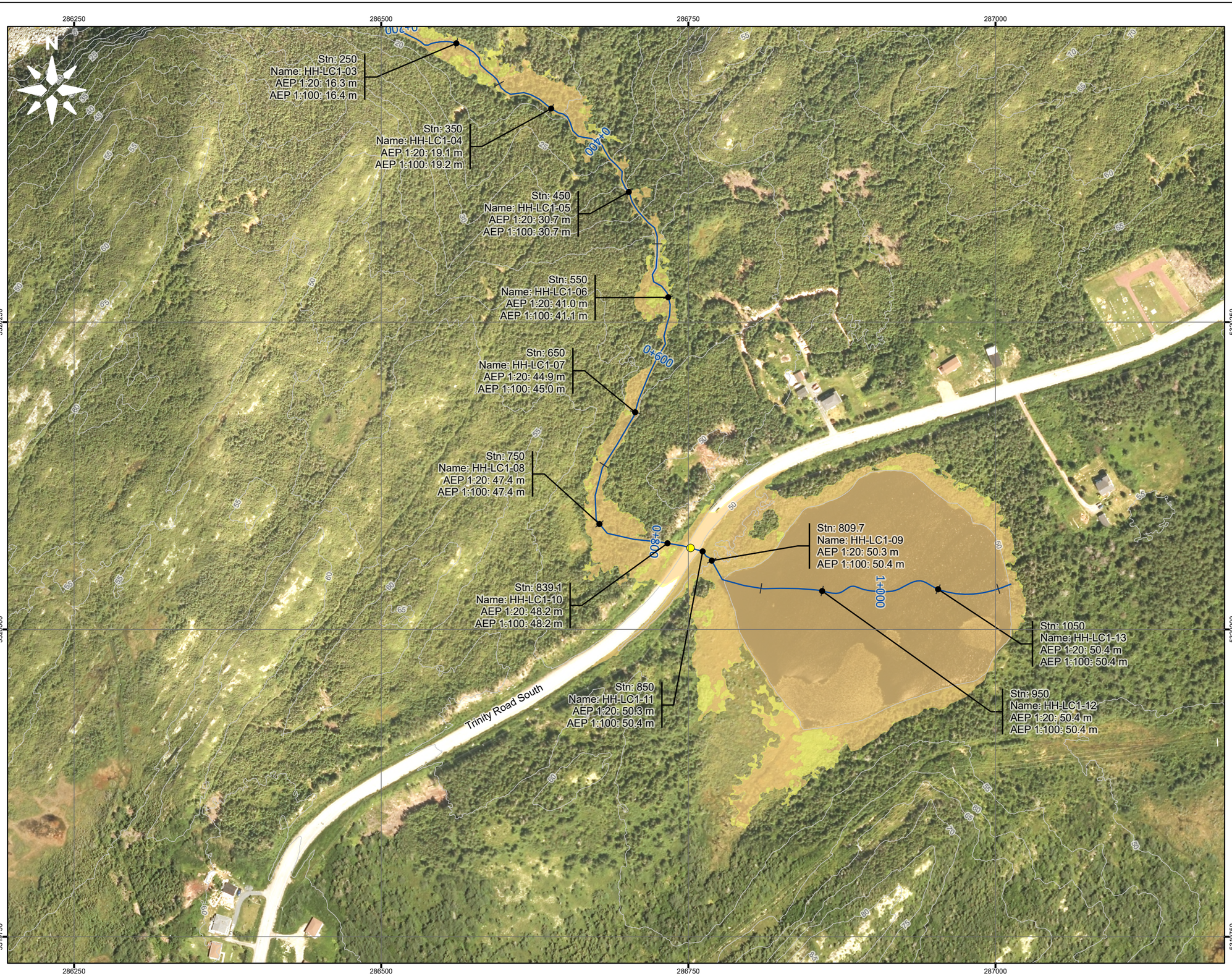
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

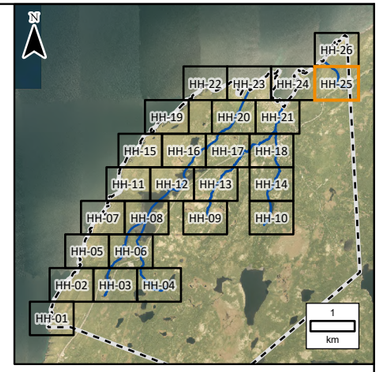
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD)
AEP FLOOD ZONE - HH-24

DECEMBER 2025 | FIGURE 3.2 | REV: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

