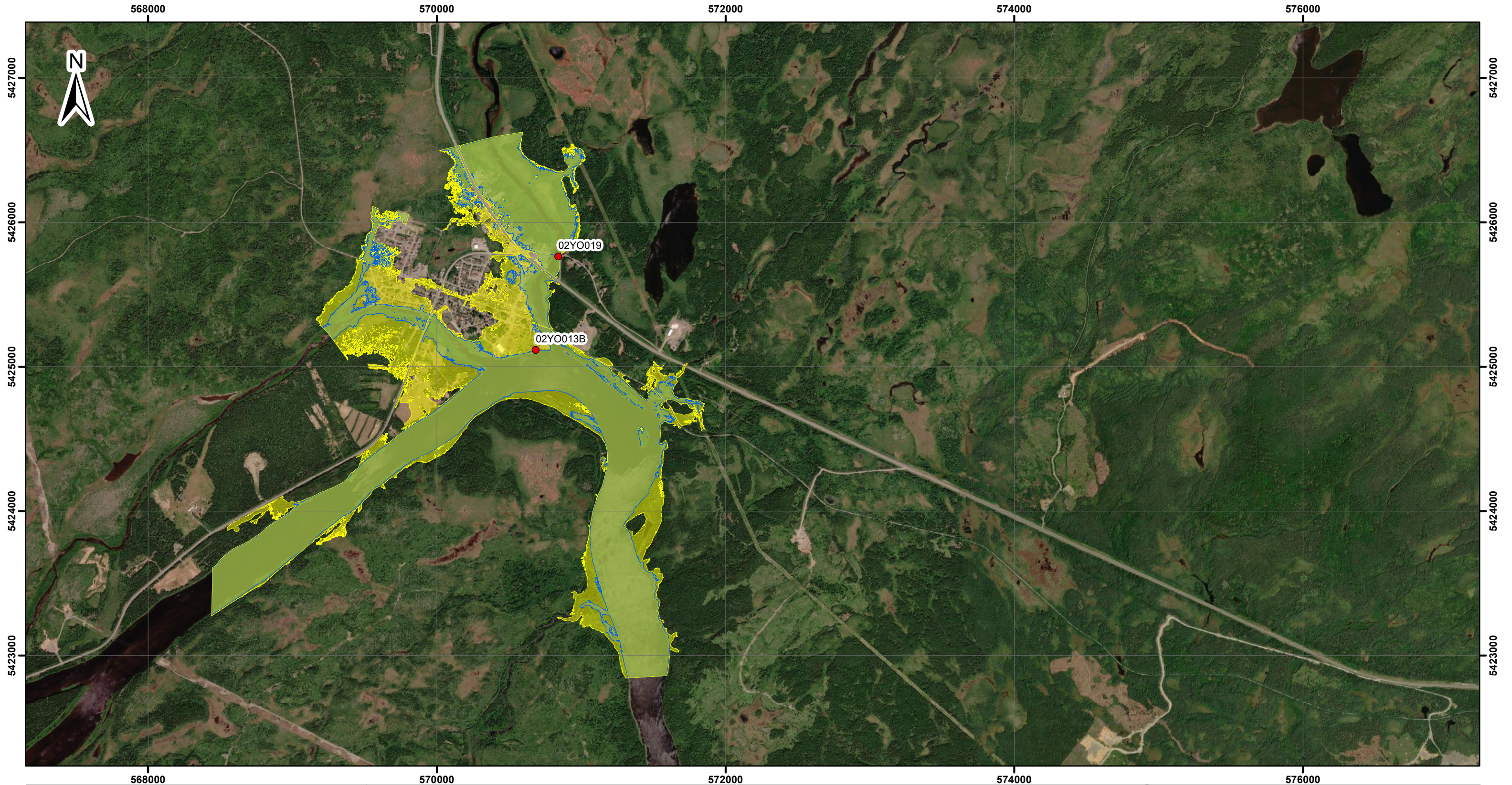


Appendix F.12: Map Set 12 – Comparison of Flood Extents – Current Climate with Climate Change – 1:100 AEP

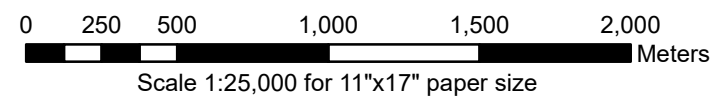


Legend

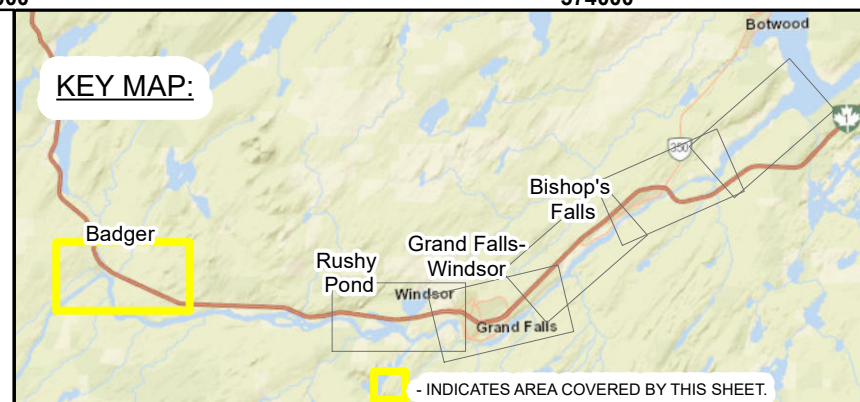
- 1:100 AEP Flood Zone Current Conditions
- 1:100 AEP Flood Zone Climate Change
- Hydrometric Station

NOTES:

- Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.
- Aerial imagery and topographic map by ESRI.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

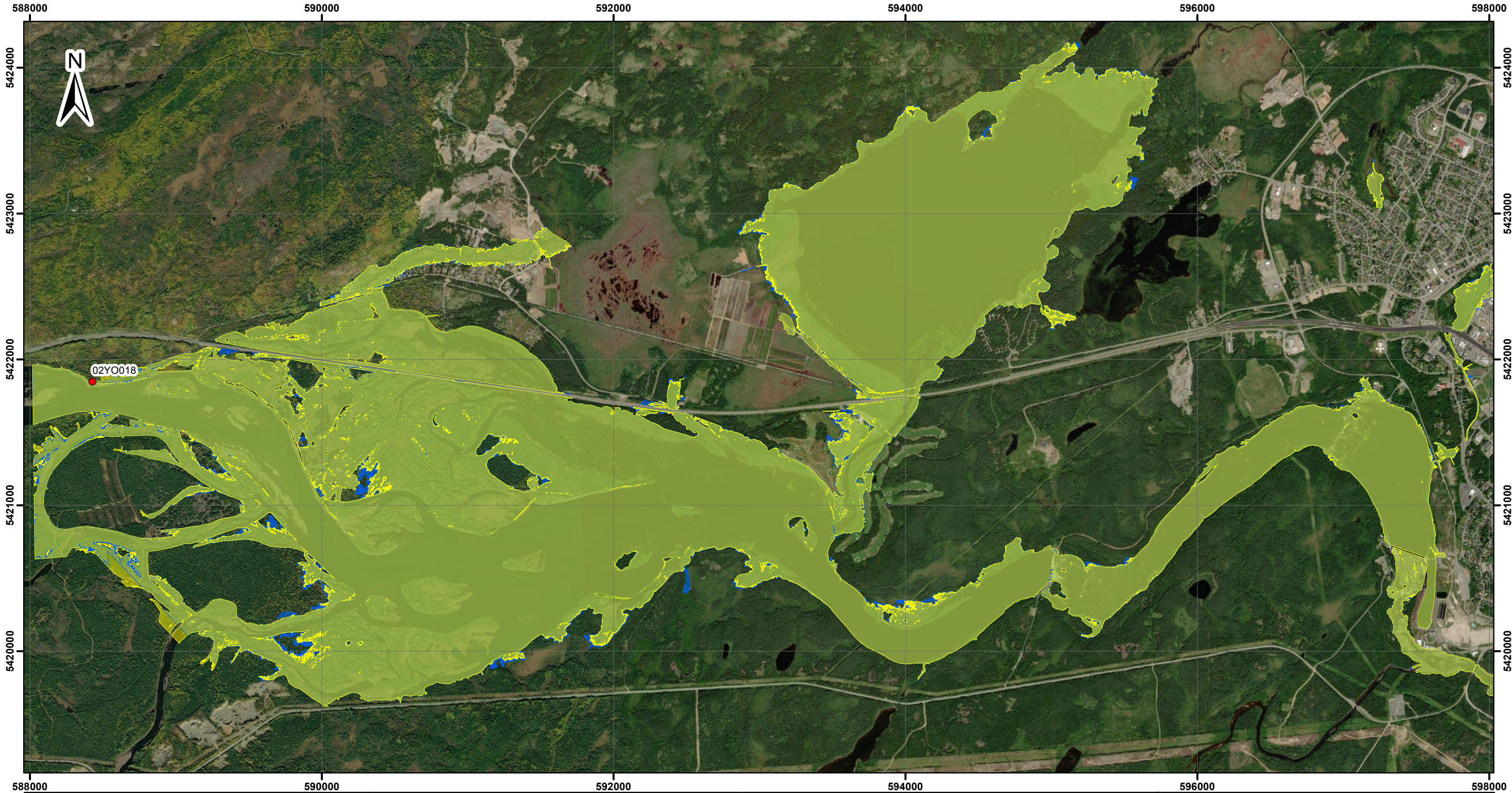
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
OVERVIEW MAP

DATE: 05/17/2021

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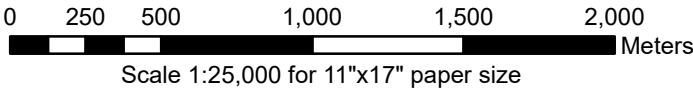


Legend

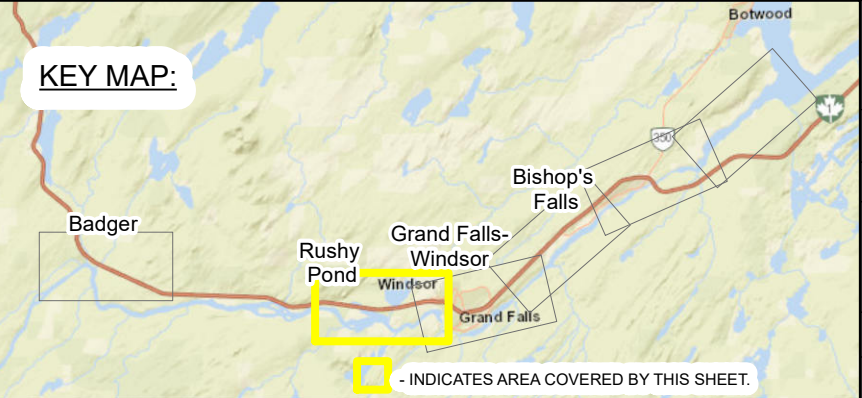
- 1:100 AEP Flood Zone Current Conditions
- 1:100 AEP Flood Zone Climate Change
- Hydrometric Station

NOTES:

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- Aerial imagery and topographic map by ESRI.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566



Legend

1:100 AEP Flood Zone Current Conditions

1:100 AEP Flood Zone Climate Change

Hydrometric Station

NOTES:

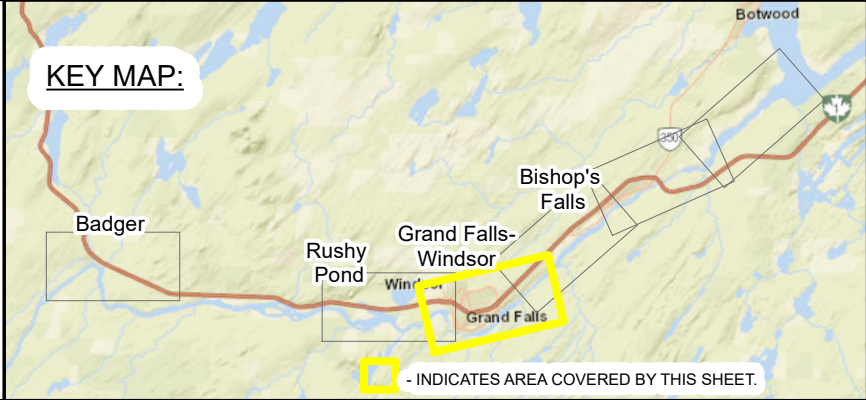
1. Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.

2. Aerial imagery and topographic map by ESRI.

02505001,0001,5002,000

Meters

Scale 1:25,000 for 11"x17" paper size



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12

1:100 AEP FLOOD EXTENT MAP

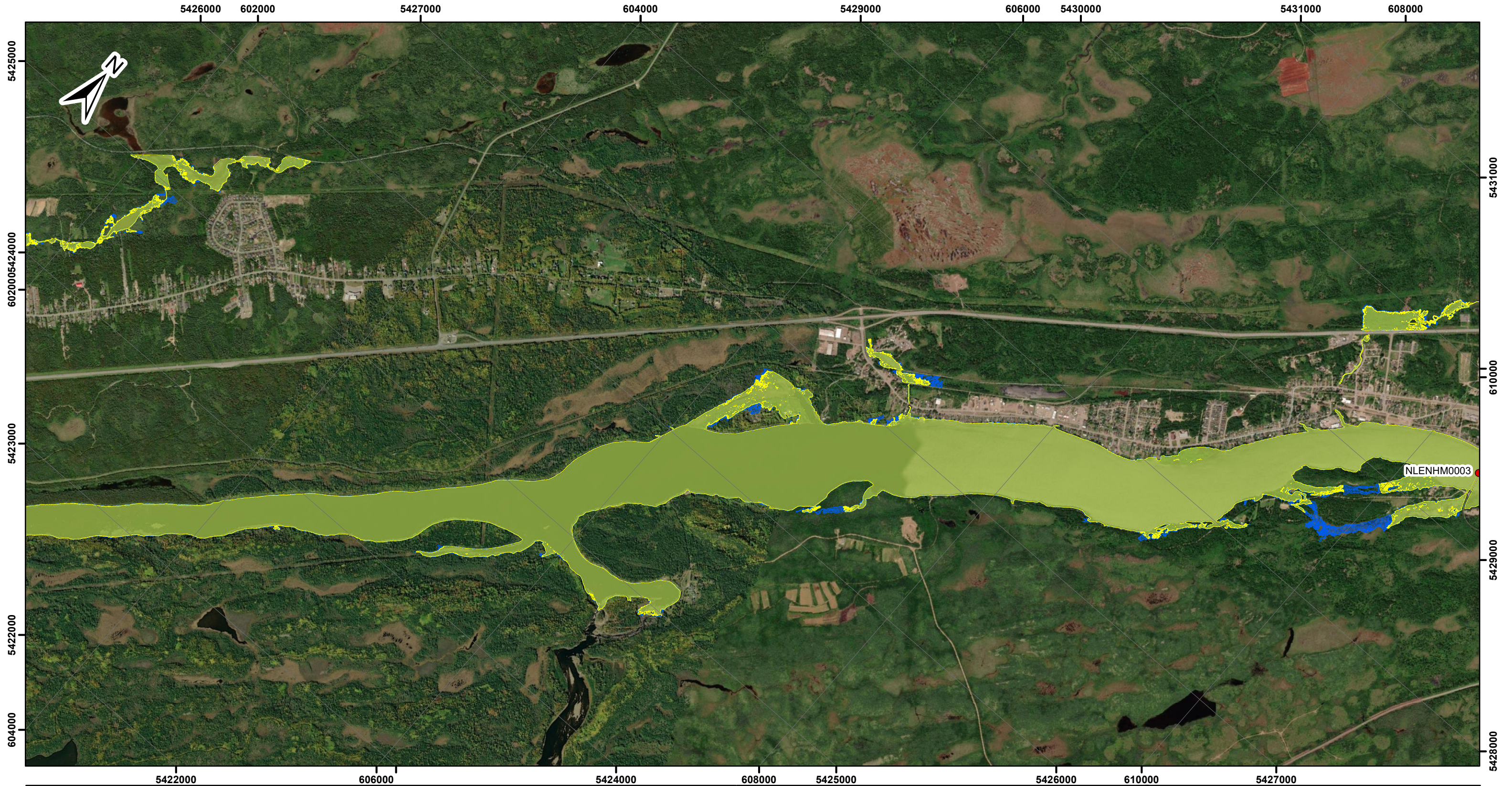
CURRENT CLIMATE AND CLIMATE CHANGE

OVERVIEW MAP

DATE: 05/17/2021

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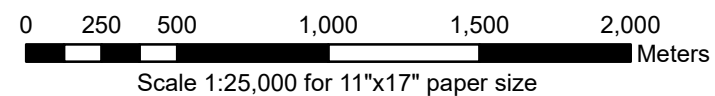


