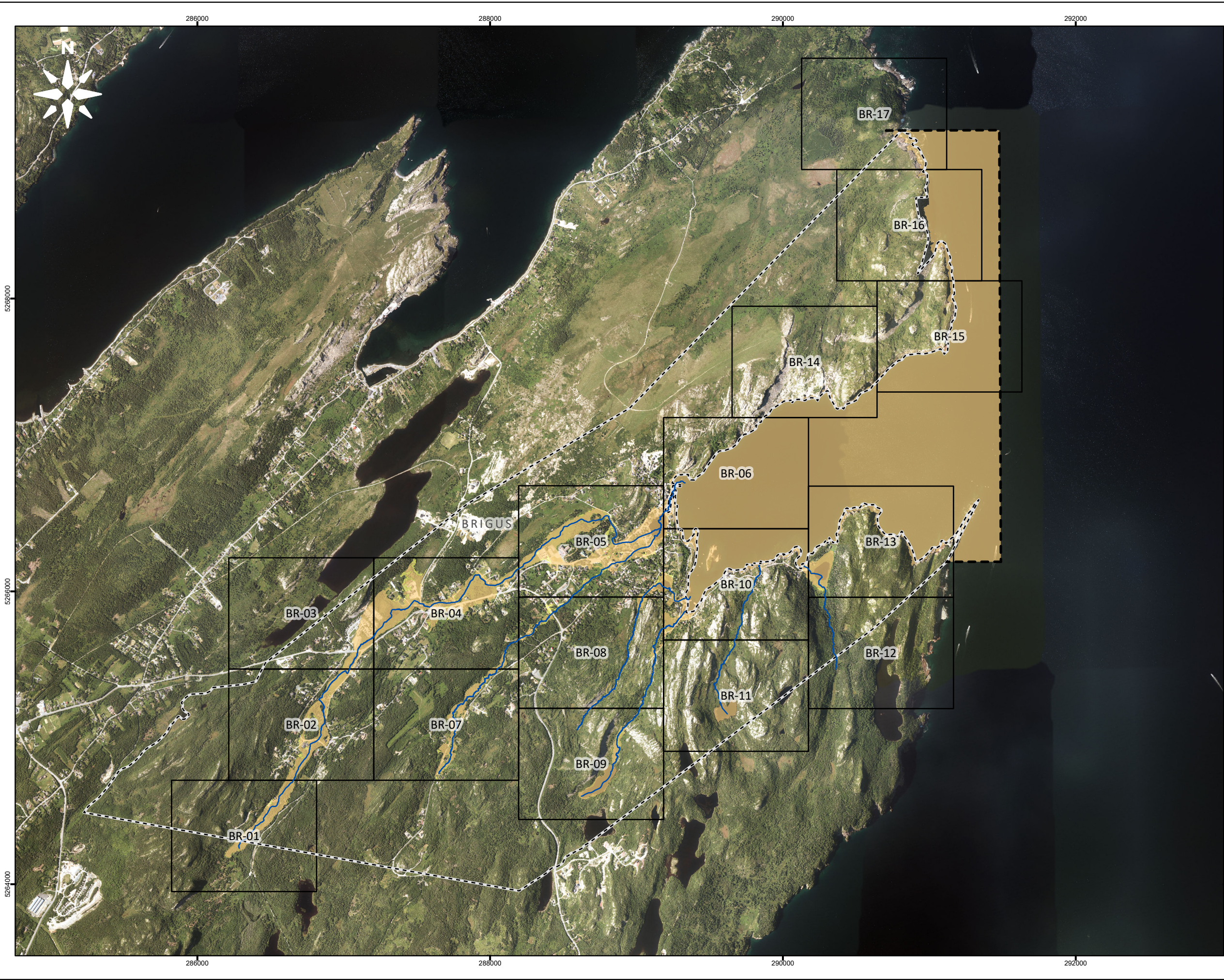




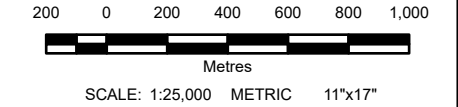
LEGEND:

- 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)

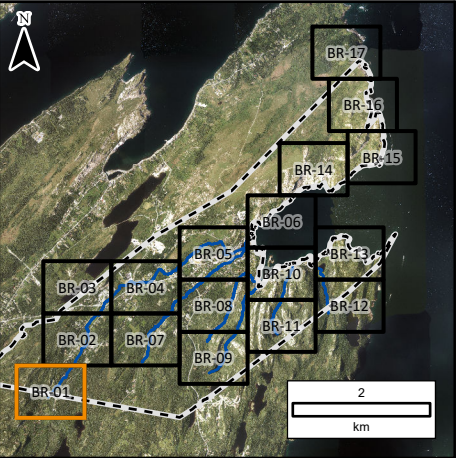
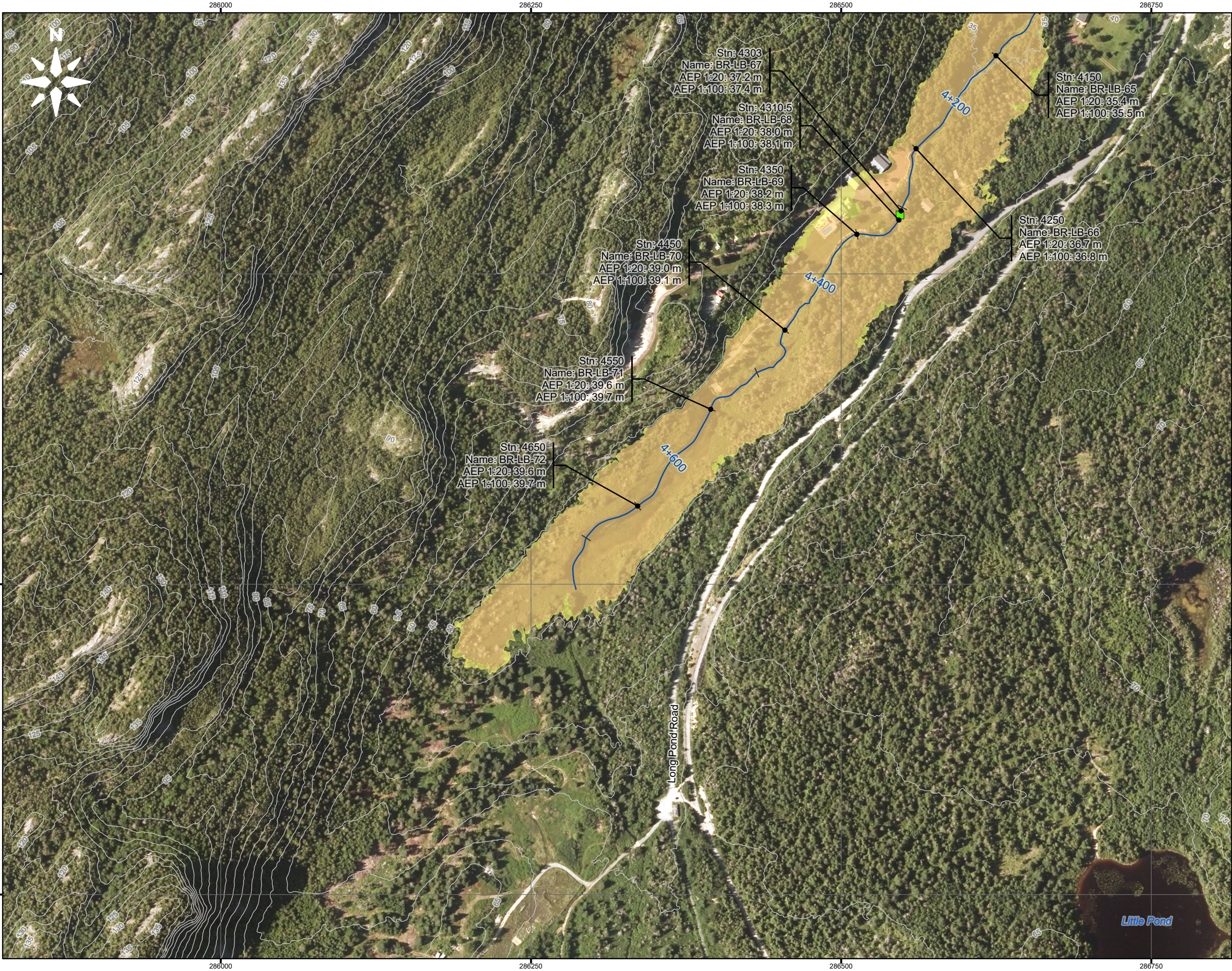
2. The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: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



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).