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

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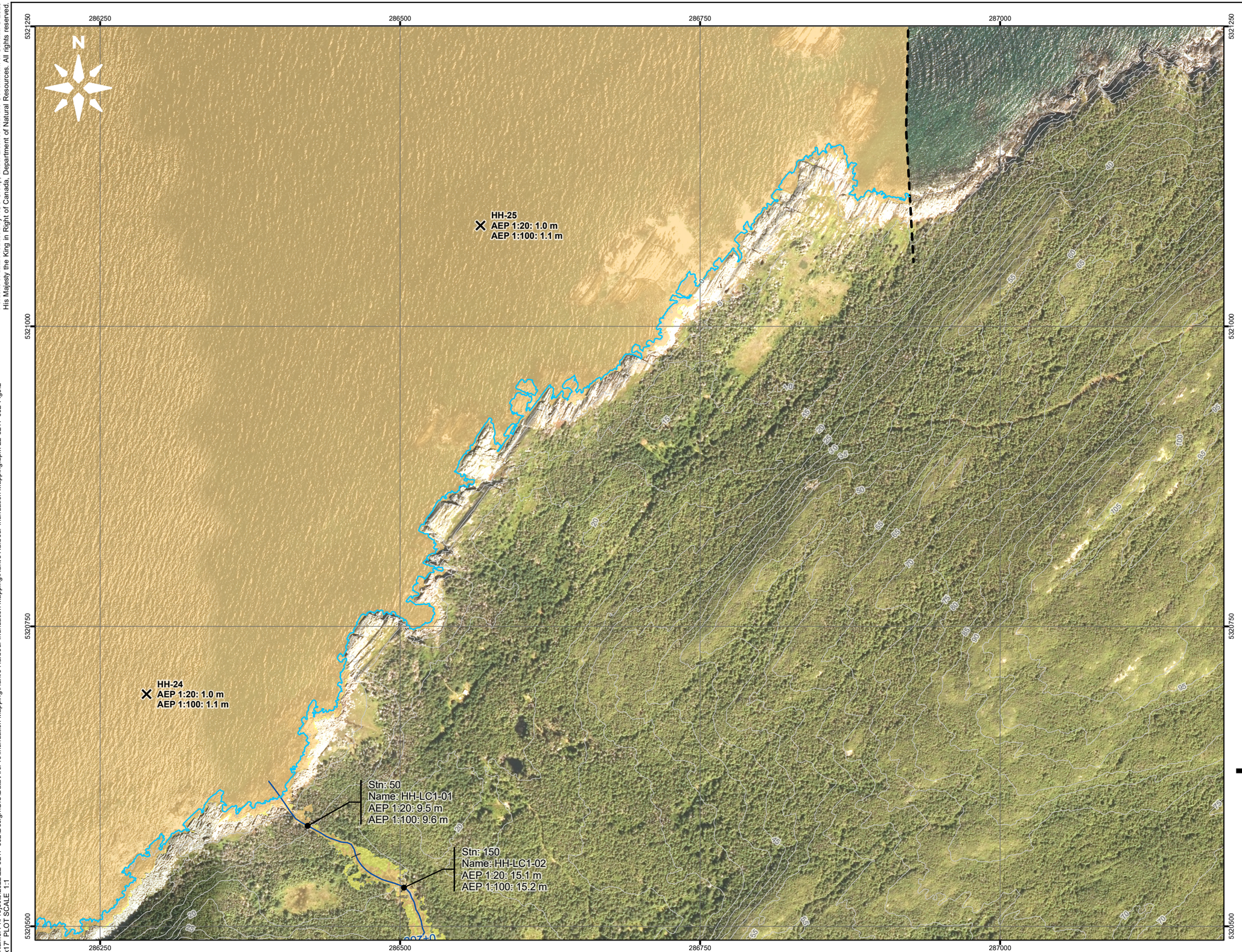
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR

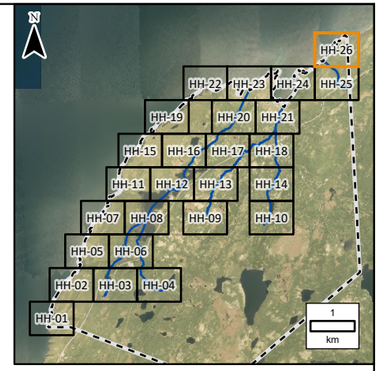
CURRENT CLIMATE AND CURRENT DEVELOPMENT CONDITION (CC-CD) AEP FLOOD ZONE - HH-25

DECEMBER 2025	FIGURE 3.2	REV.: 0

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11"x17" PLOT SCALE 1:1

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LEGEND:

- 2D Annotation (Stn: 50 Name: FL-FWR-01 AEP 1:20: 1.2 m AEP 1:100: 1.5 m)
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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20 0 20 40 60 80 100
Metres

SCALE: 1:3,000 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)
AEP FLOOD ZONE - HH-26

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11"x17" PLOT SCALE 1:1