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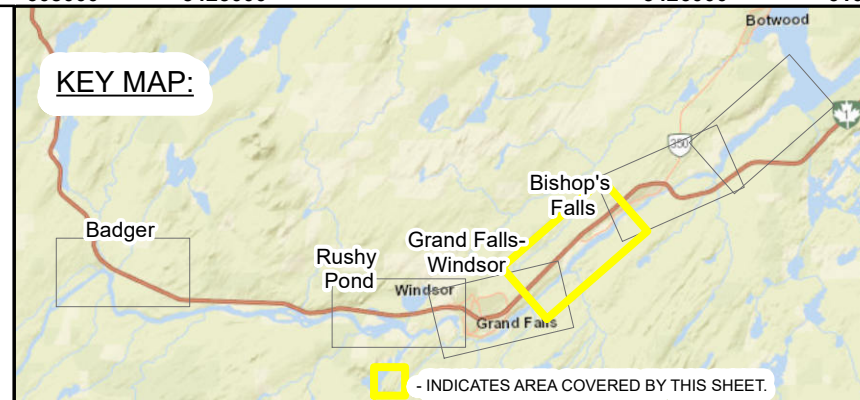
- 1:100 AEP Flood Zone Current Conditions
- 1:100 AEP Flood Zone Climate Change
- Hydrometric Station

NOTES:

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KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

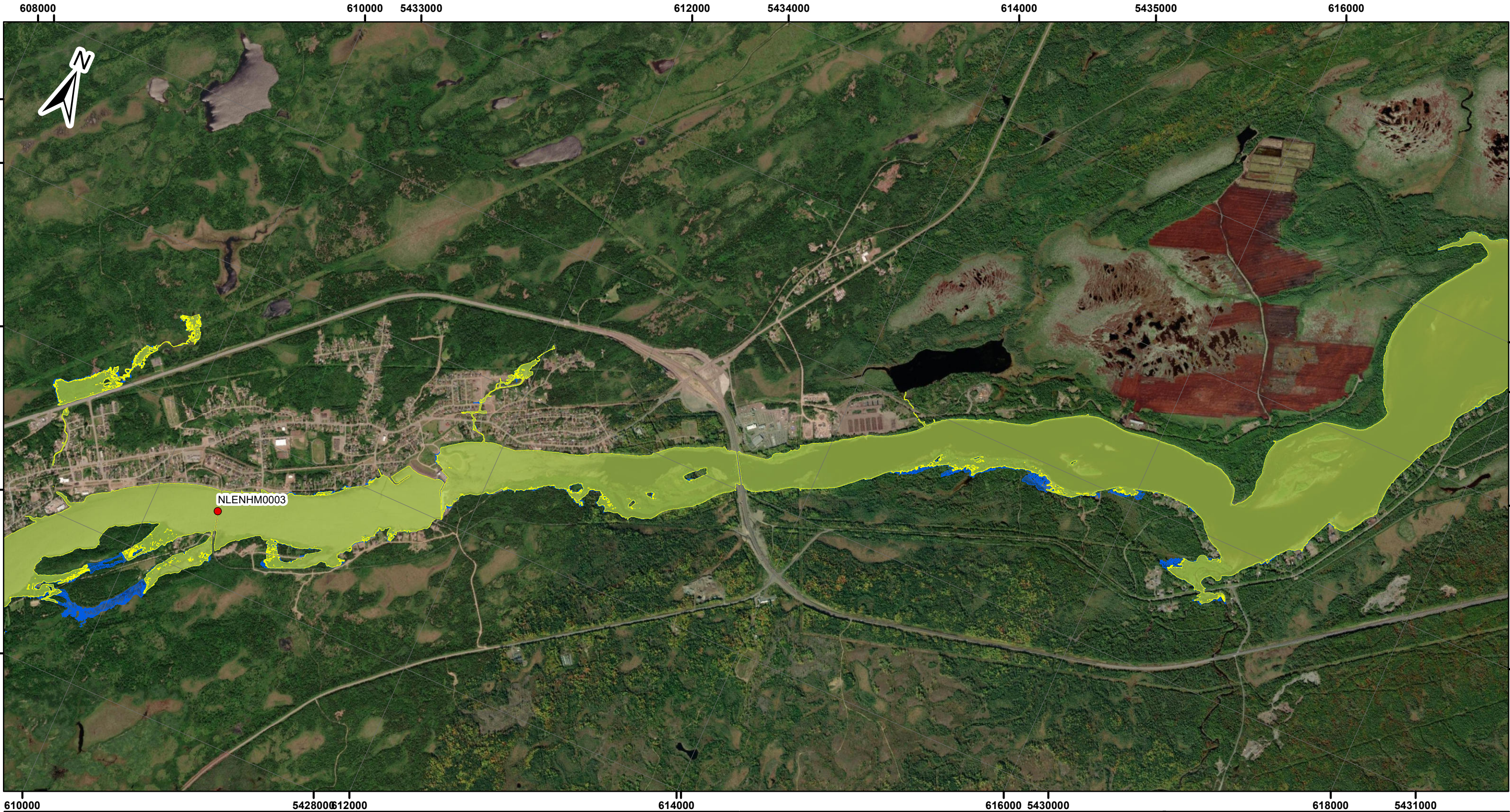
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
OVERVIEW MAP

DATE: 05/17/2021

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Legend

- 1:100 AEP Flood Zone Current Conditions
- 1:100 AEP Flood Zone Climate Change
- Hydrometric Station

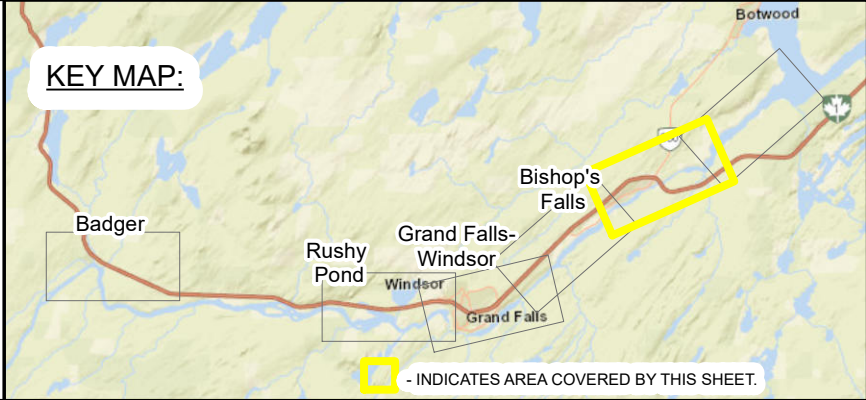
NOTES:

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02505001,0001,5002,000

Meters

Scale 1:25,000 for 11"x17" paper size



HATCH

Newfoundland
Labrador

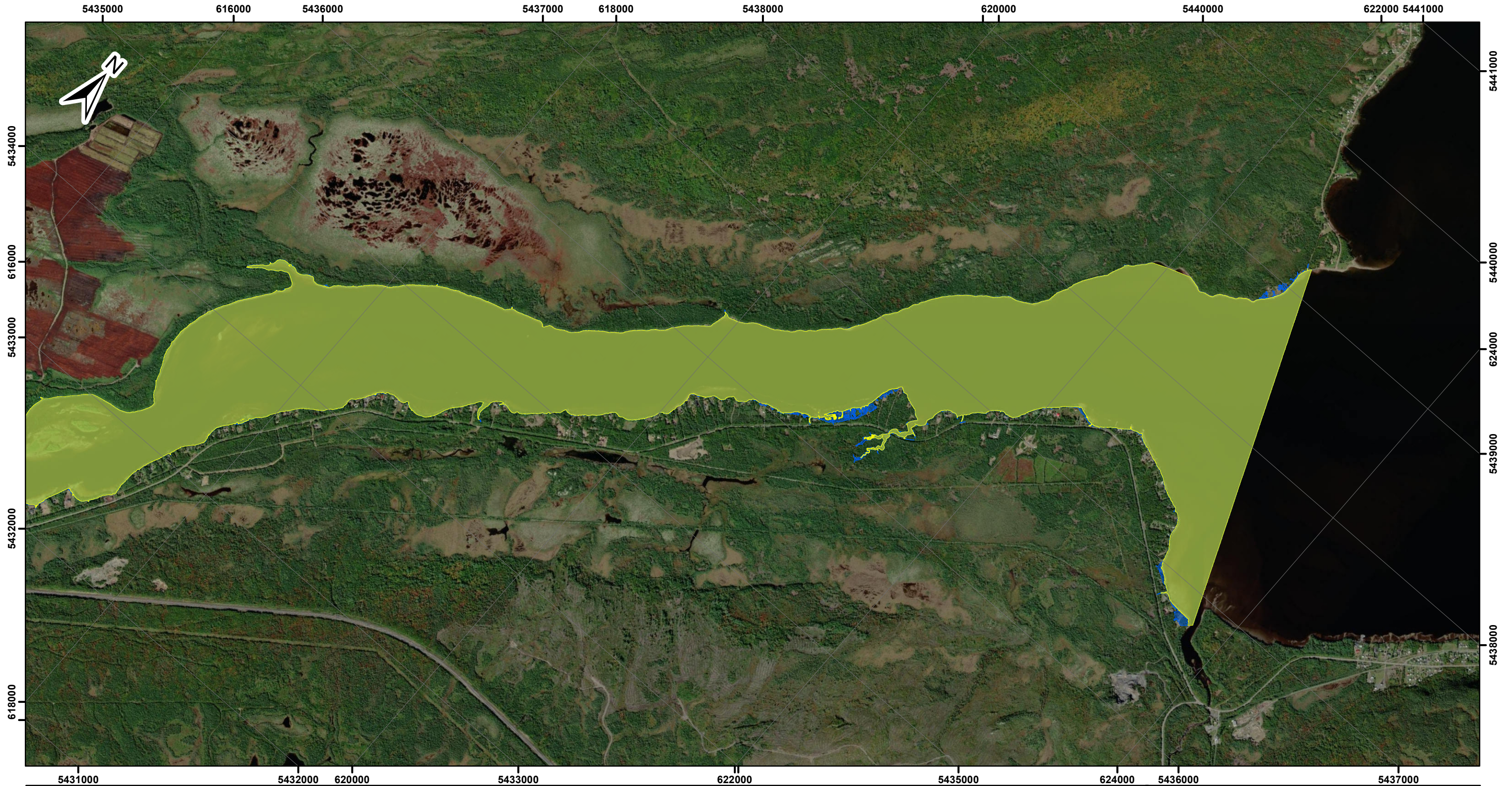
WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

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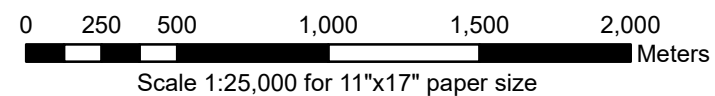


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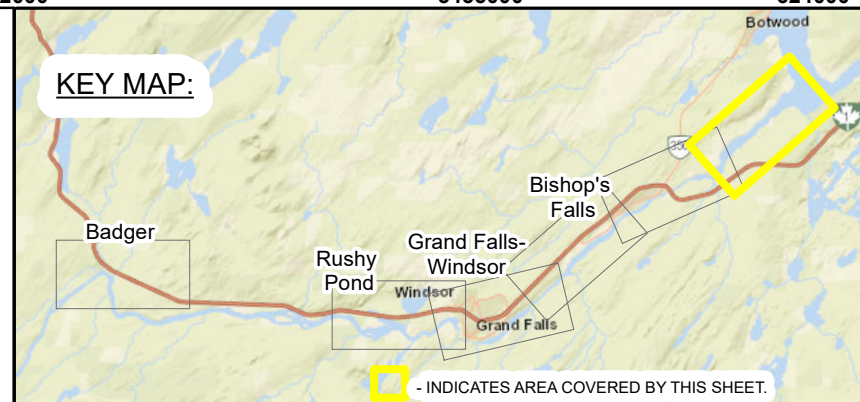
- 1:100 AEP Flood Zone Current Conditions
- 1:100 AEP Flood Zone Climate Change
- Hydrometric Station

NOTES:

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KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

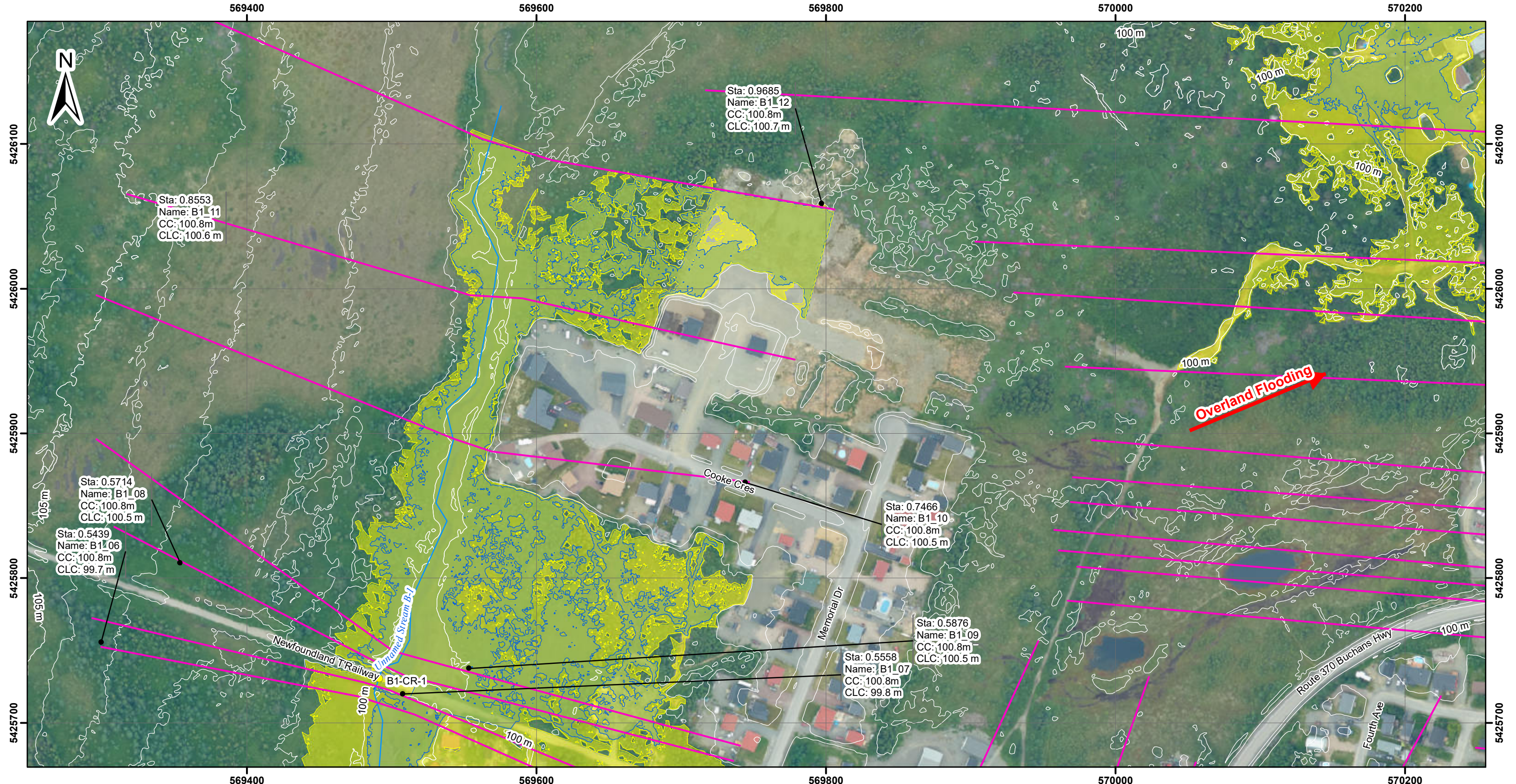
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
OVERVIEW MAP

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Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- CC: 1:100 Current Climate Water Surface El.
- CLC: 1:100 Climate Change Water Surface El.