➡	0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
	NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR					
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - OVERVIEW MAP					
DECEMBER 2025		FIGURE 7.1		REV:	0



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

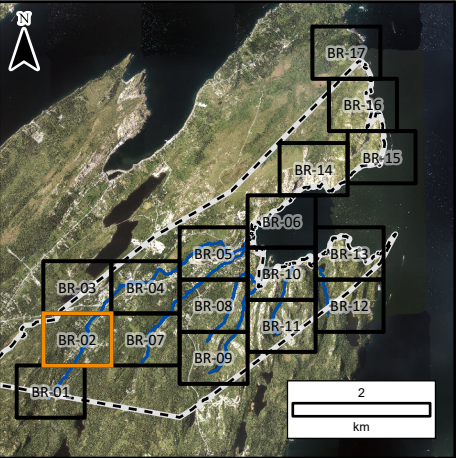
- NOTES:**
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 3. The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).

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).

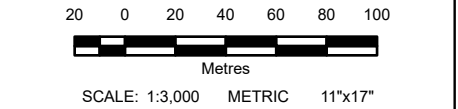
0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-01				
DECEMBER 2025		FIGURE 7.2		REV: 0



LEGEND:

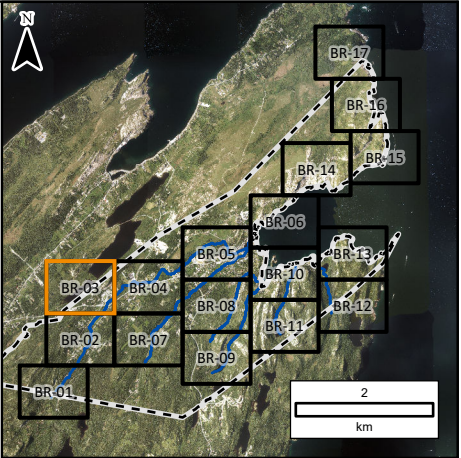
- Stn 50
Name: FL-FWR-01
AEP 1:20: 1.2 m
AEP 1:100: 1.5 m
- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-02				
DECEMBER 2025		FIGURE 7.2		REV: 0



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

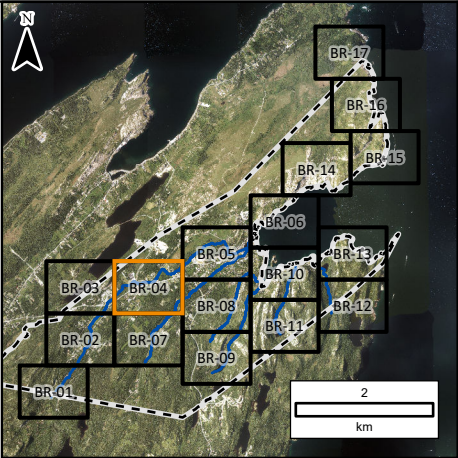
- NOTES:**
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 3. The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).

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).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-03				
DECEMBER 2025		FIGURE 7.2	REV:	0

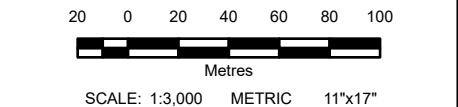


LEGEND:

- 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

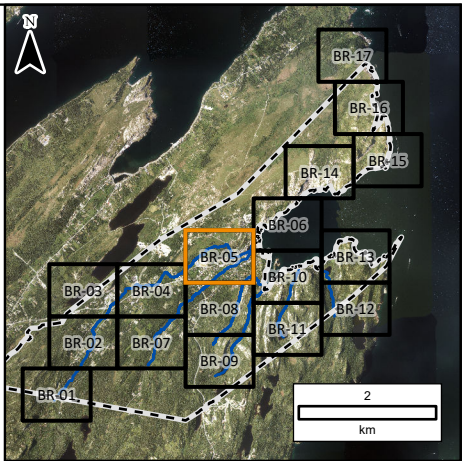
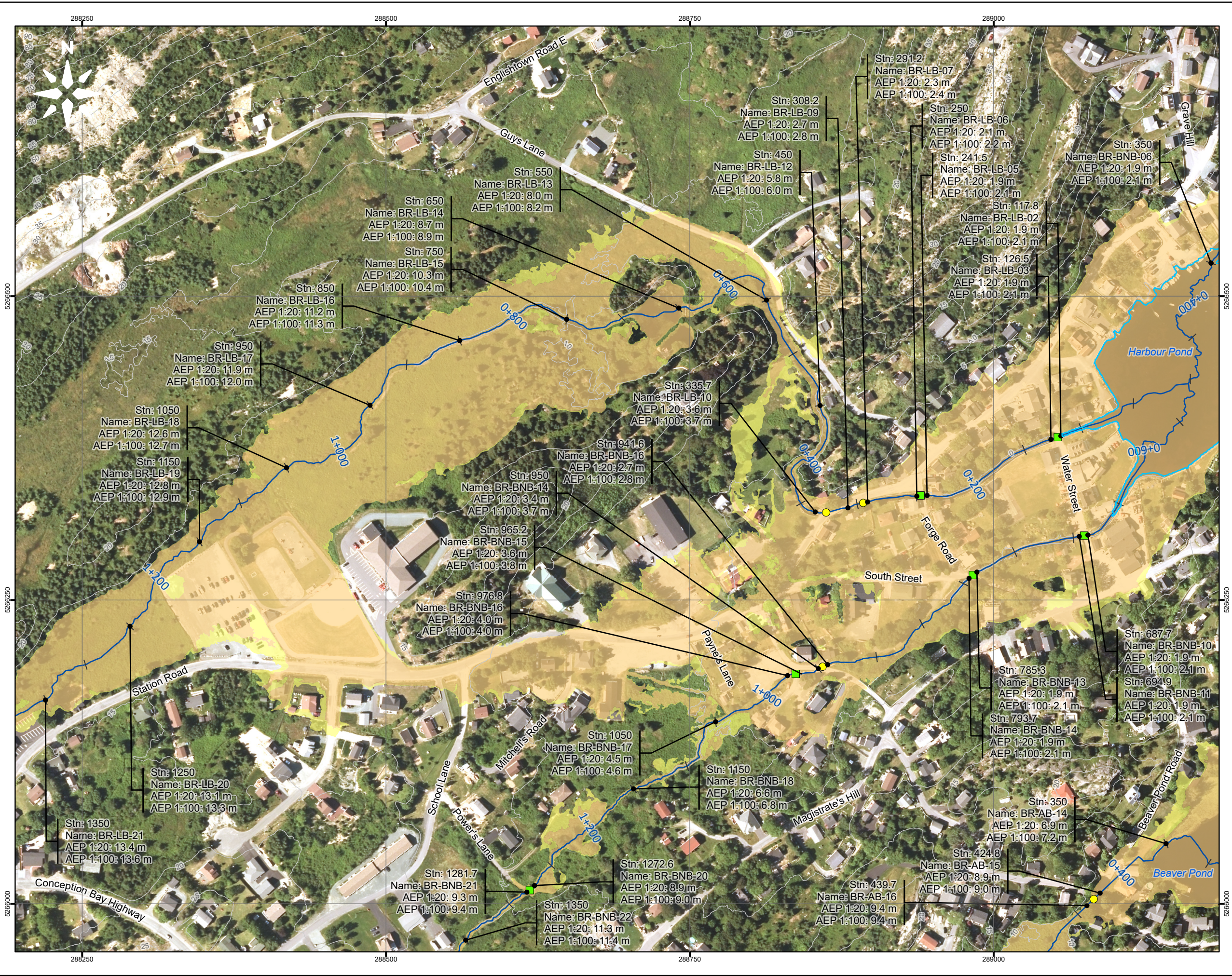
NOTES:

- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
- Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
- The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

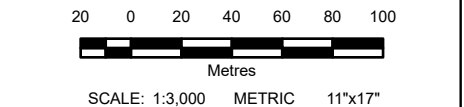
0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-04				
DECEMBER 2025		FIGURE 7.2	REV:	0



LEGEND:

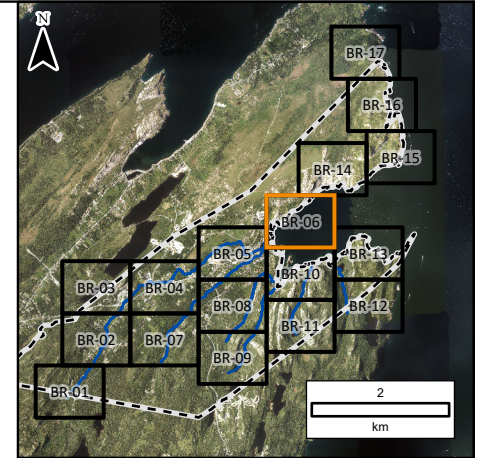
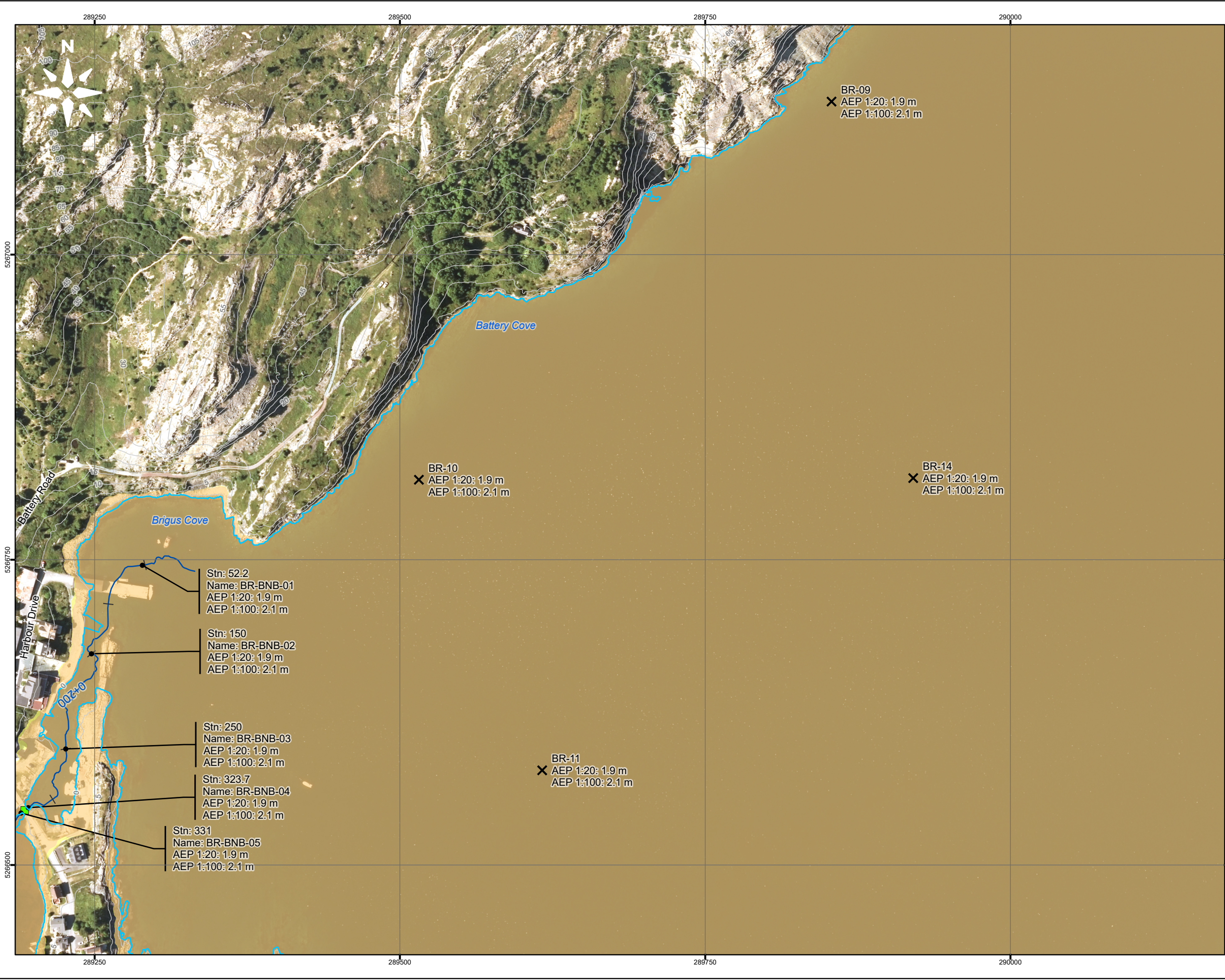
- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-05				
DECEMBER 2025		FIGURE 7.2		REV: 0



LEGEND:

Stn: 50
Name: FL-FWR-01
AEP 1:20: 1.9 m
AEP 1:100: 1.5 m

2D Annotation

X Coastal Water Level

1:20 Year Flood Zone

1:100 Year Flood Zone

River/Creek Centreline

Coastline

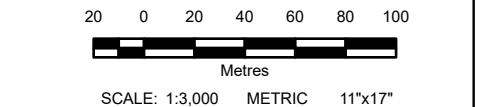
5m LiDAR Contour

Limit of Mapping

Modelled Bridge

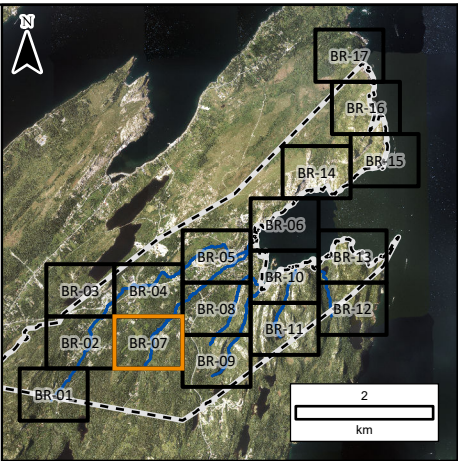
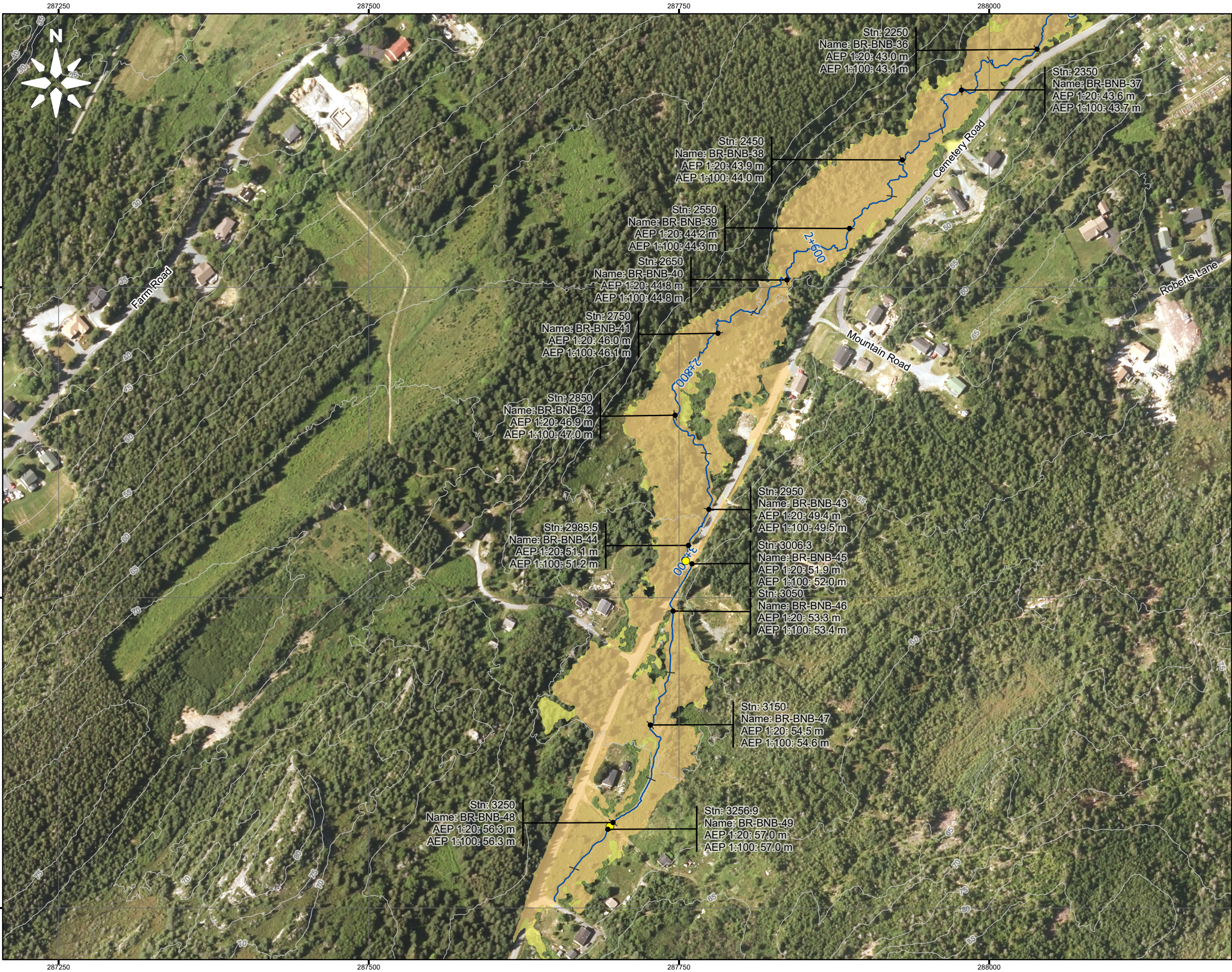
Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

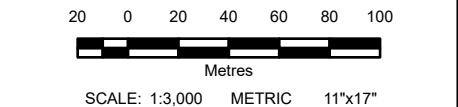
0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-06				
DECEMBER 2025		FIGURE 7.2		REV: 0