NOTES:

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KEY MAP:

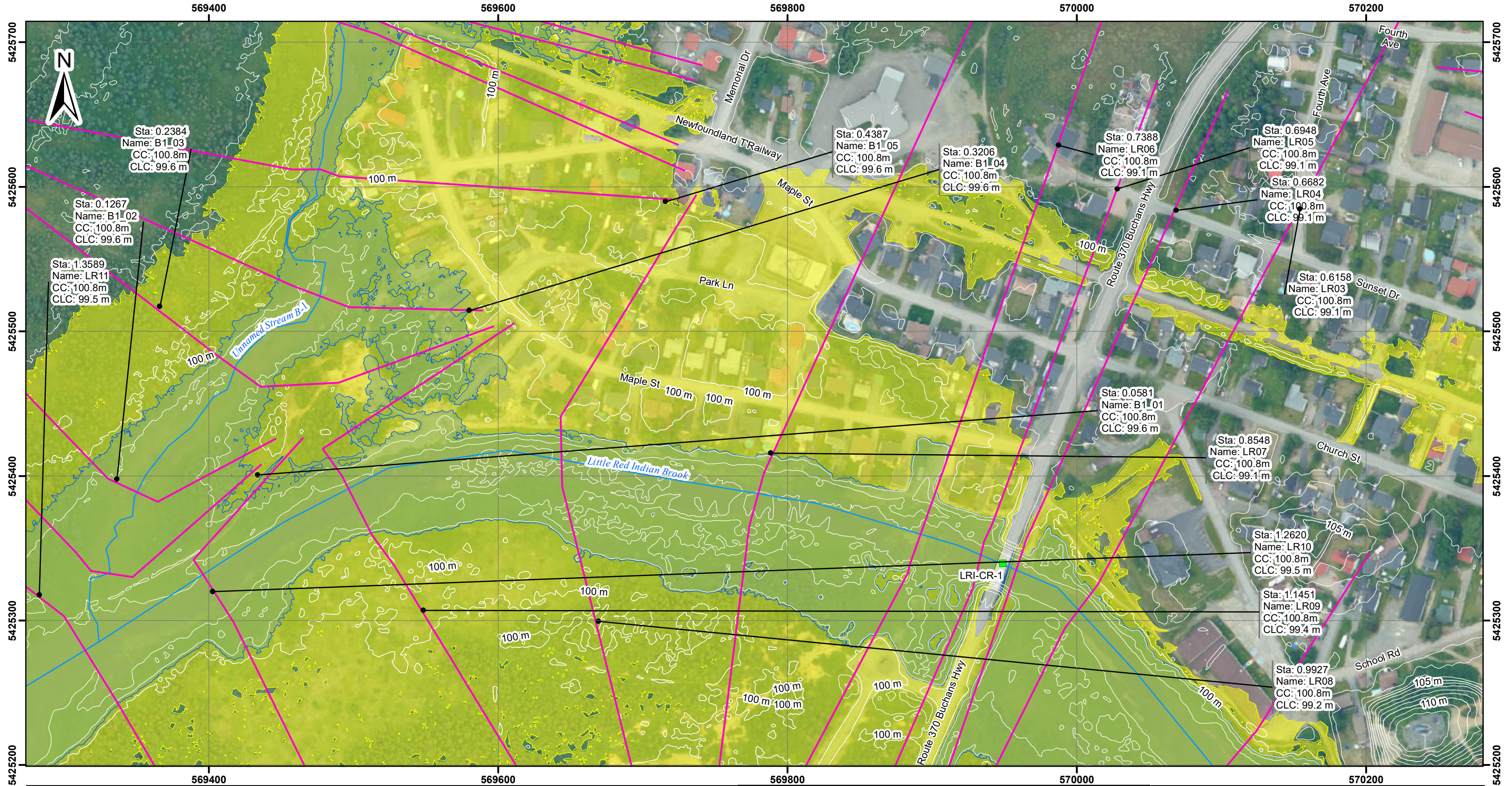
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Scale 1:2,500 for 11"x17" paper size

WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021
PROJECT #: H-358566

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Legend

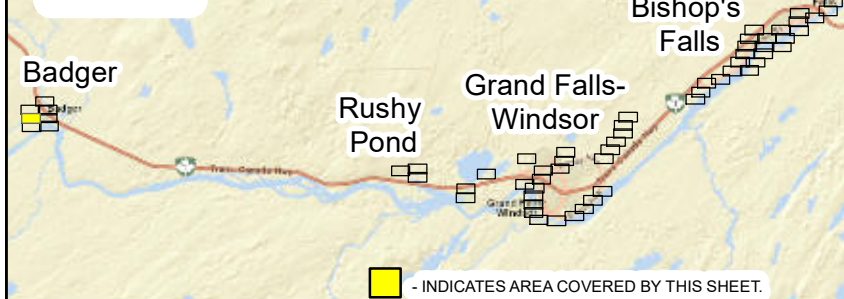
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
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0 12.525 50 75 100
Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

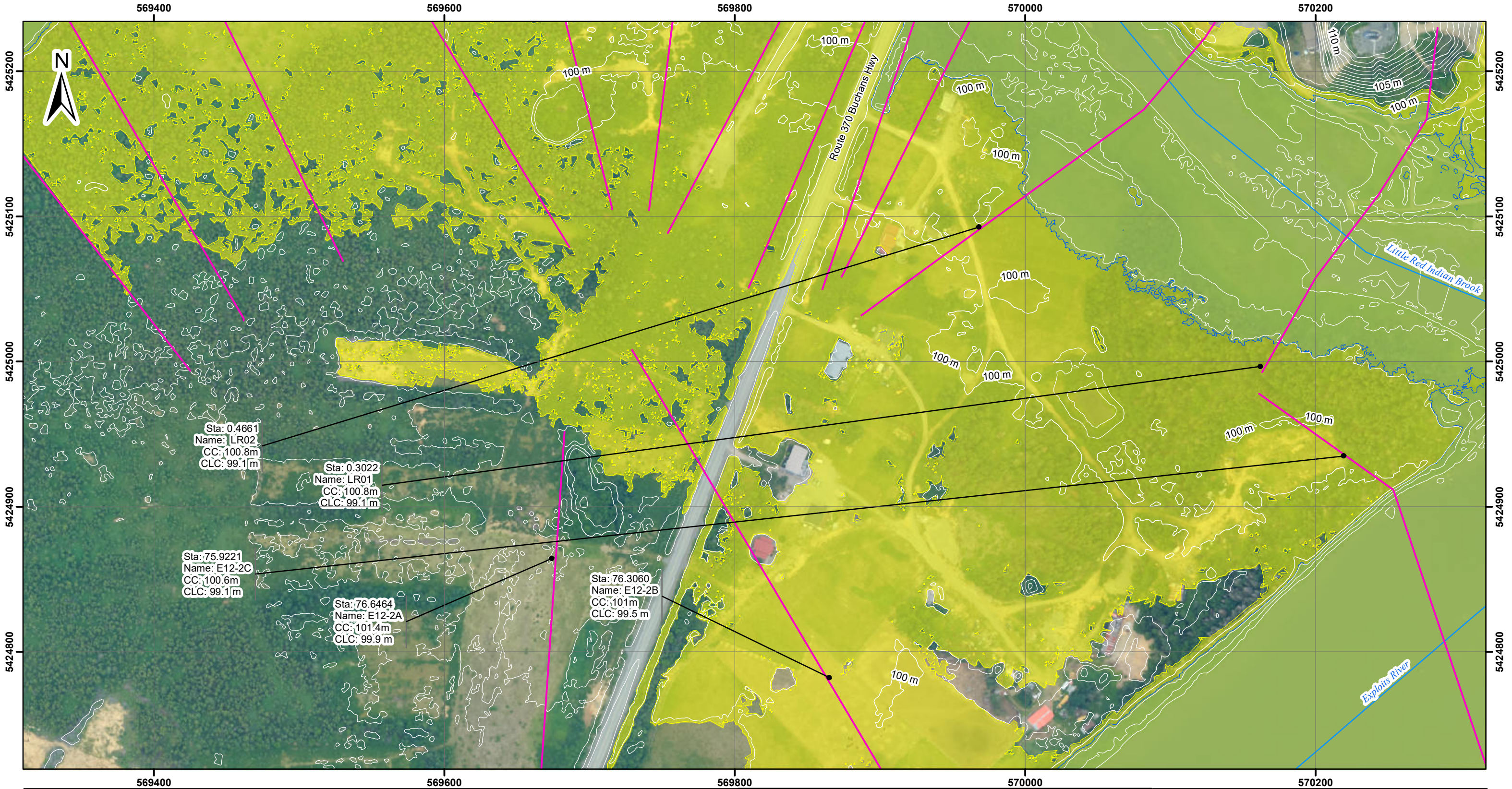
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
- Hydrometric Station

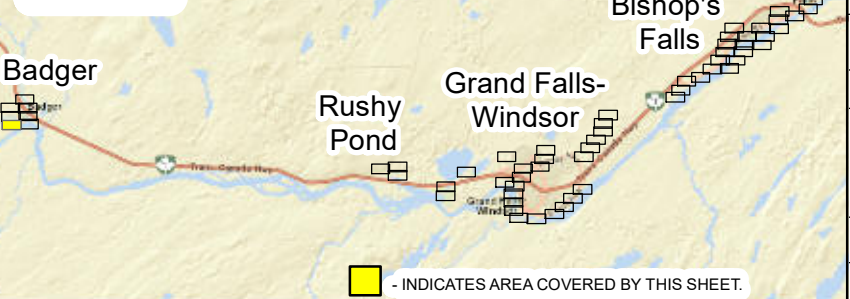
NOTES:

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Sta: Station
Name: Survey ID (n/a if not surveyed)
CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.

0 12.525 50 75 100
Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

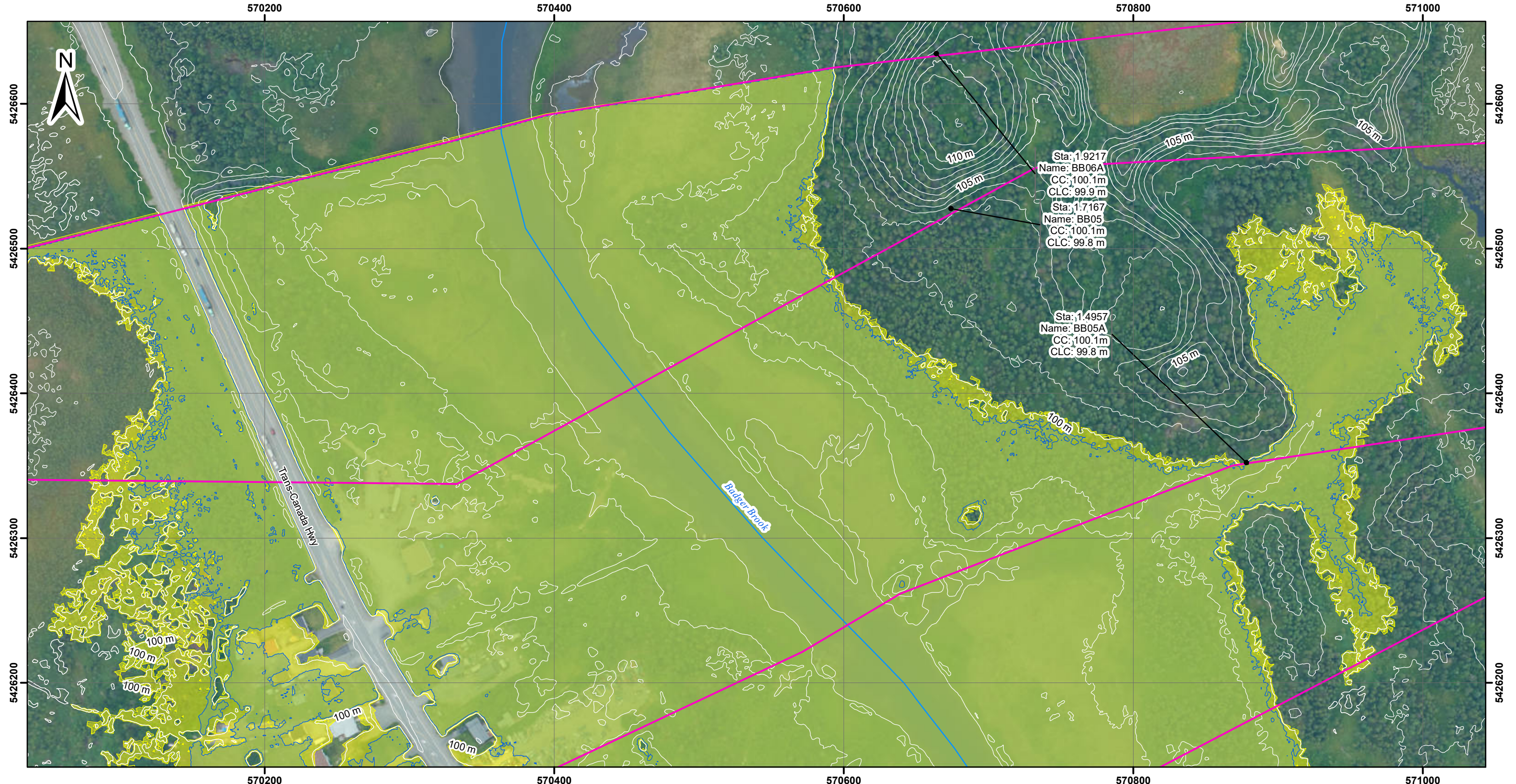
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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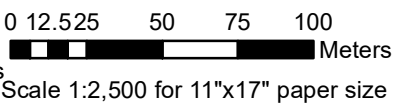


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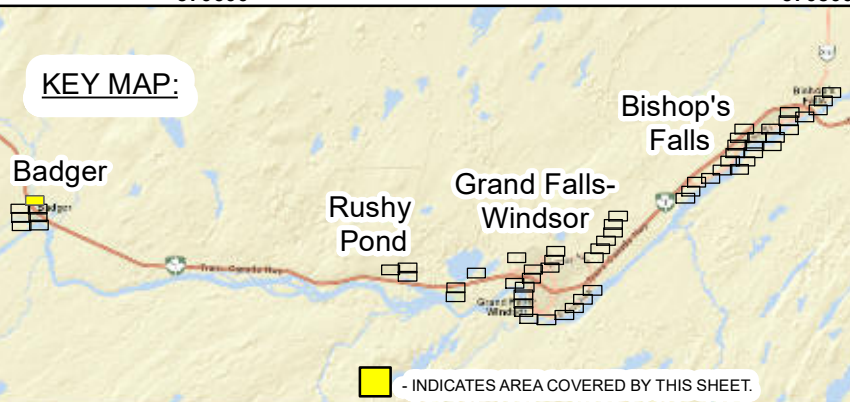
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding

NOTES:

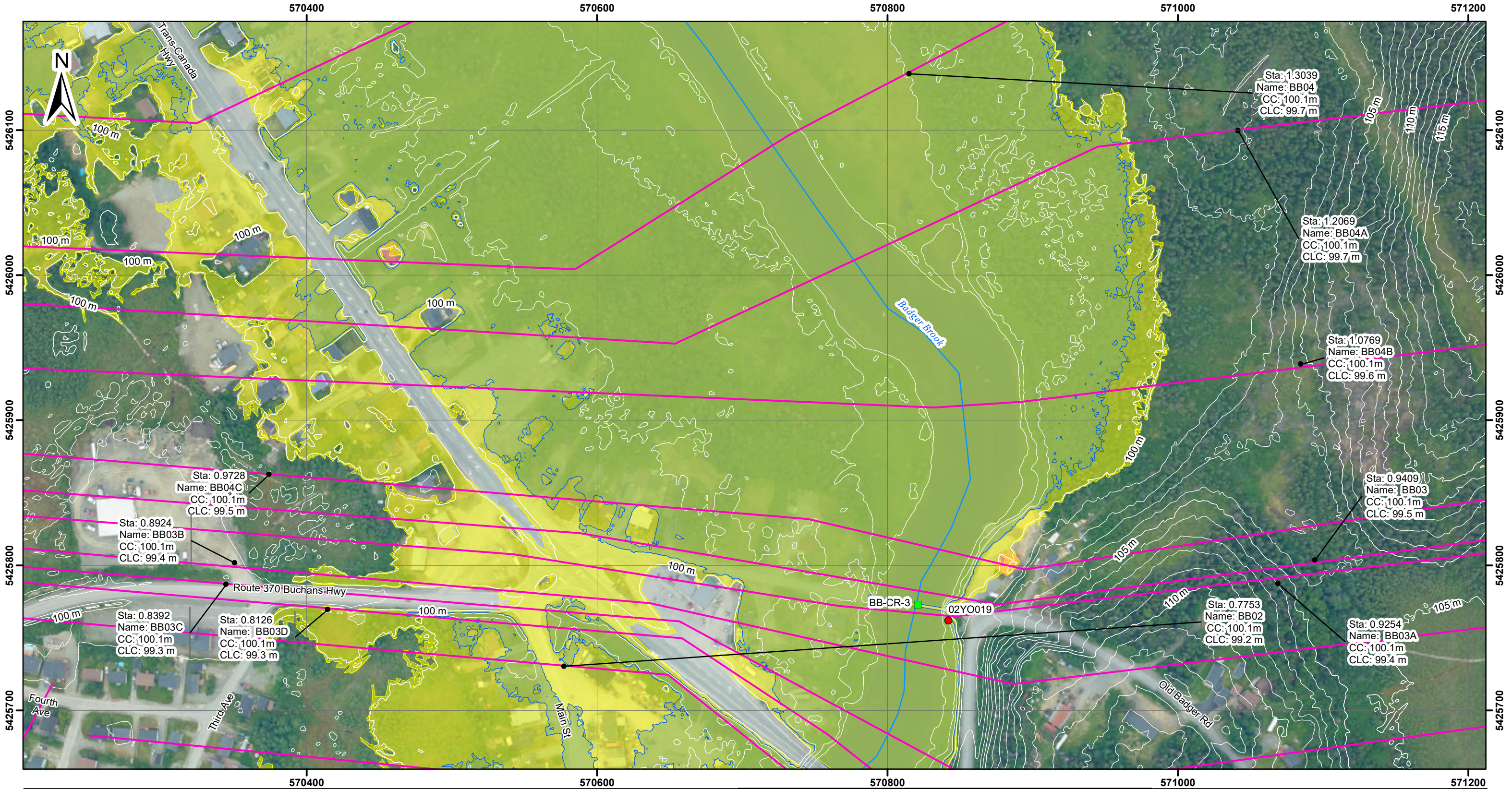
- Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.
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KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION	
EXPLOITS RIVER FLOOD RISK MAPPING STUDY	
MAP SET #12	
1:100 AEP FLOOD EXTENT MAP	
CURRENT CLIMATE AND CLIMATE CHANGE	
DETAIL MAP	
DATE: 05/17/2021	Page 4 of 61
PROJECT #: H-358566	

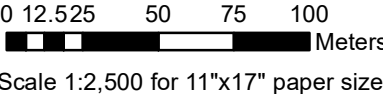


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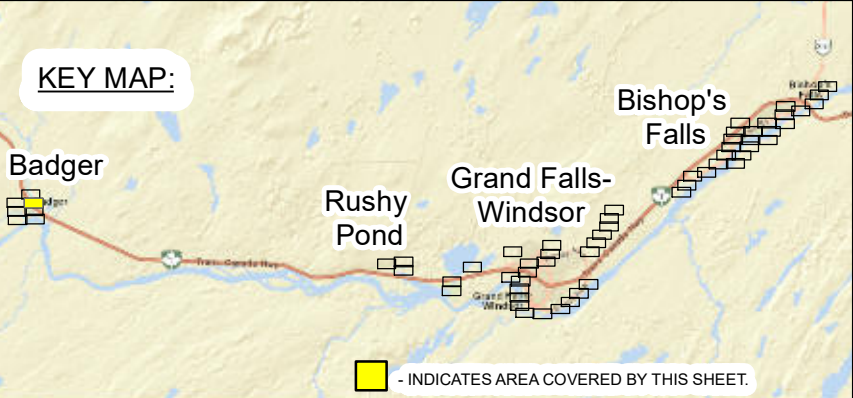
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
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- Hydrometric Station
- Overland Flooding
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KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

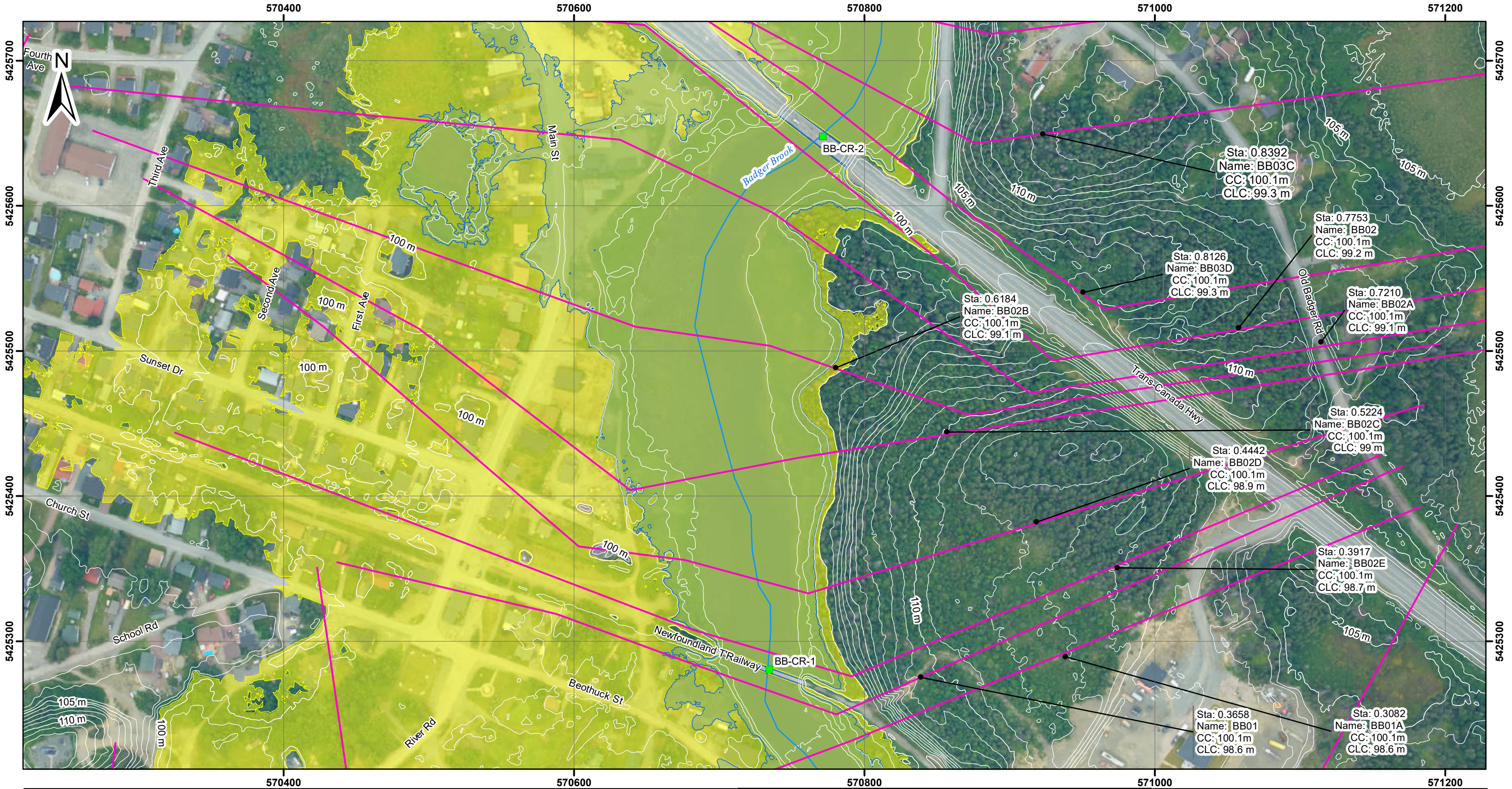
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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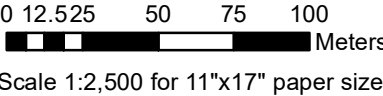


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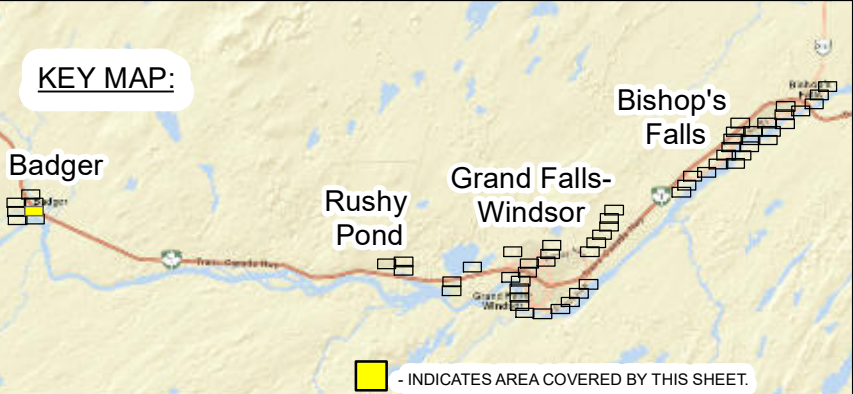
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 - 1:100 AEP Flood Zone Climate Change
 - Watercourse Centerline
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CC: 1:100 Current Climate Water Surface El.
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KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

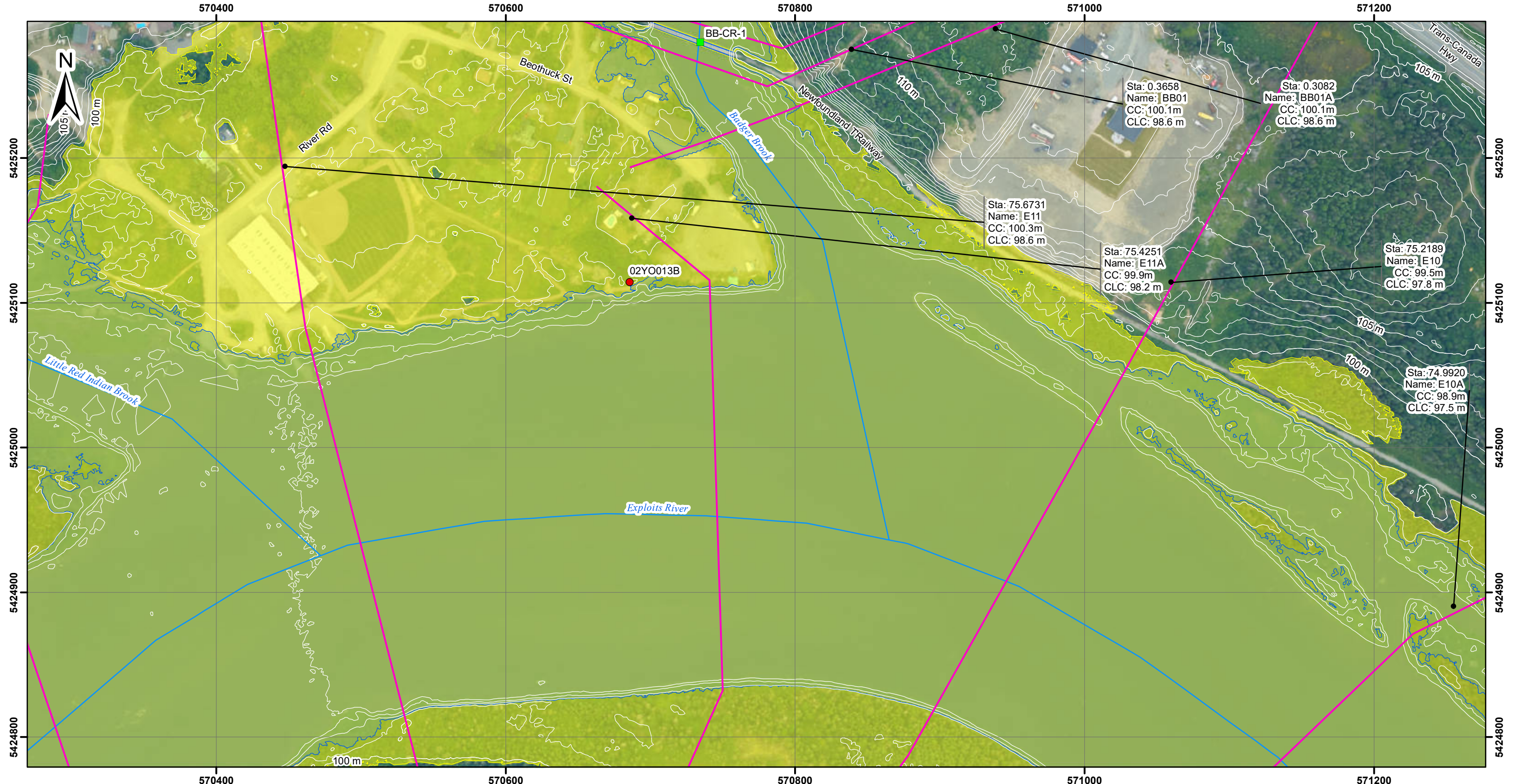
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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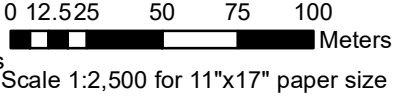


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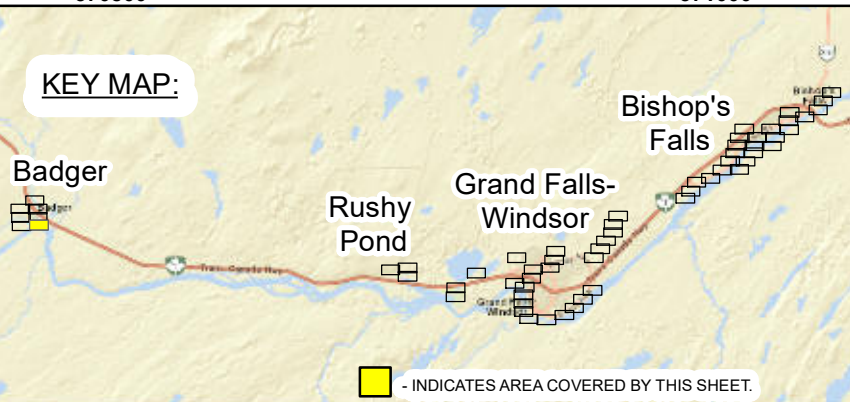
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- CC: 1:100 Current Climate Water Surface El.
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NOTES:

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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

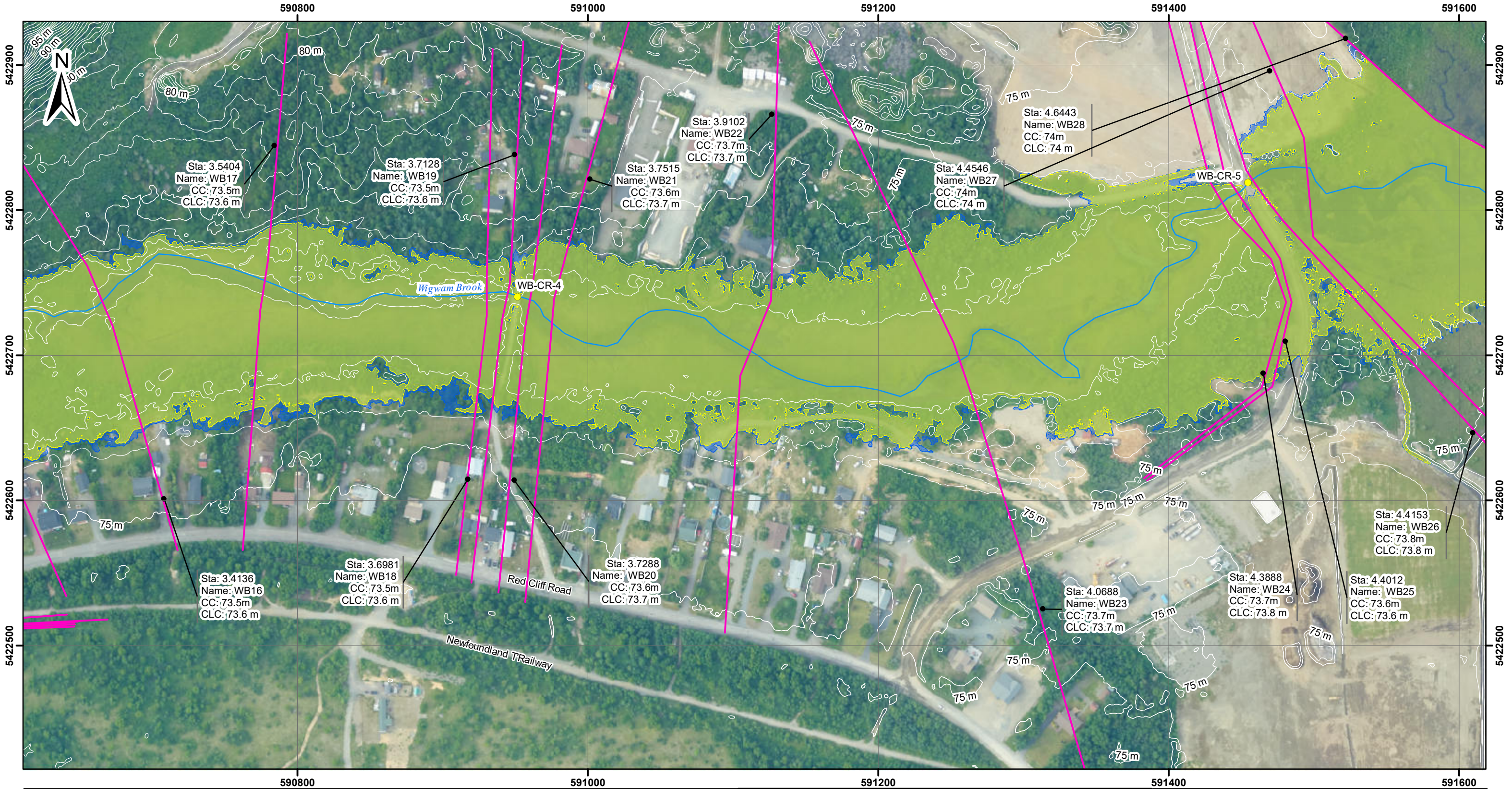
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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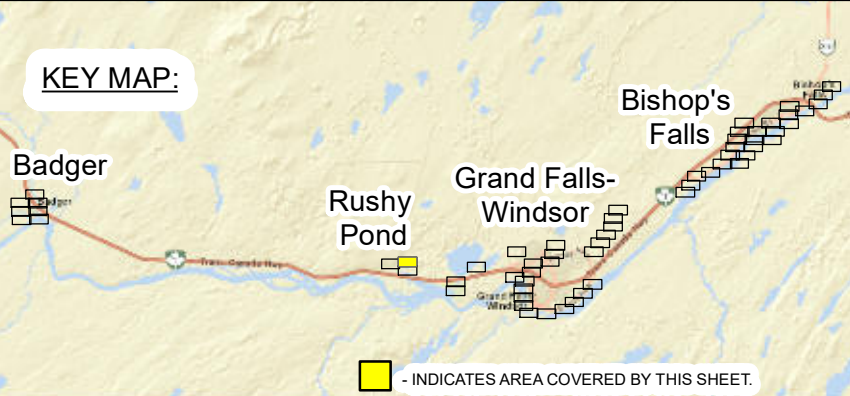
Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
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NOTES:

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 - Topographic map and world imagery outside project area by ESRI.
- Sta: Station
Name: Survey ID (n/a if not surveyed)
CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.
- 0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

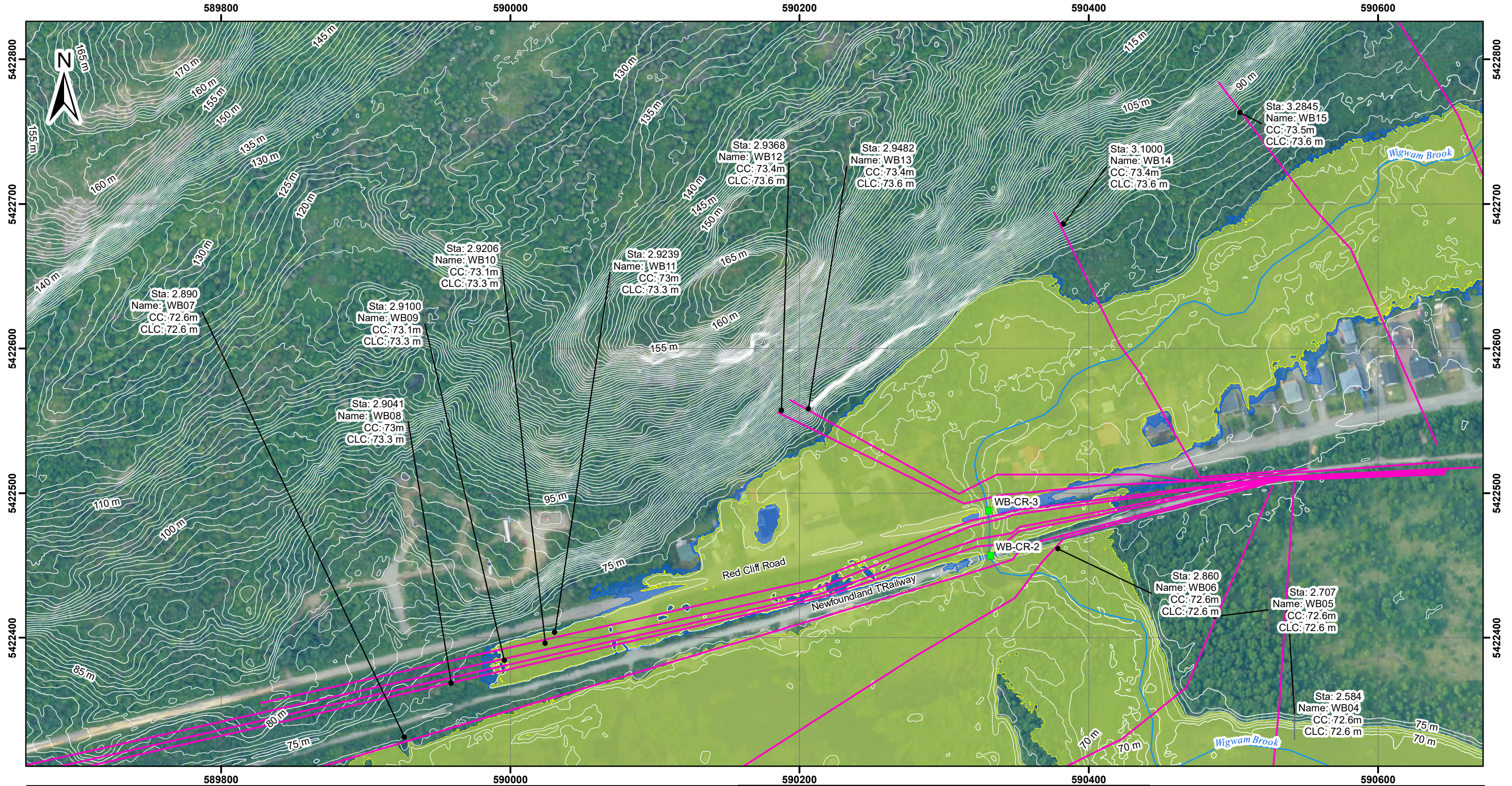
MAP SET #12

1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
- Hydrometric Station

NOTES:

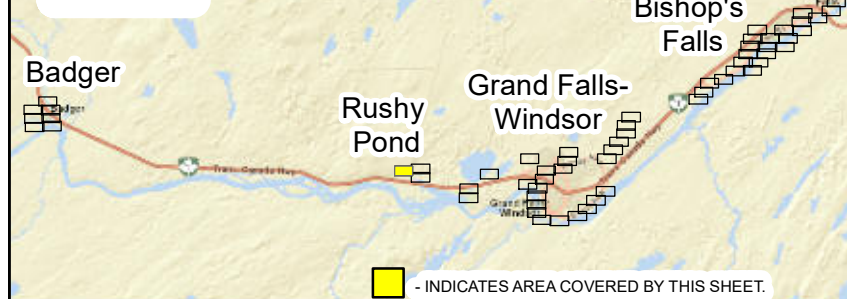
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CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.

0 12.525 50 75 100
Meters
Scale 1:2,500 for 11"x17" paper size

Cross Sections

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

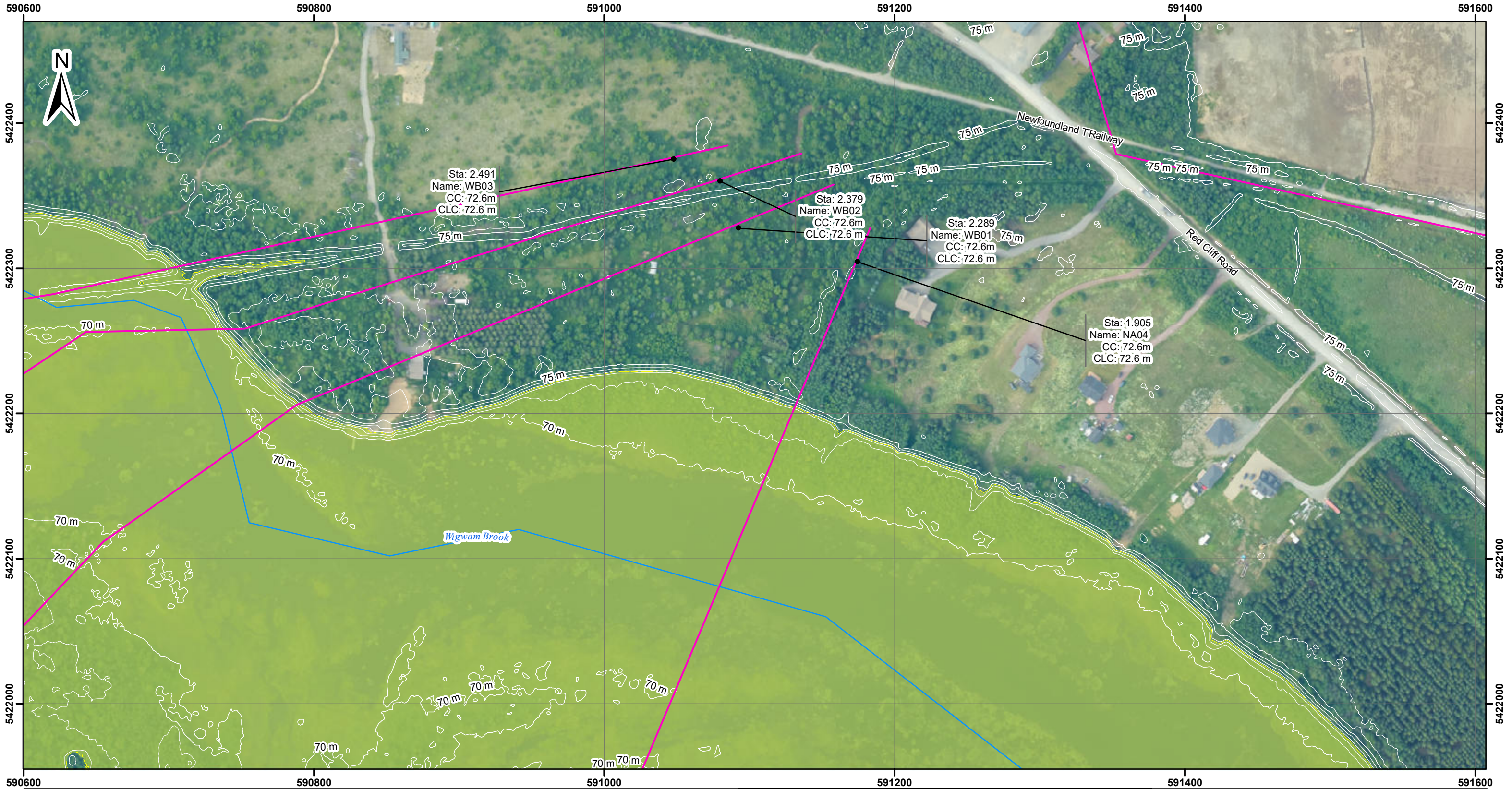
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
- Hydrometric Station

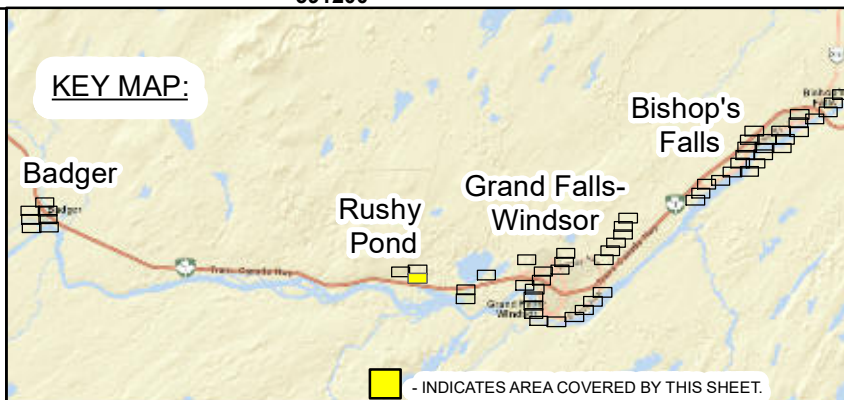
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Sta: Station
Name: Survey ID (n/a if not surveyed)
CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.

0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

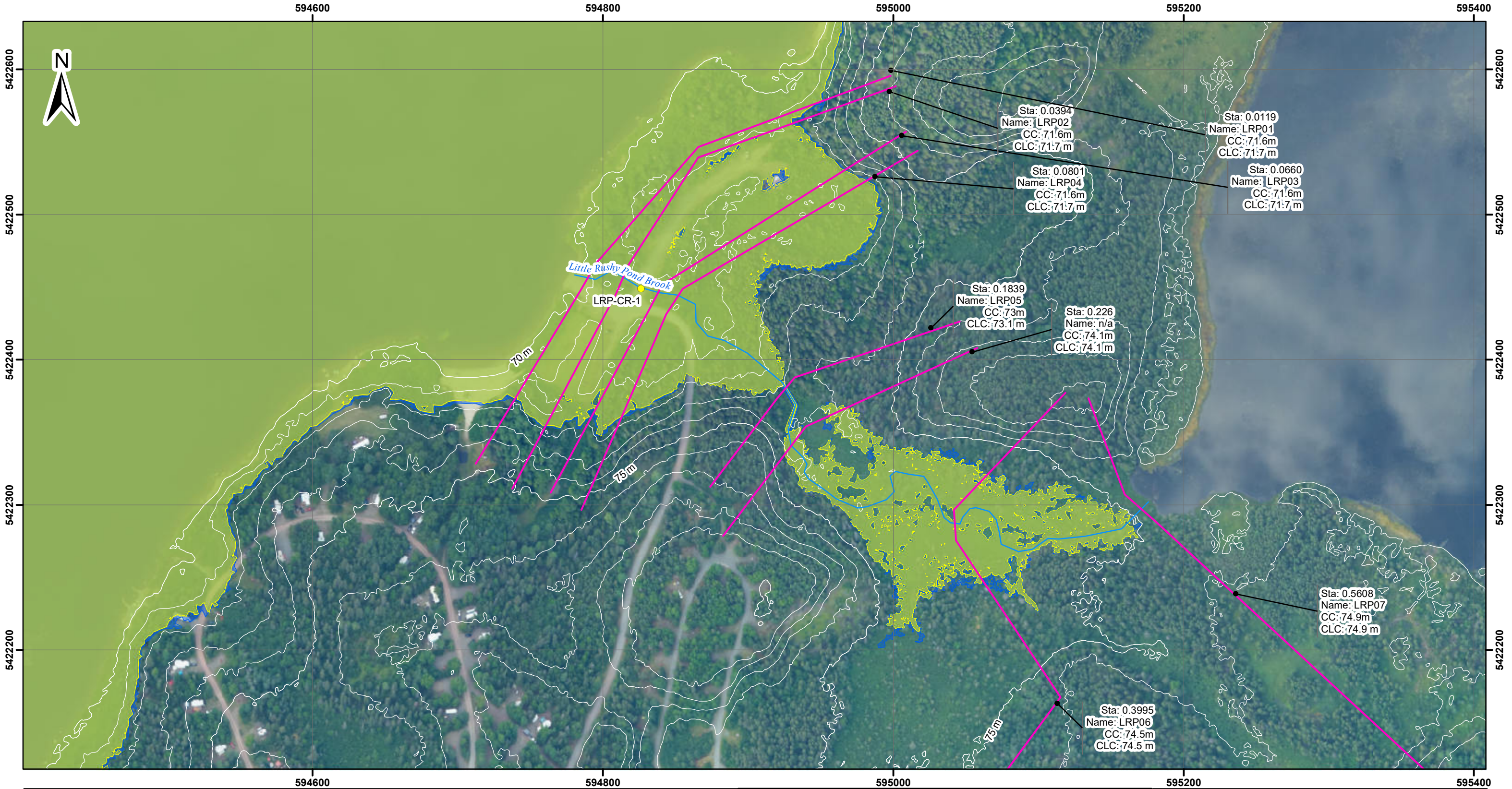
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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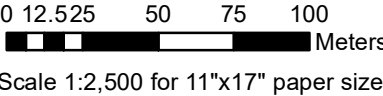


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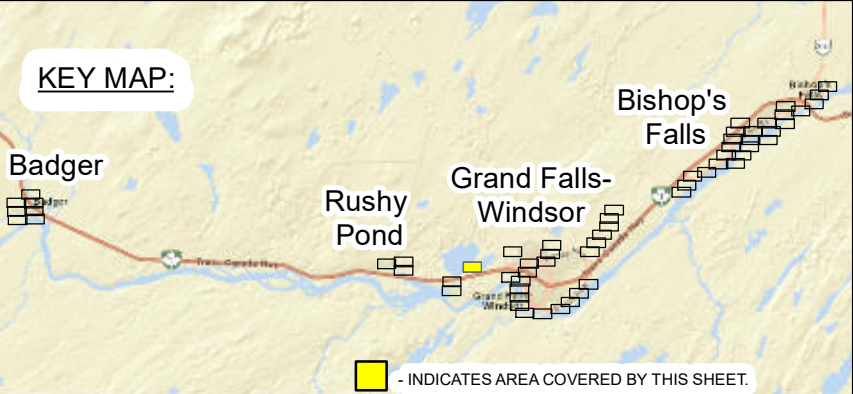
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
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KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

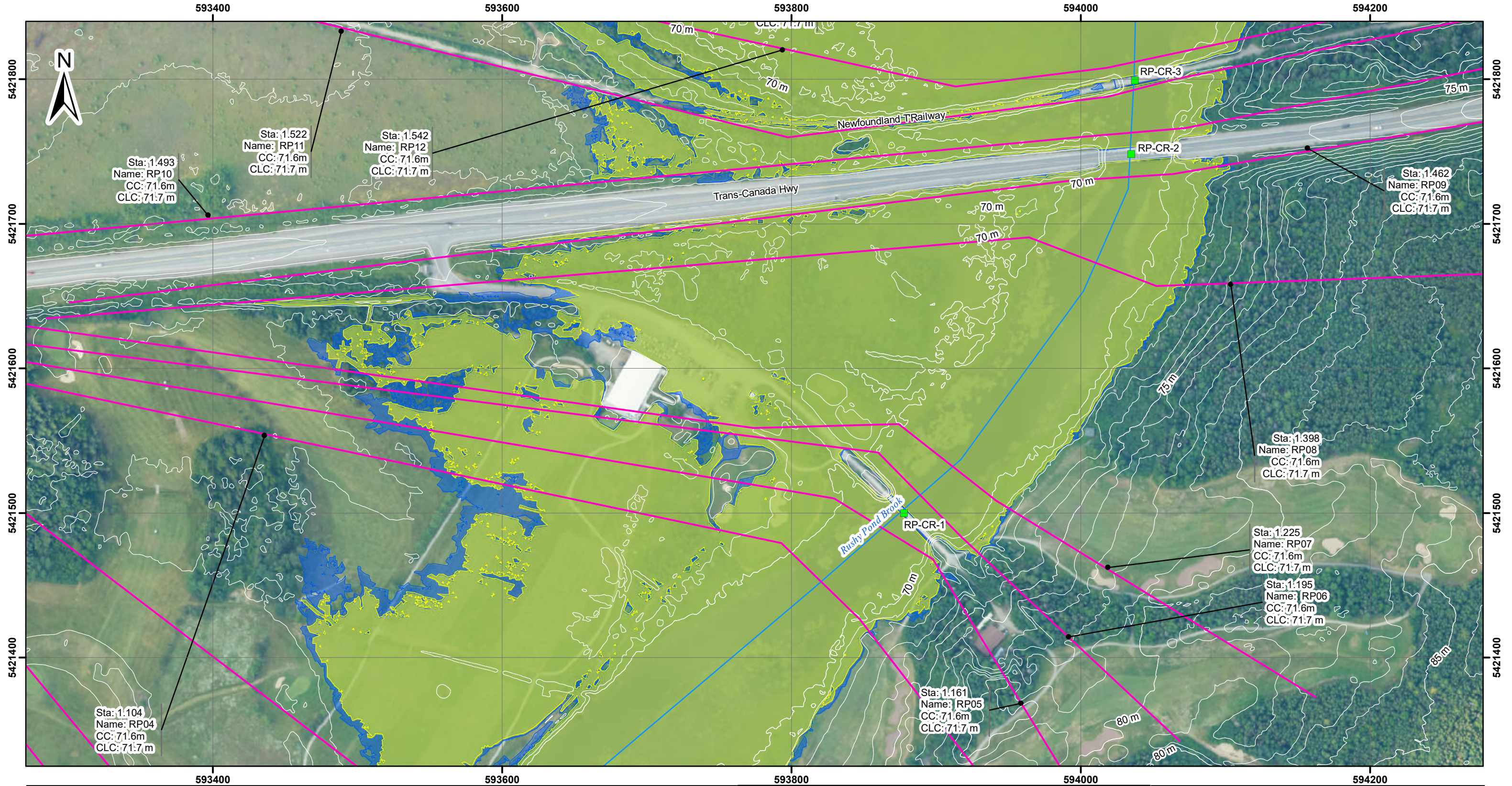
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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Legend

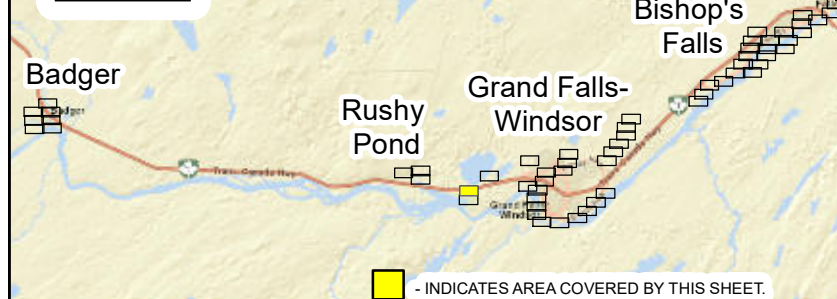
- 1:100 AEP Flood Zone Current Climate
 - 1:100 AEP Flood Zone Climate Change
 - Watercourse Centerline
 - 1 m Contours
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0 12.525 50 75 100
Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

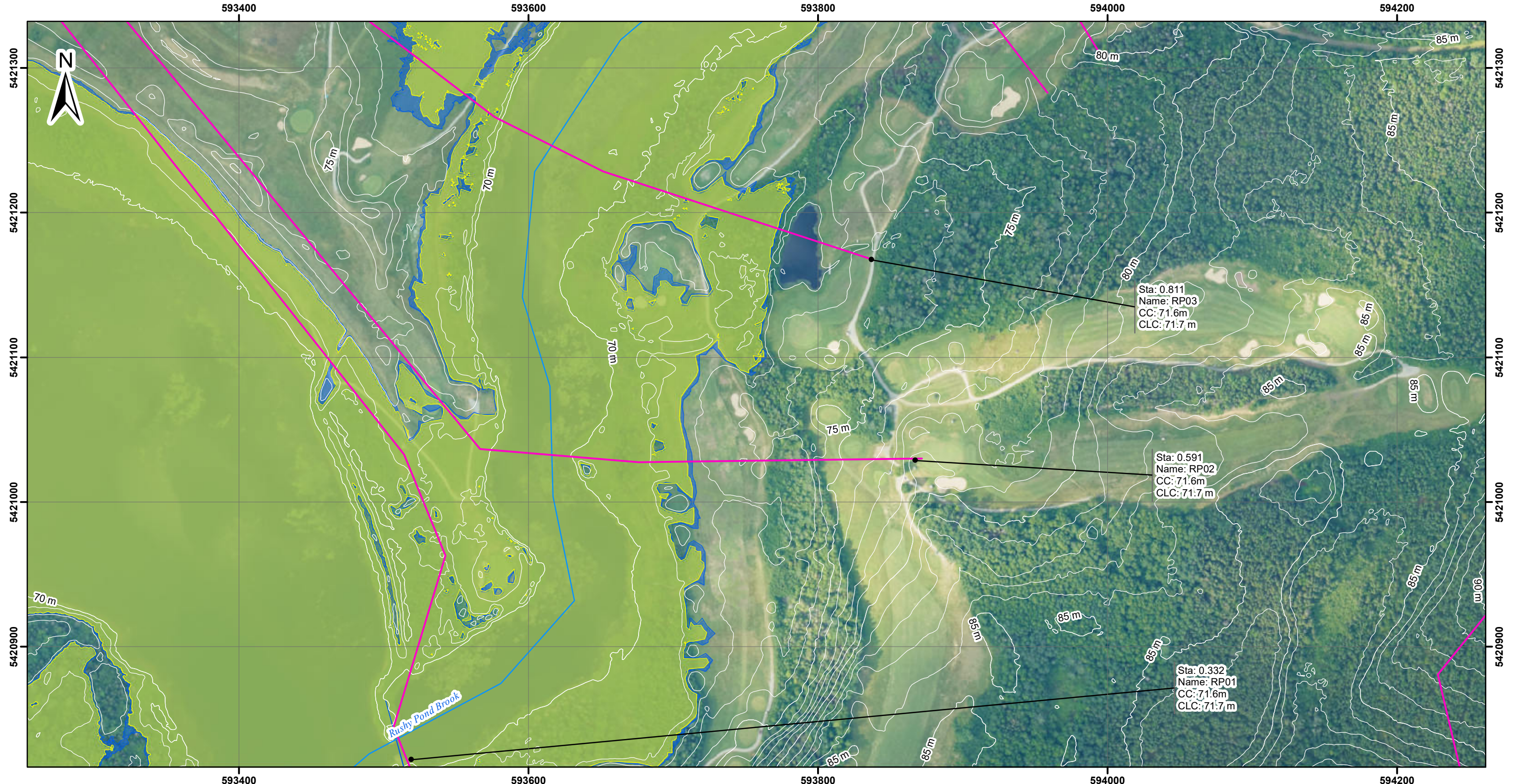
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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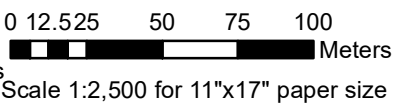


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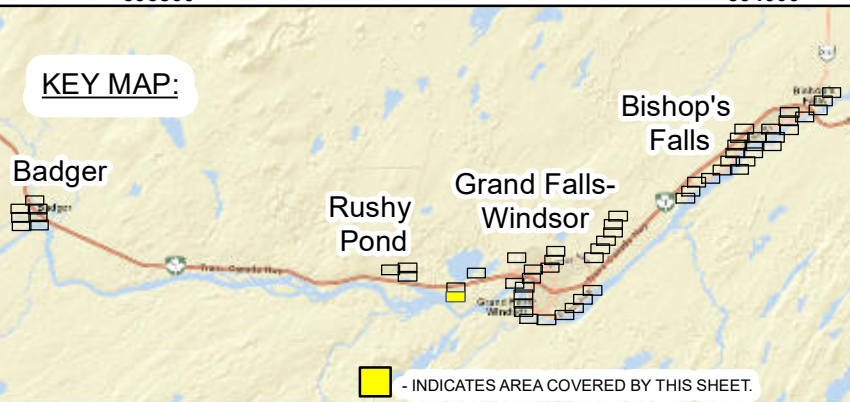
- 1:100 AEP Flood Zone Current Climate
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WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021
PROJECT #: H-358566

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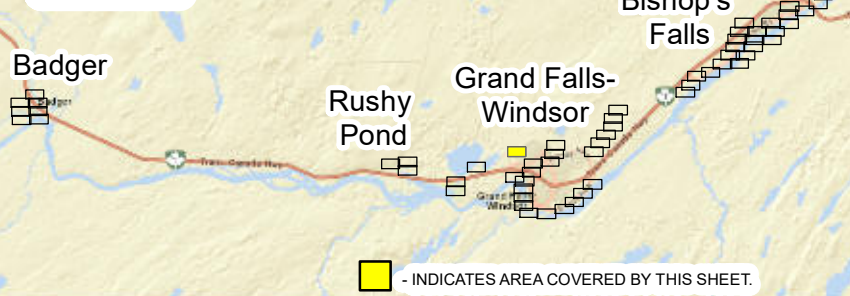
Legend