LEGEND:

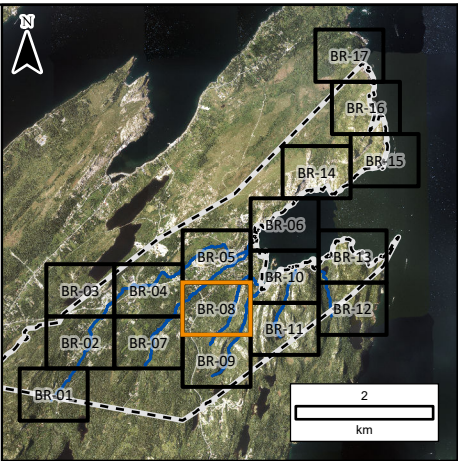
	2D Annotation
	Coastal Water Level
	1:20 Year Flood Zone
	1:100 Year Flood Zone
	River/Creek Centreline
	Coastline
	5m LiDAR Contour
	Limit of Mapping
	Modelled Bridge
	Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

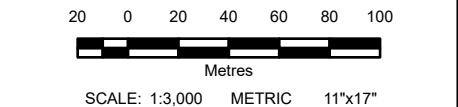
➔	0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
	NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR					
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-07					
DECEMBER 2025			FIGURE 7.2		REV: 0



LEGEND:

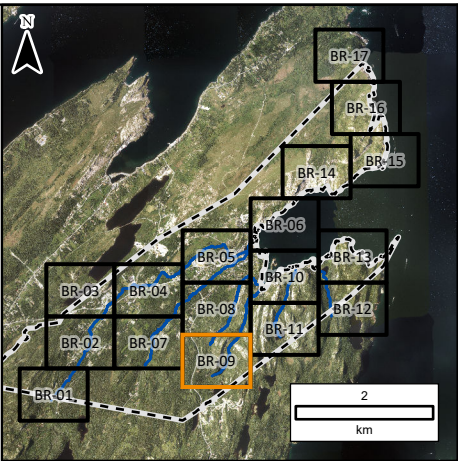
- Stn: 50
Name: FL-FWR-01
AEP 1:20: 1.2 m
AEP 1:100: 1.5 m
- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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



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

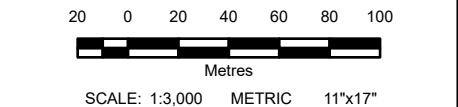
0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-08				
DECEMBER 2025		FIGURE 7.2	REV:	0



LEGEND:

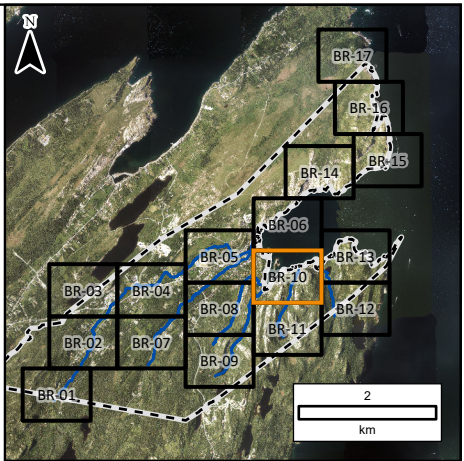
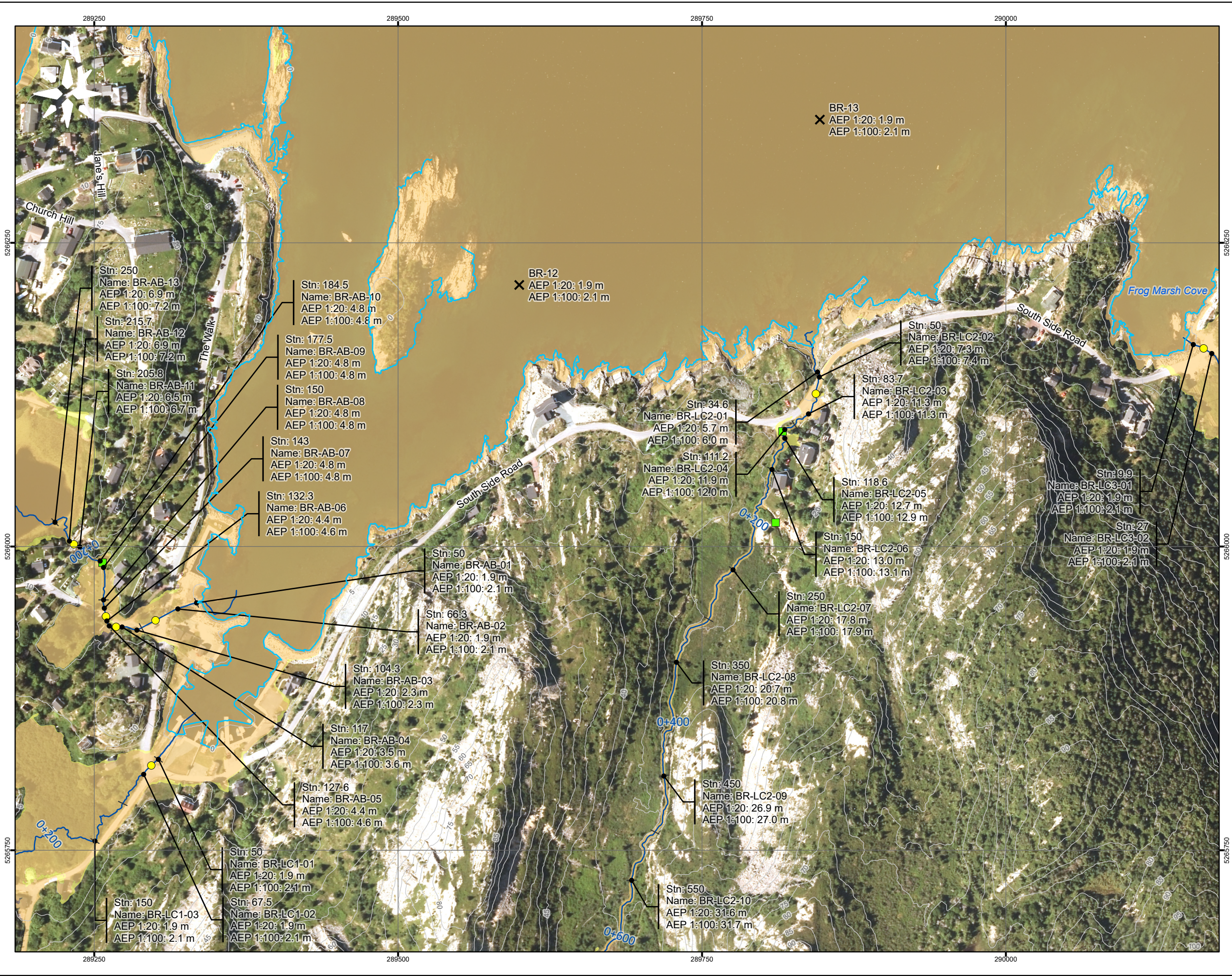
	2D Annotation
	Coastal Water Level
	1:20 Year Flood Zone
	1:100 Year Flood Zone
	River/Creek Centreline
	Coastline
	5m LiDAR Contour
	Limit of Mapping
	Modelled Bridge
	Modelled Culvert

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



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

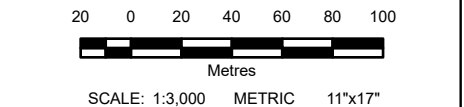
0	25/12/19	ISSUED WITH FINAL REPORT			ALW	DSB
NO.	YYMMDD	DESCRIPTION			ISSUED BY	CHECK BY
REVISIONS / ISSUE						
						
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR						
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-09						
DECEMBER 2025		FIGURE 7.2			REV:	0



LEGEND:

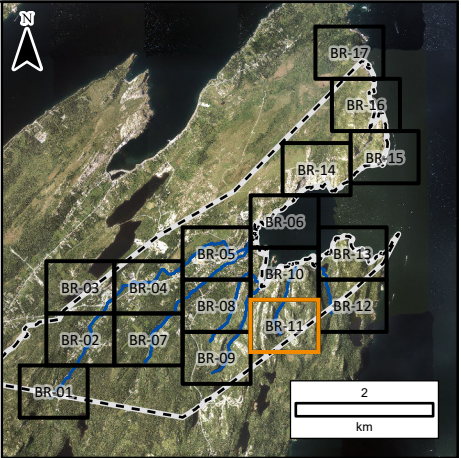
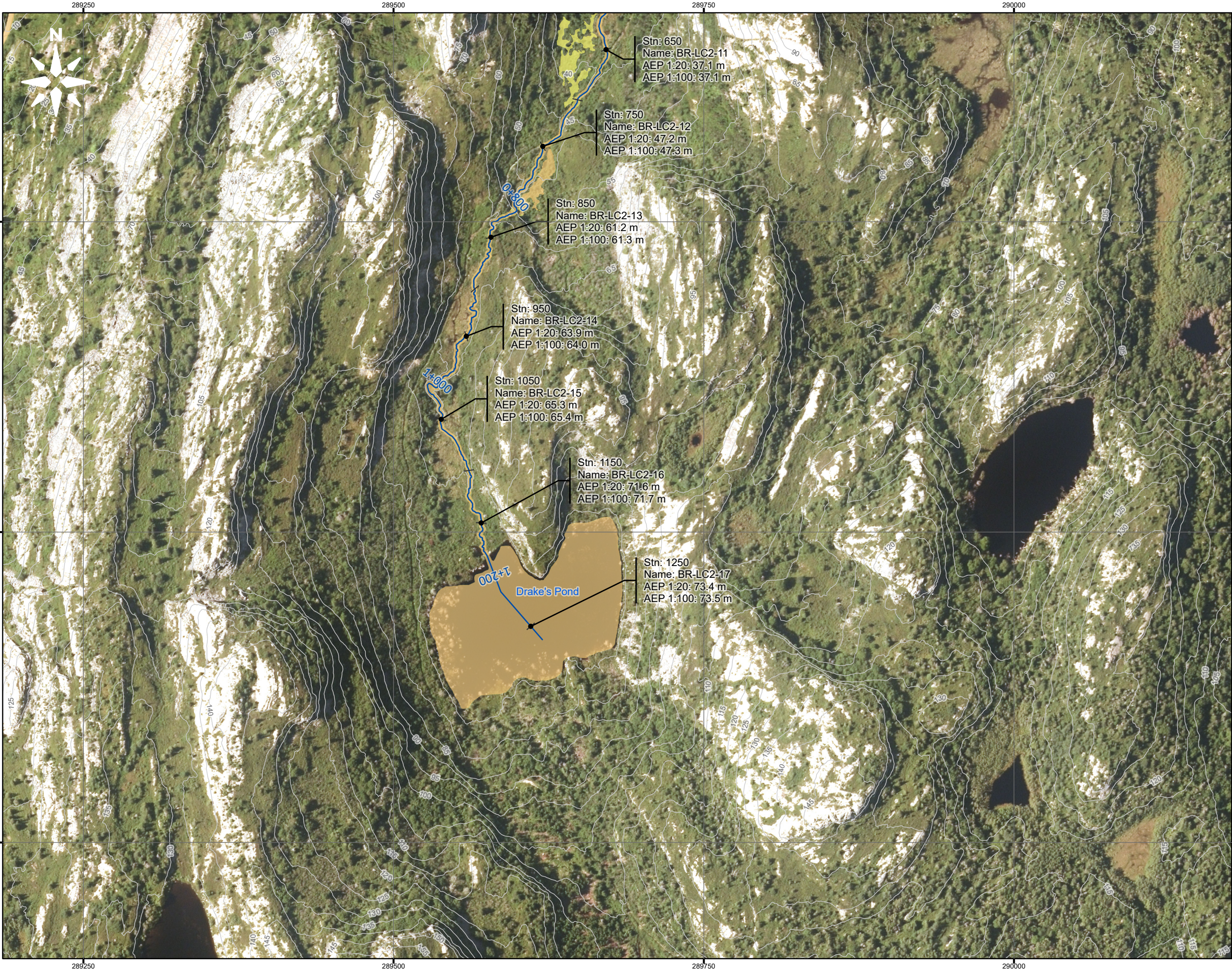
- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

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



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-10				
DECEMBER 2025		FIGURE 7.2		REV: 0

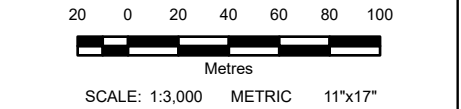


LEGEND:

	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

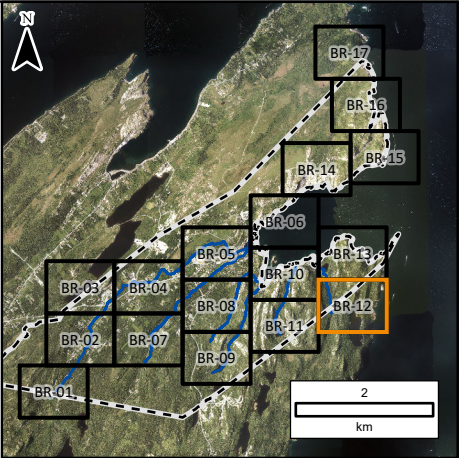
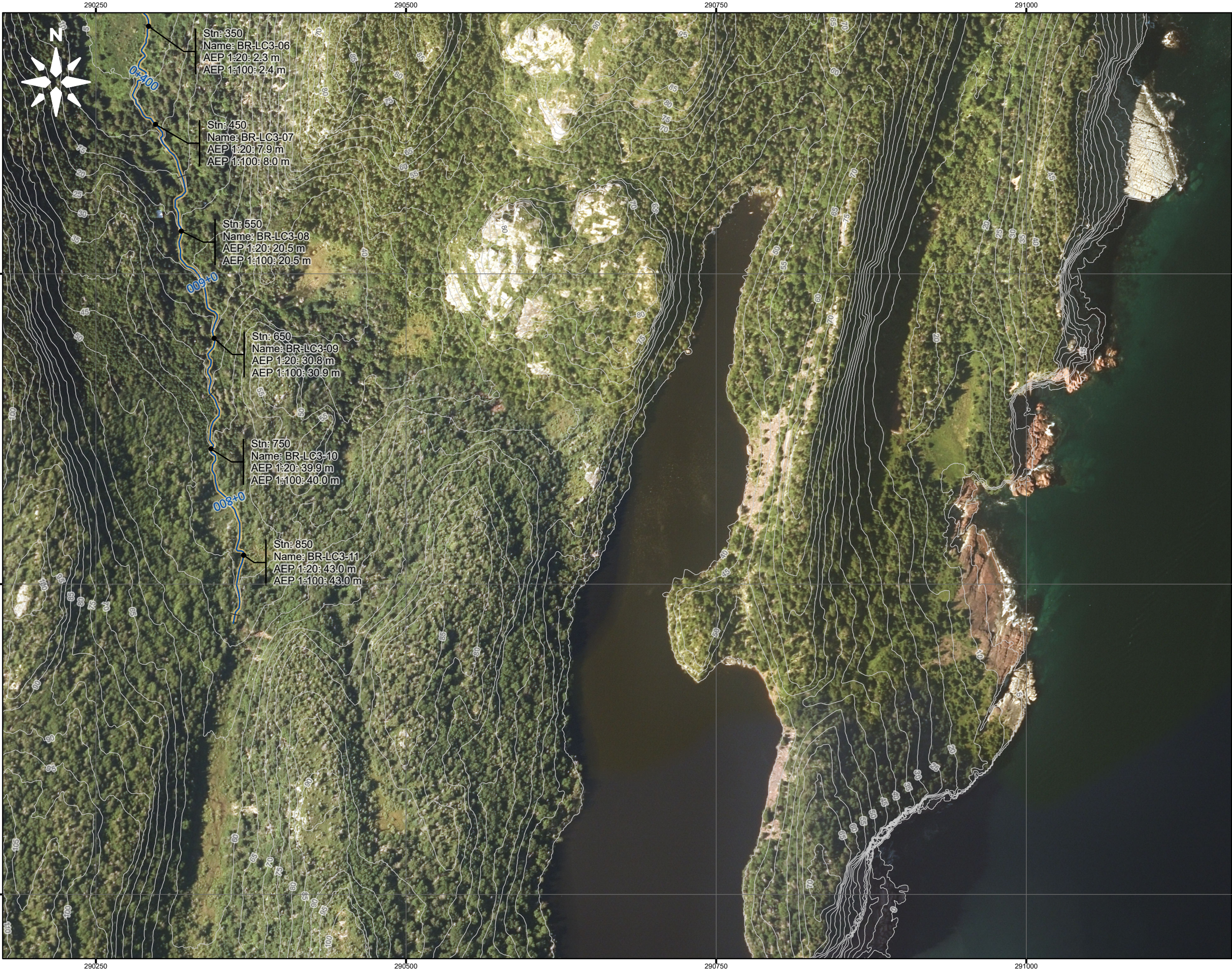
NOTES:

- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
- Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
- The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

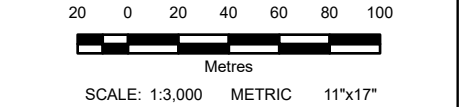
0	25/12/19	ISSUED WITH FINAL REPORT			ALW	DSB
NO.	YYMMDD	DESCRIPTION			ISSUED BY	CHECK BY
REVISIONS / ISSUE						
						