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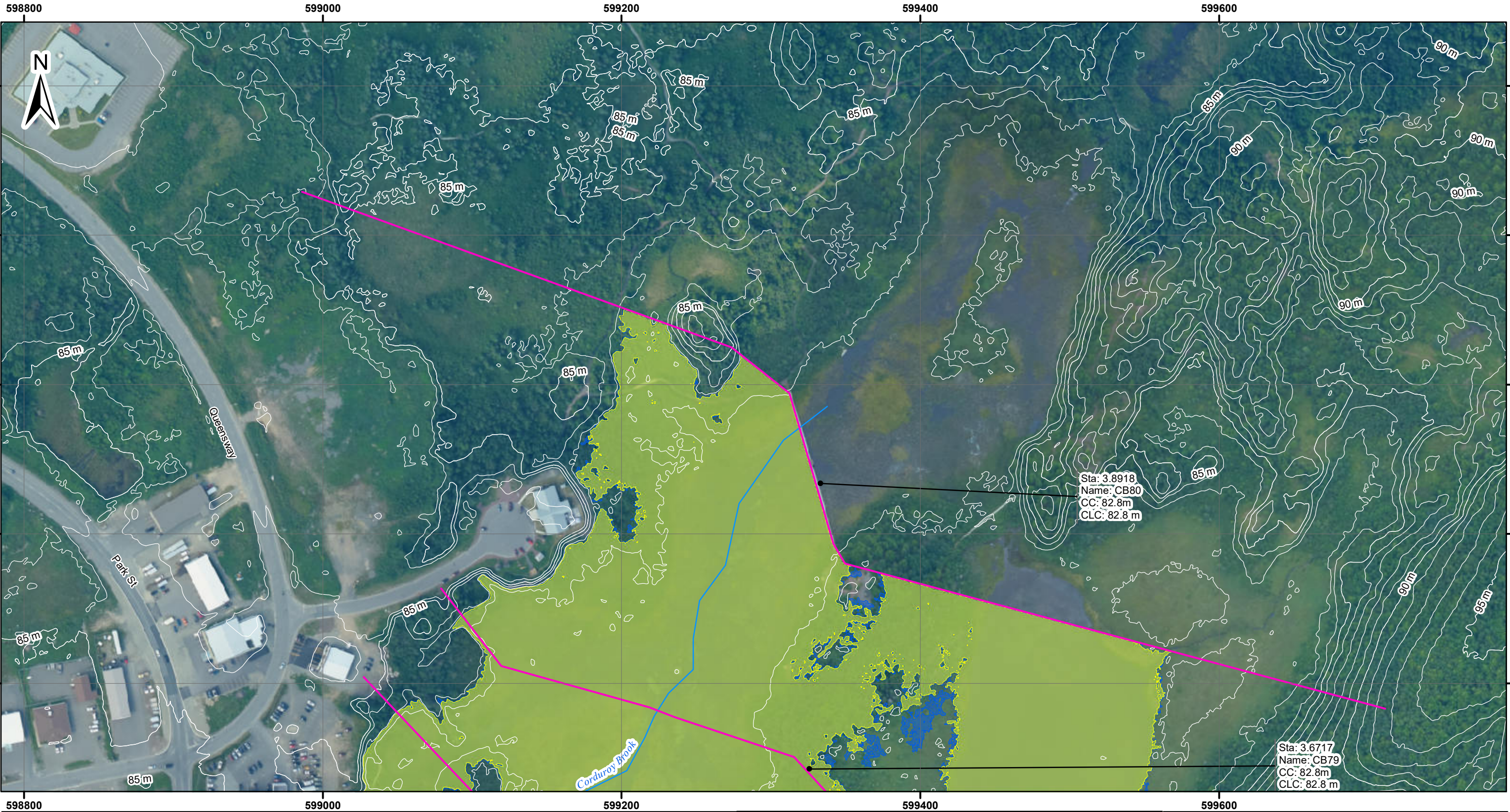
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- 0 12.525 50 75 100 Meters
- Scale 1:2,500 for 11"x17" paper size
- Cross Sections

KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION	
EXPLOITS RIVER FLOOD RISK MAPPING STUDY	
MAP SET #12	
1:100 AEP FLOOD EXTENT MAP	
CURRENT CLIMATE AND CLIMATE CHANGE	
DETAIL MAP	
DATE: 05/17/2021	Page 14 of 61
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Legend

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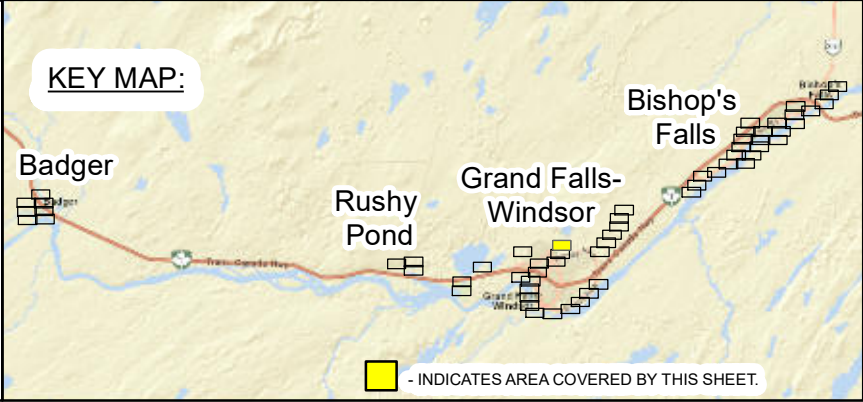
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Meters

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Cross Sections



HATCH

Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12

1:100 AEP FLOOD EXTENT MAP

CURRENT CLIMATE AND CLIMATE CHANGE

DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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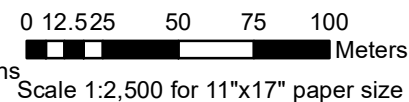


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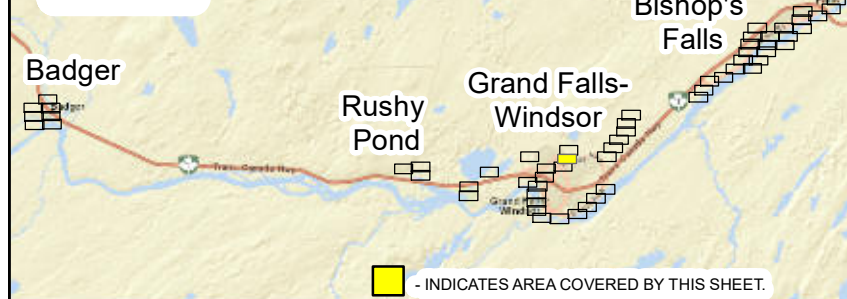
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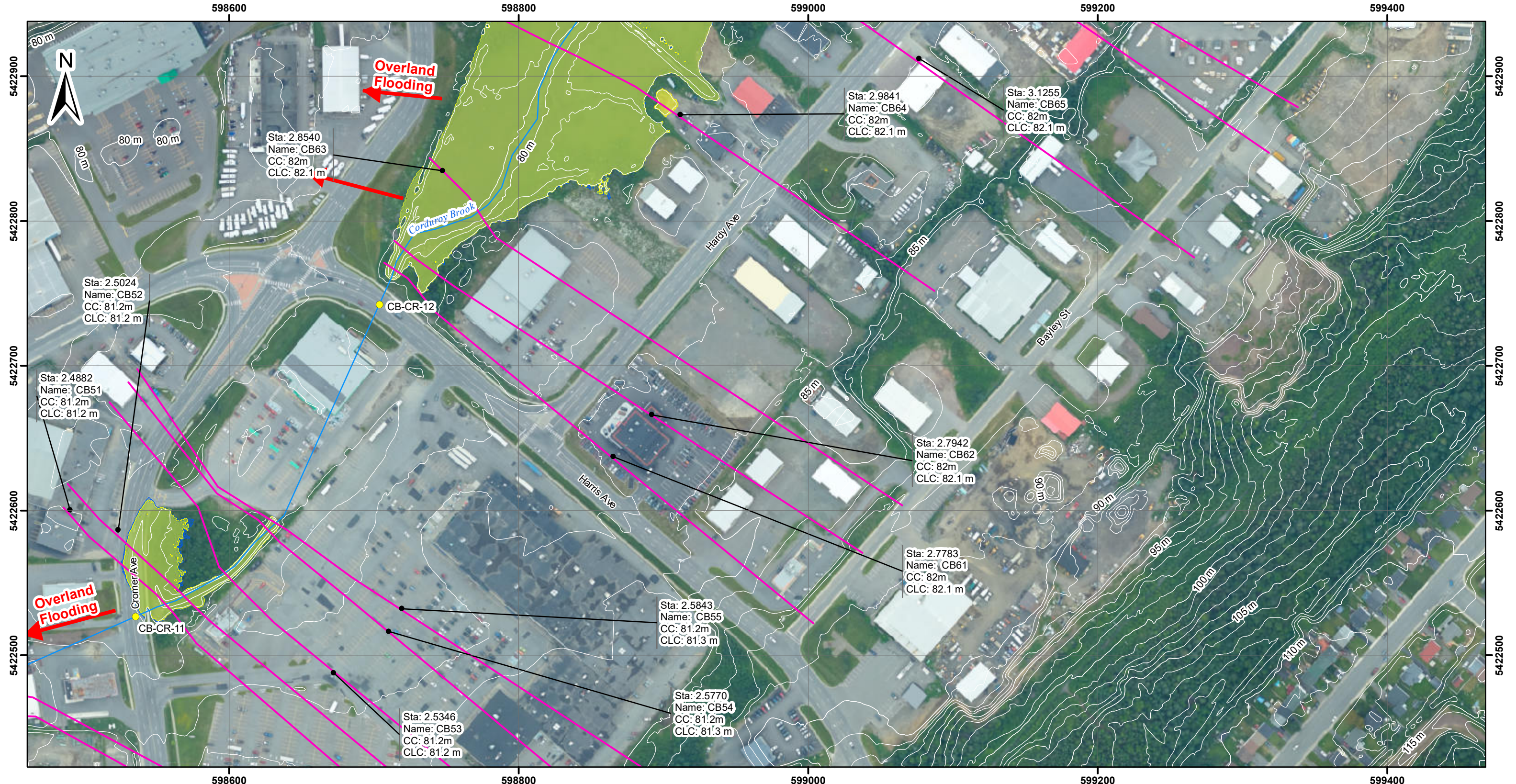
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566



Legend

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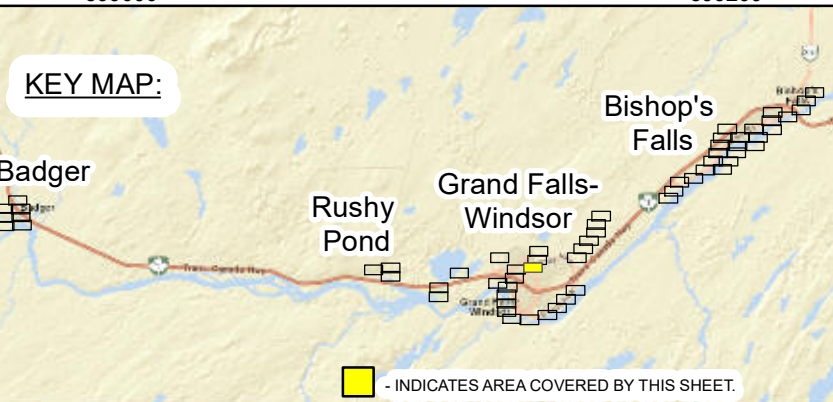
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

Cross Sections





WATER RESOURCES MANAGEMENT DIVISION

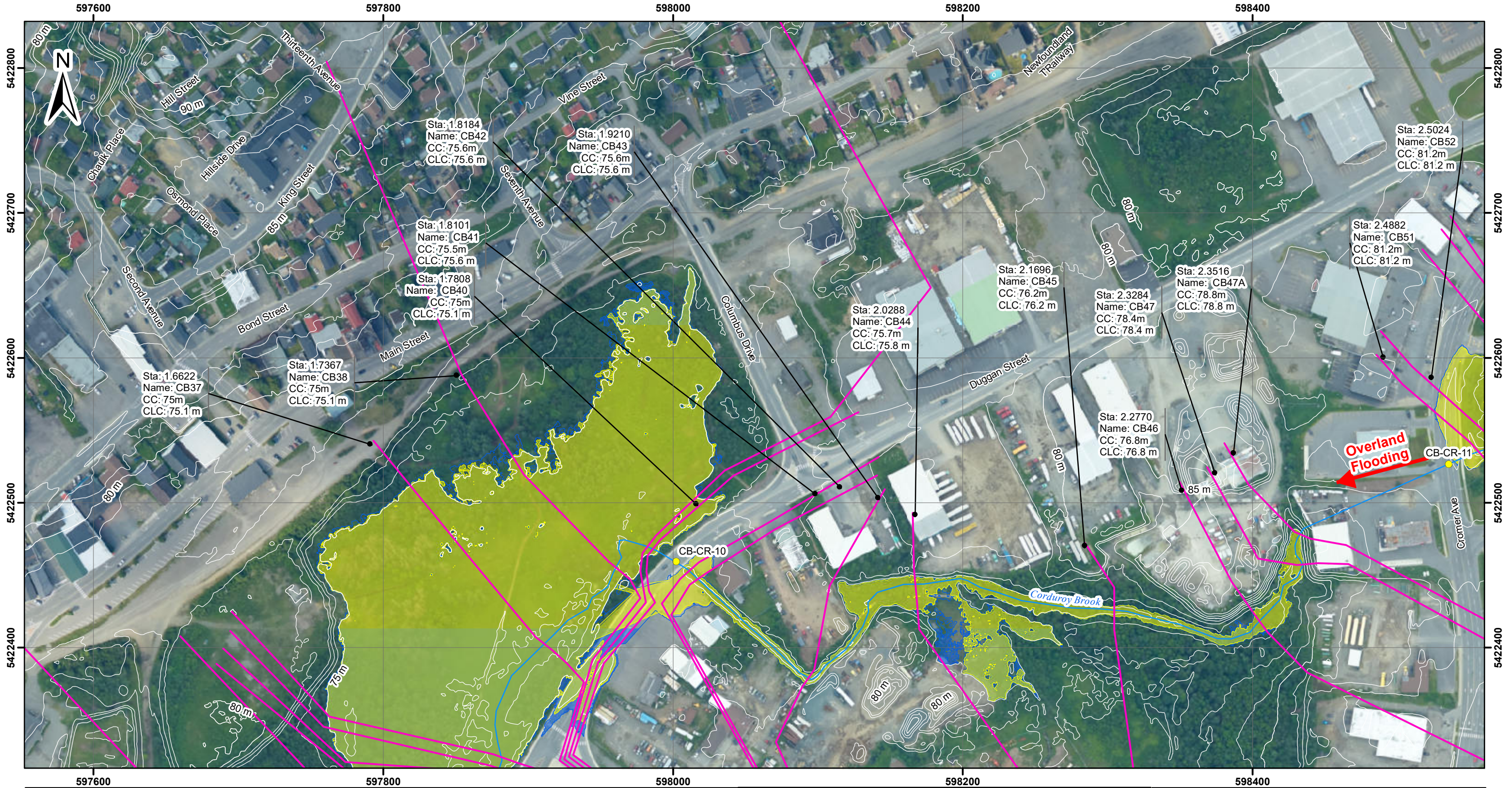
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