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR						
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-11						
DECEMBER 2025		FIGURE 7.2			REV: 0	



LEGEND:

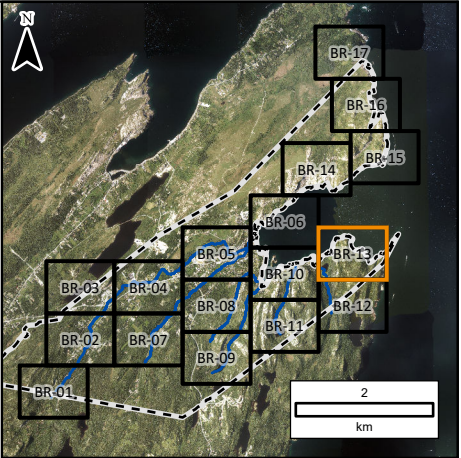
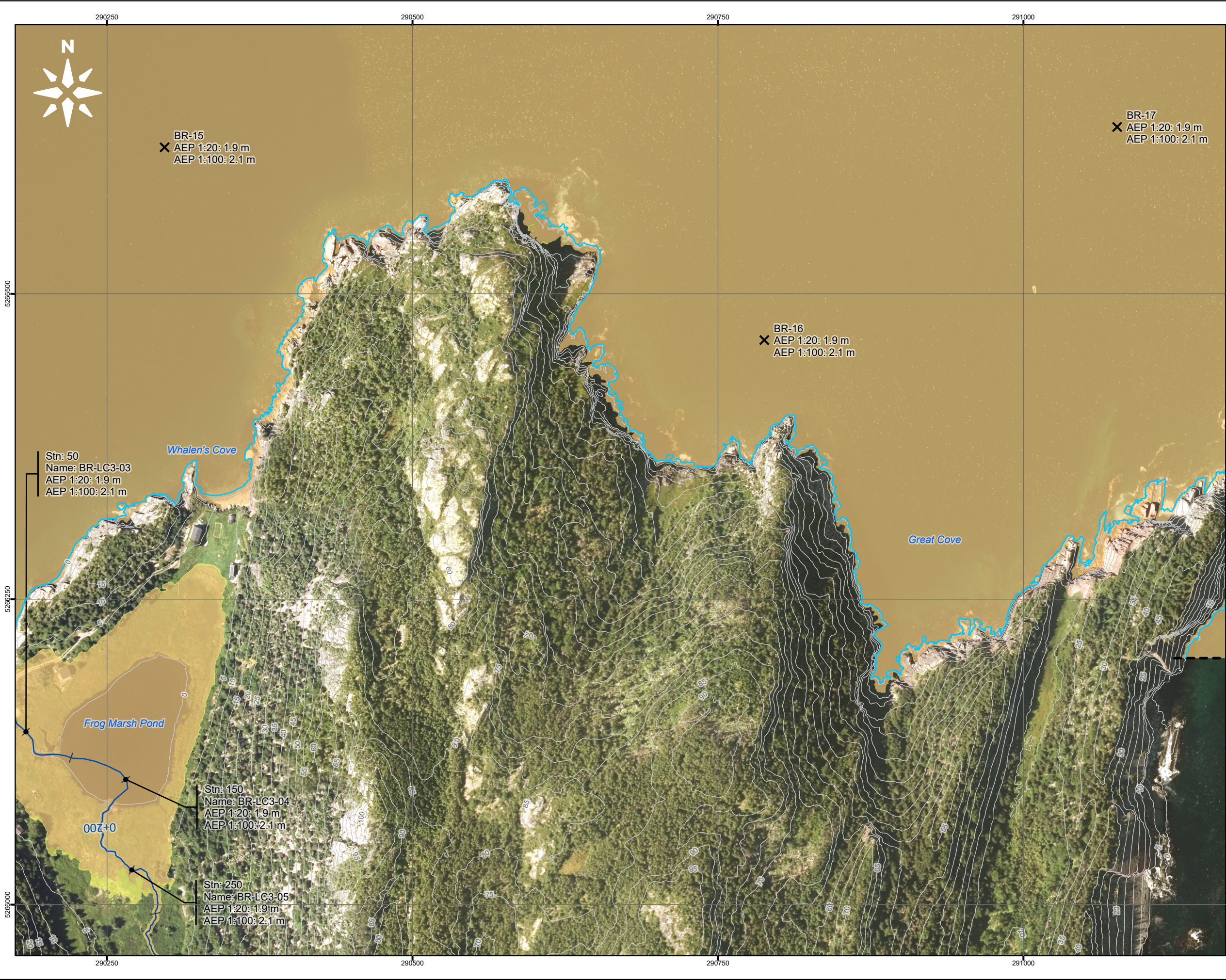
- Stn: 50
Name: FL-FWR-01
AEP 1:20: 1.2 m
AEP 1:100: 1.5 m
- 2D Annotation
- Coastal Water Level
- 1:20 Year Flood Zone
- 1:100 Year Flood Zone
- River/Creek Centreline
- Coastline
- 5m LiDAR Contour
- Limit of Mapping
- Modelled Bridge
- Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-12				
DECEMBER 2025		FIGURE 7.2		REV: 0

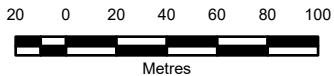


LEGEND:

- Stn: 50
Name: BR-LC3-03
AEP 1:20: 1.9 m
AEP 1:100: 2.1 m
- 2D Annotation
- X 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:

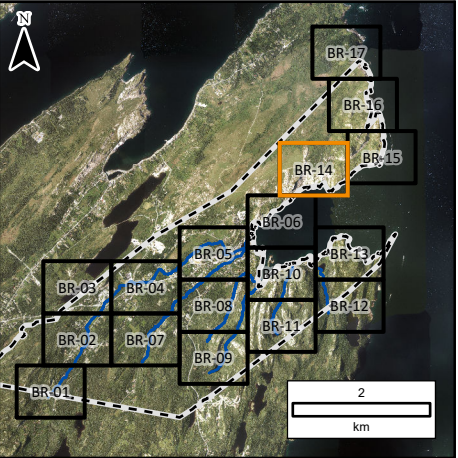
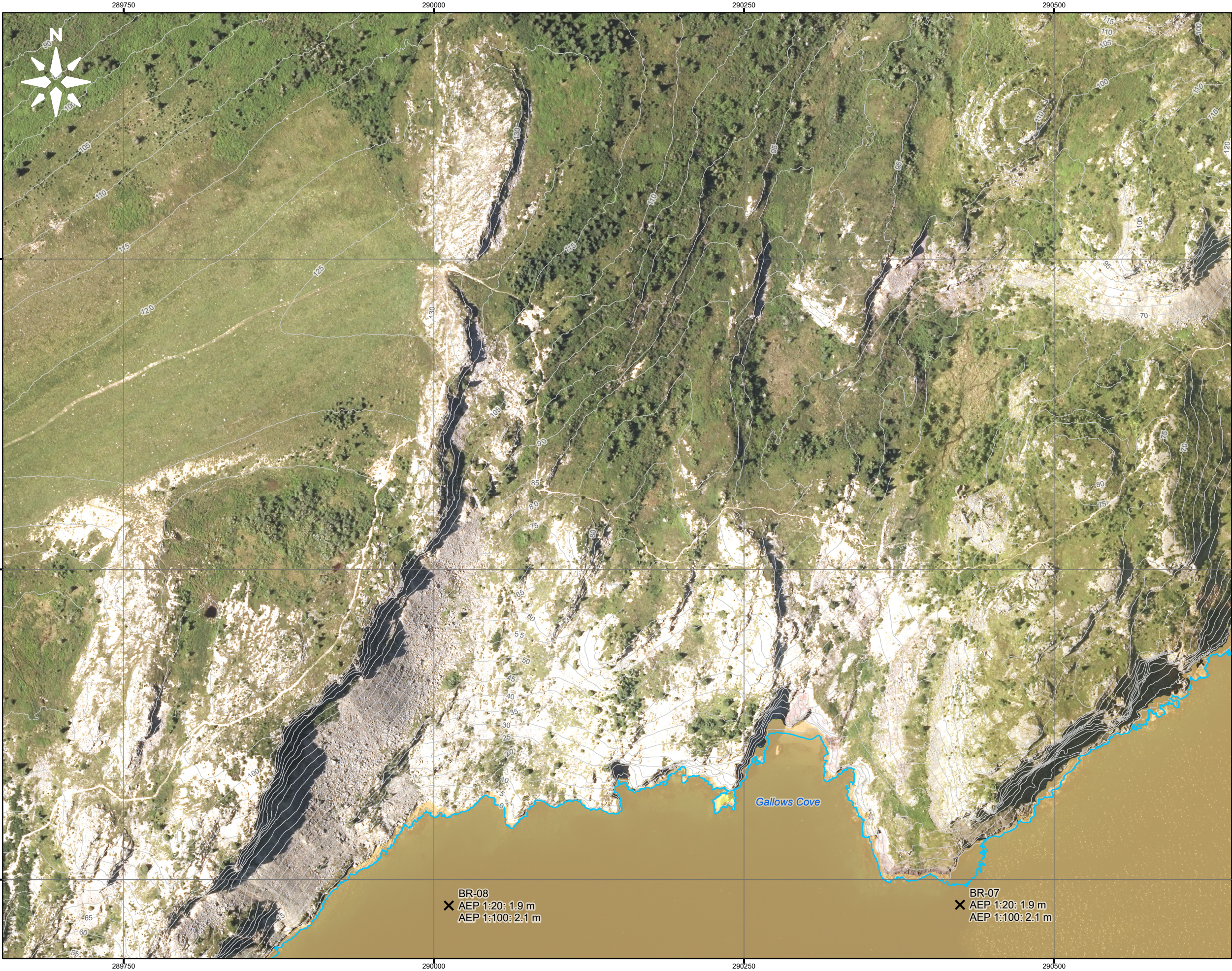
1. Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
2. Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
3. The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

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

➔	0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
	NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE					
					
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR					
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-13					
DECEMBER 2025		FIGURE 7.2		REV:	0



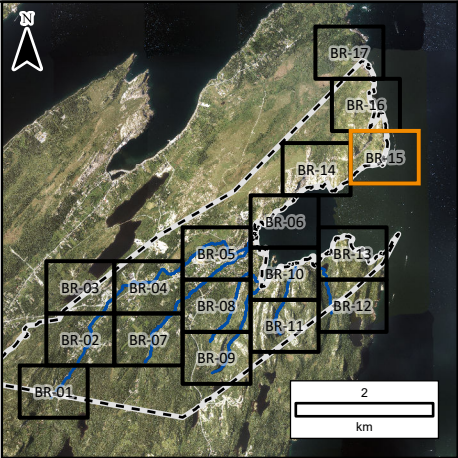
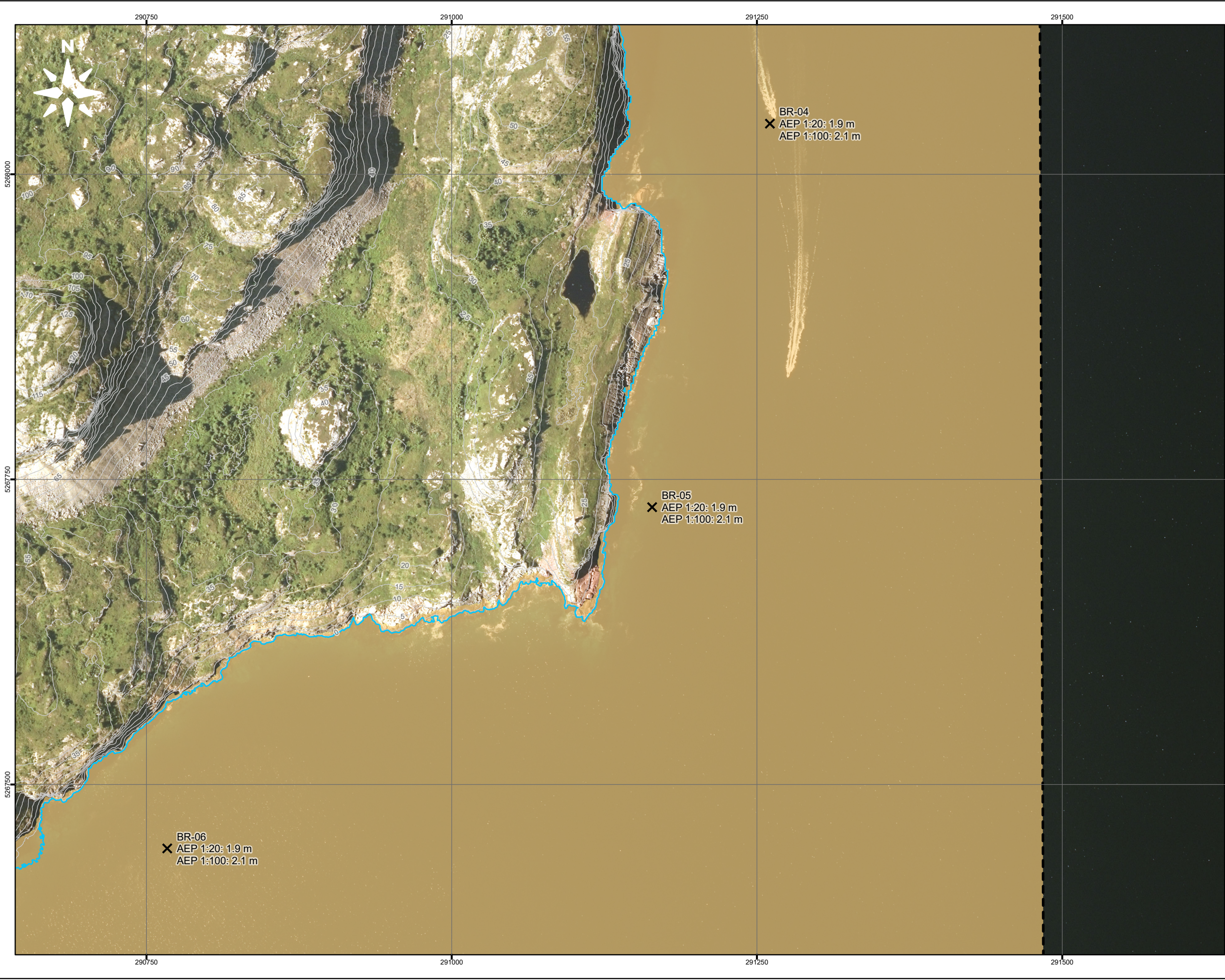
- LEGEND:**
- 2D Annotation
 - Coastal Water Level
 - 1:20 Year Flood Zone
 - 1:100 Year Flood Zone
 - River/Creek Centreline
 - Coastline
 - 5m LiDAR Contour
 - Limit of Mapping
 - Modelled Bridge
 - Modelled Culvert

- NOTES:**
- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
 - Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
 - The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).

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).

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-14				
DECEMBER 2025		FIGURE 7.2		REV: 0



LEGEND:

2D Annotation

Coastal Water Level

1:20 Year Flood Zone

1:100 Year Flood Zone

River/Creek Centreline

Coastline

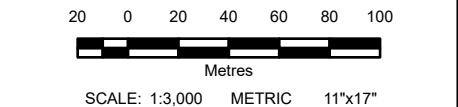
5m LiDAR Contour

Limit of Mapping

Modelled Bridge

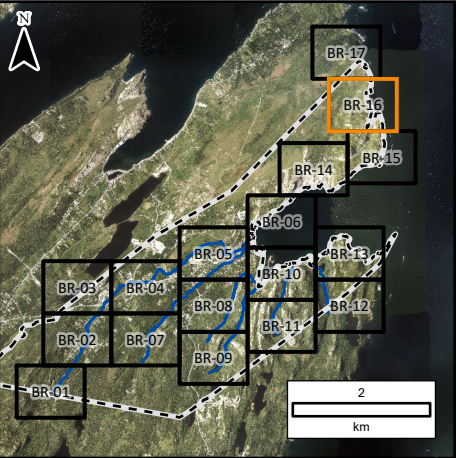
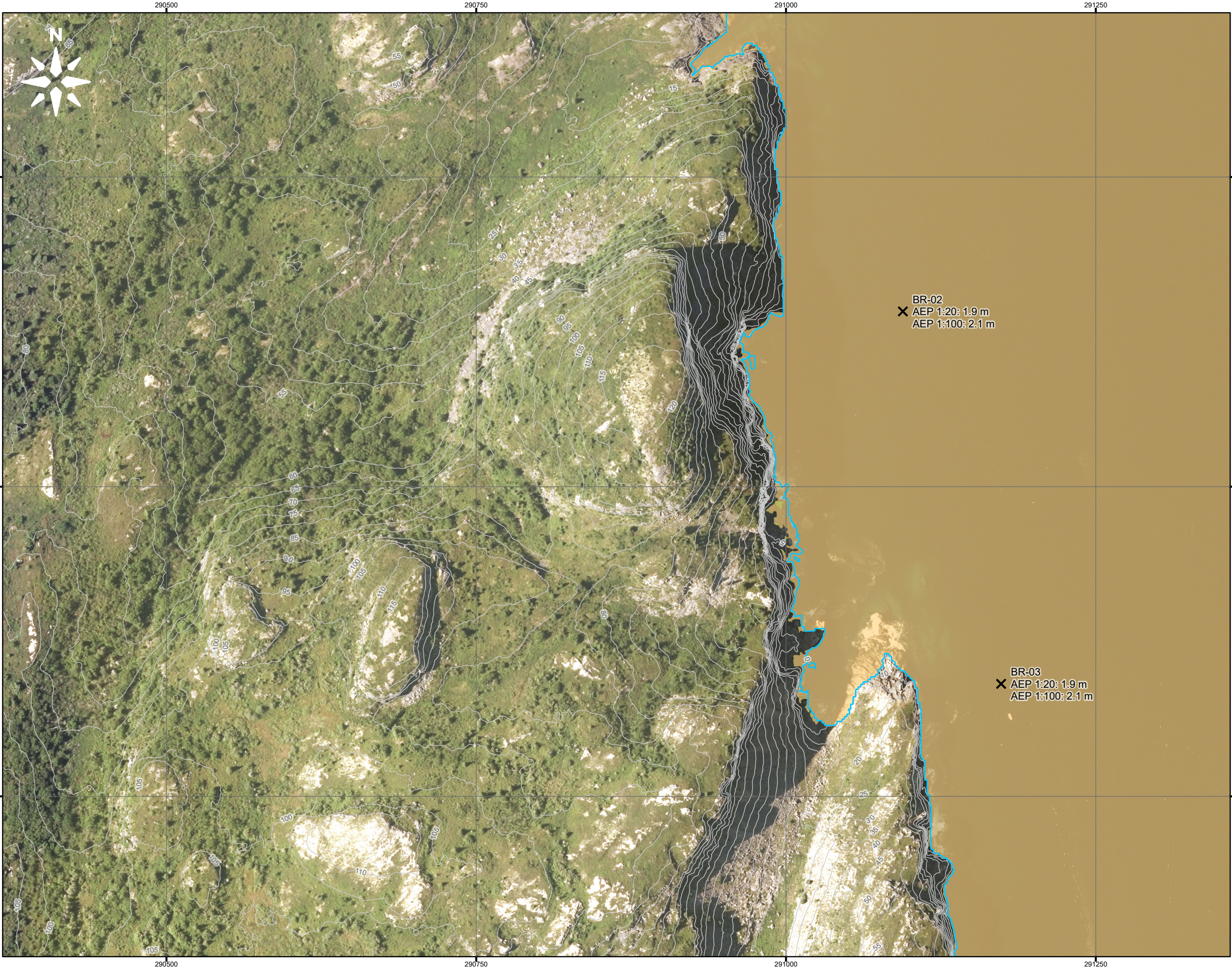
Modelled Culvert

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



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-15				
DECEMBER 2025		FIGURE 7.2	REV:	0

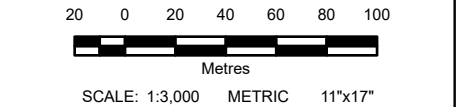


LEGEND:

	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

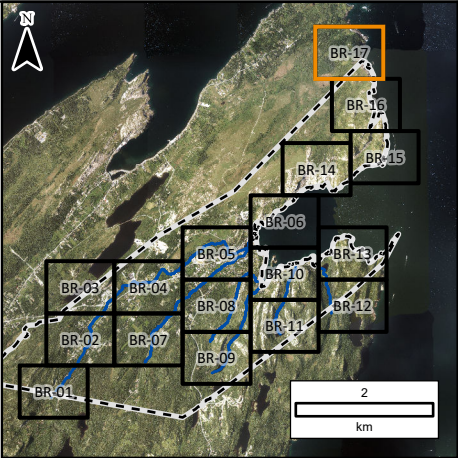
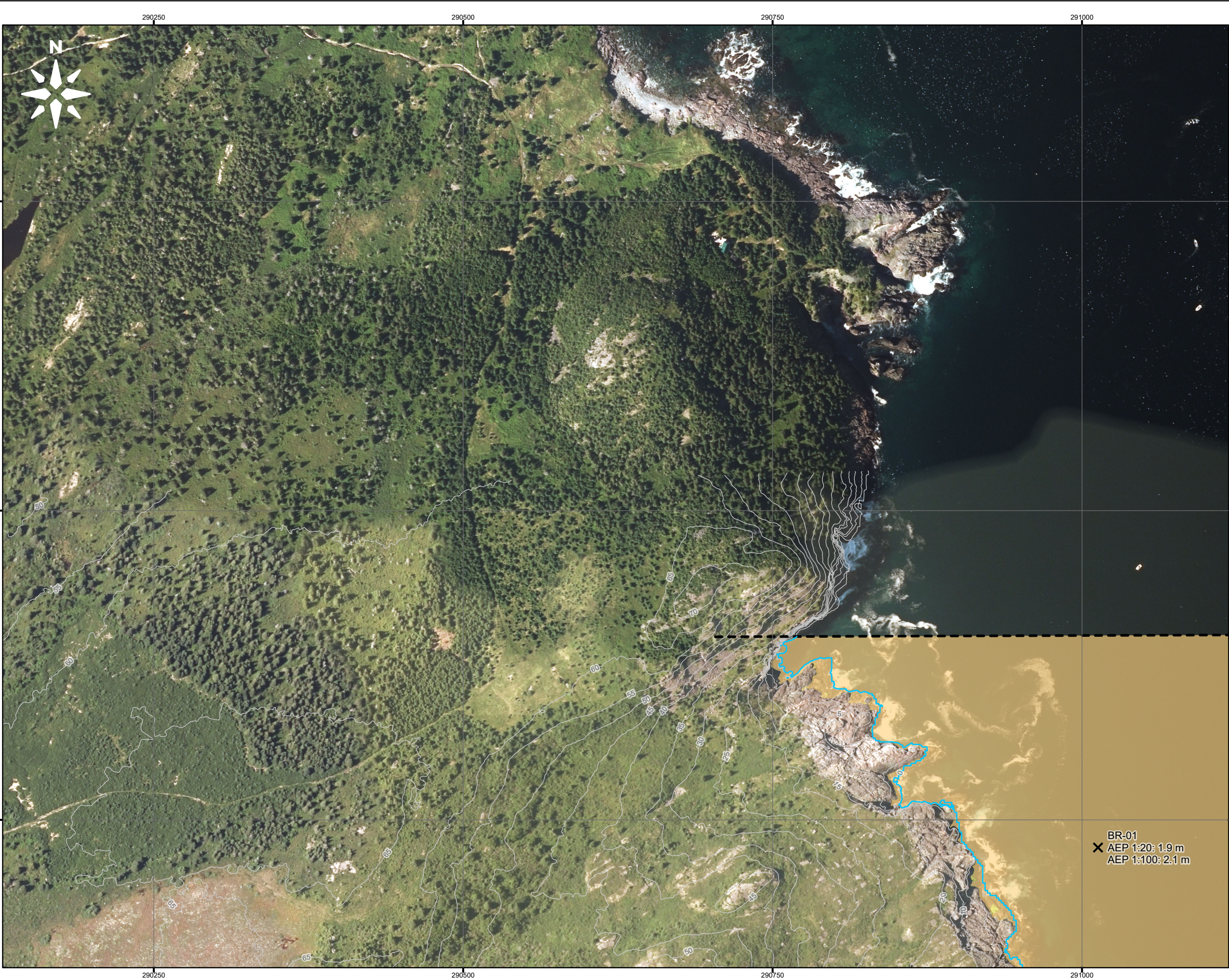
NOTES:

- Imagery is supplied by the Government of Newfoundland and Labrador. (Capture date: 2020)
- Topography shown was developed by KGS Group from the HRDEM from Natural Resources Canada (NRCAN). (Capture date: June and July, 2020)
- The results shown on this map were simulated using flows developed from climate change adjusted IDF curves, representing the median RCP 8.5 scenario for 2071-2100. Climate change adjusted IDF curves were obtained from a *Projected Impacts of Climate Change for the Province of Newfoundland and Labrador: 2018 Update* study by Finnis (2018). Coastal water levels were adjusted by the sea level rise projections for SSP5-8.5 for 2100, obtained from the Canadian Extreme Water Level Adaptation Tool (CAN-EWLAT).



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMM/DD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-16				
DECEMBER 2025		FIGURE 7.2	REV:	0



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

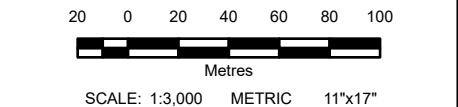
Modelled Culvert

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)

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



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

0	25/12/19	ISSUED WITH FINAL REPORT	ALW	DSB
NO.	YYMMDD	DESCRIPTION	ISSUED BY	CHECK BY
REVISIONS / ISSUE				
				
CLIMATE CHANGE FLOOD HAZARD MAPPING STUDY FOR FERRYLAND, BRIGUS, HEART'S DELIGHT, WINTERTON & HANT'S HARBOUR				
CLIMATE CHANGE AND CURRENT DEVELOPMENT CONDITION (CLC-CD) AEP FLOOD ZONE - BR-17				
DECEMBER 2025		FIGURE 7.2	REV:	0