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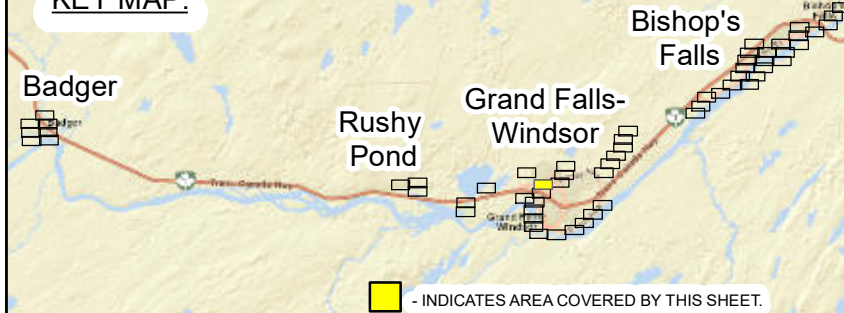
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Cross Sections

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

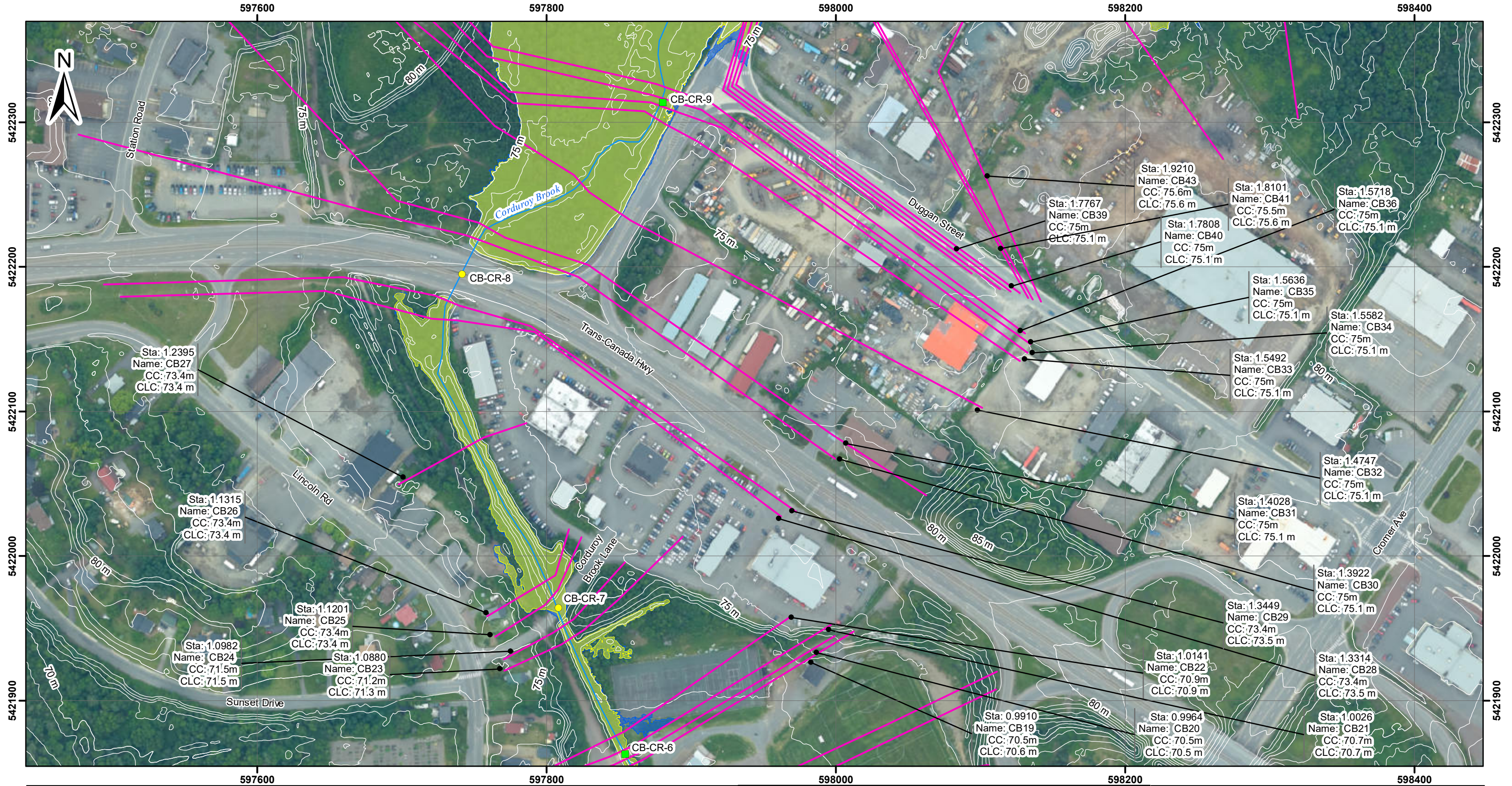
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

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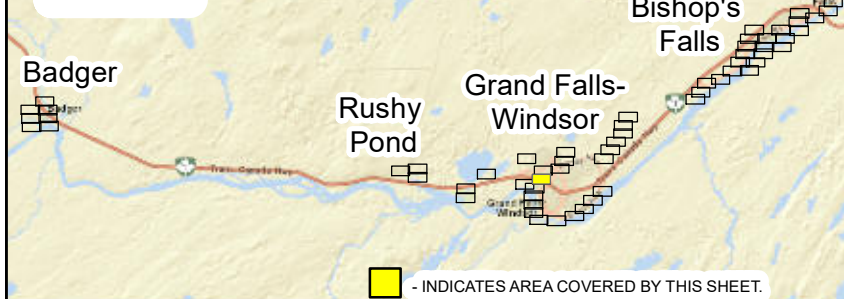
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Cross Sections

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

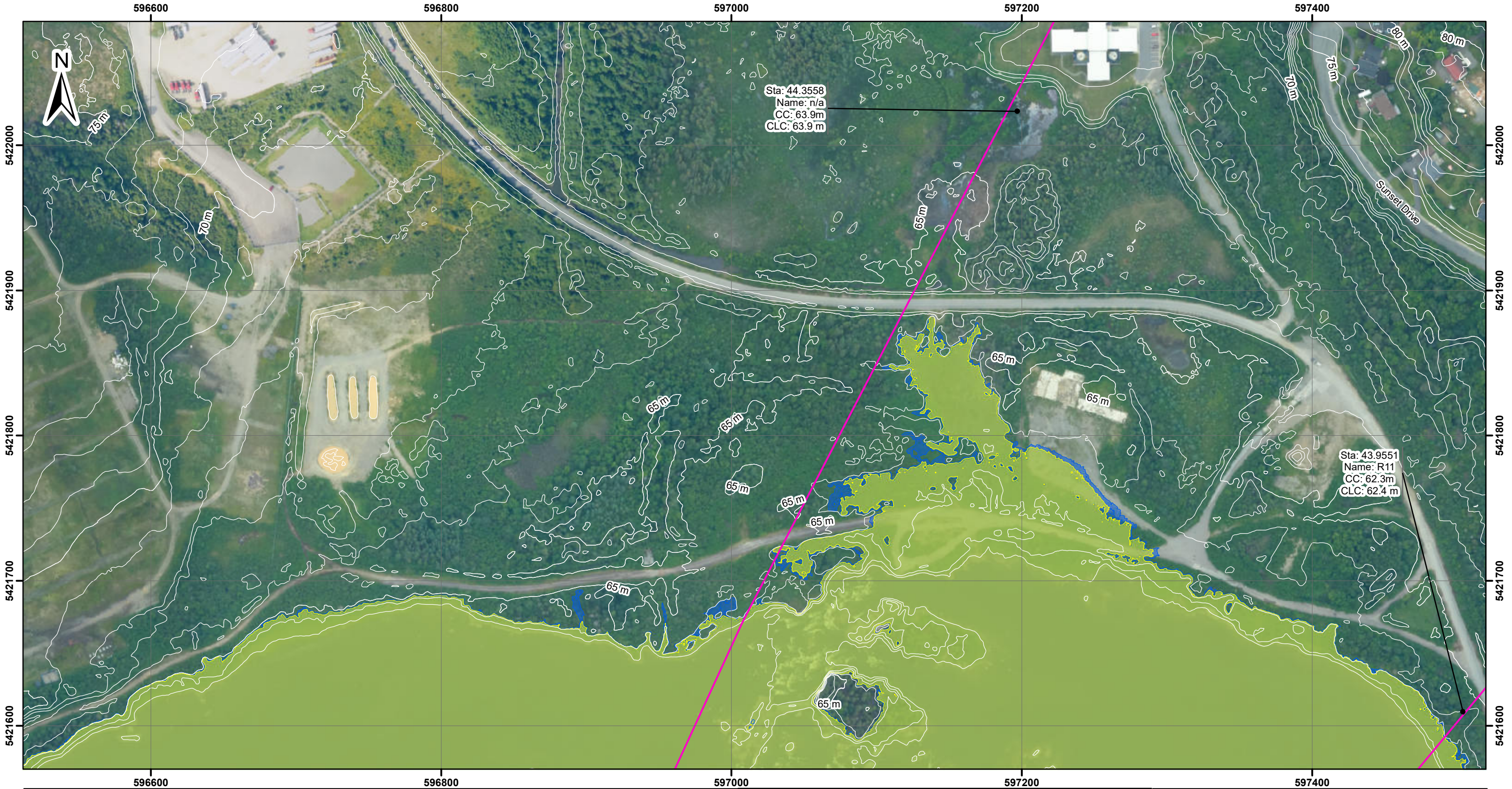
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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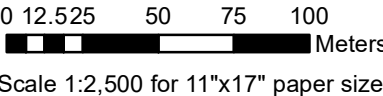


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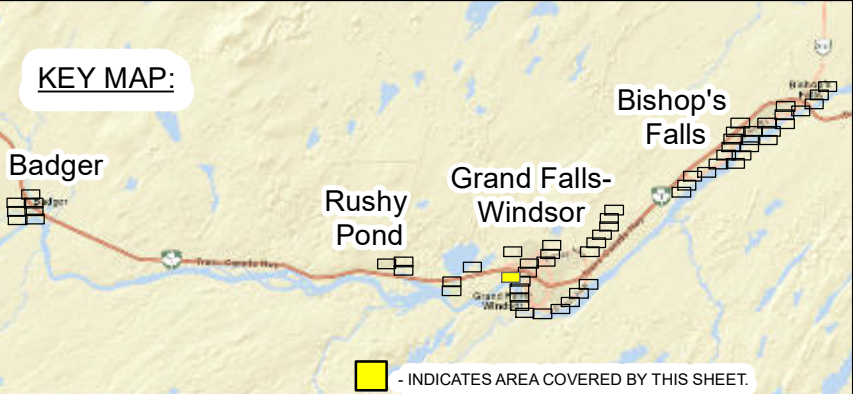
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

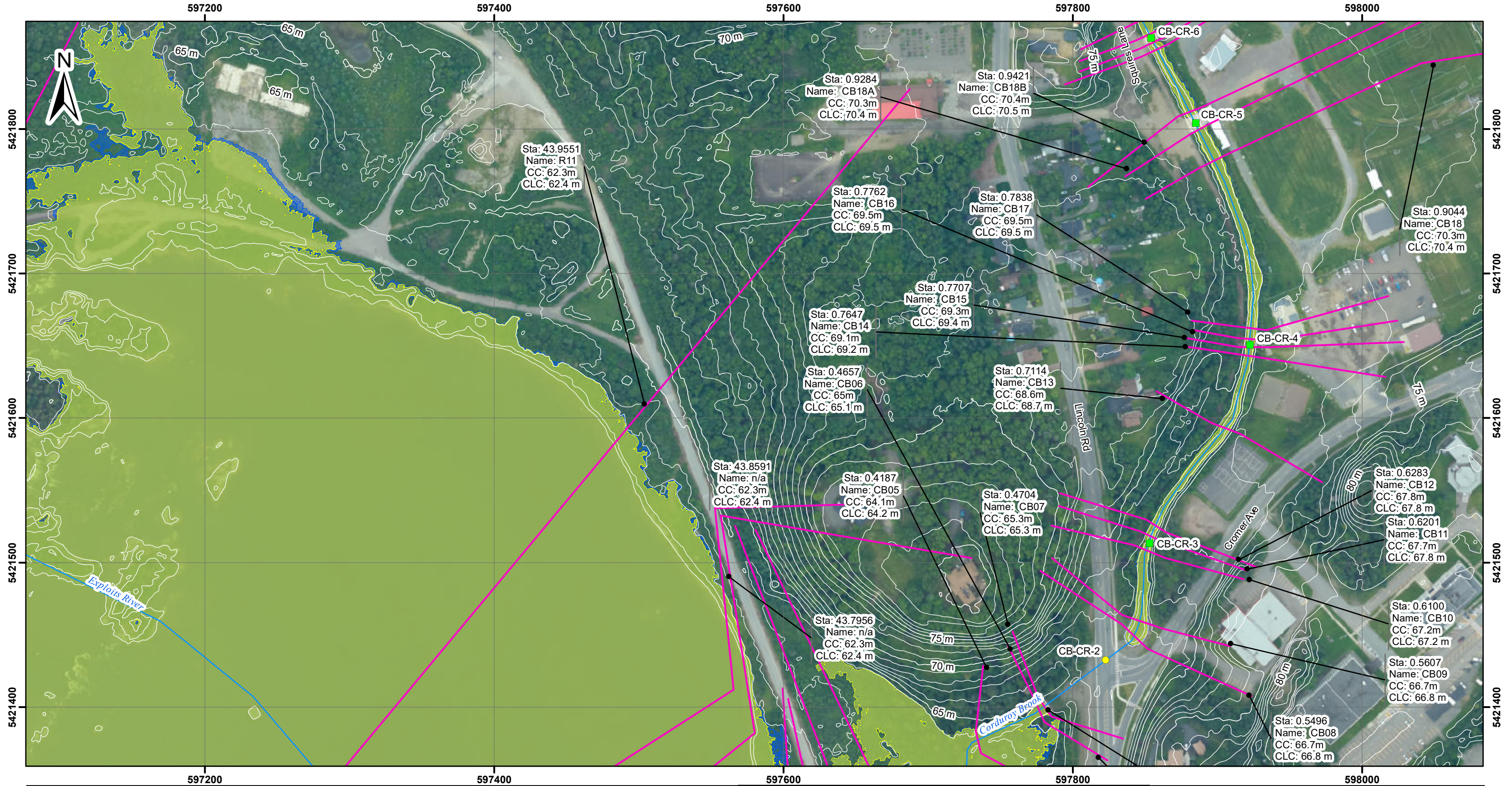
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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Legend

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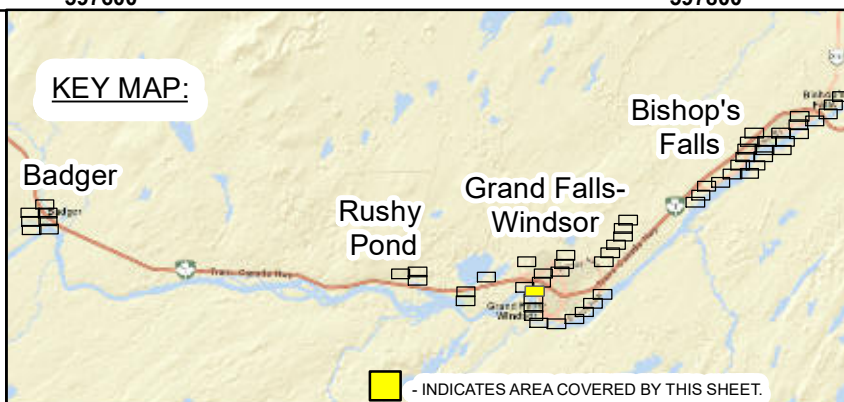
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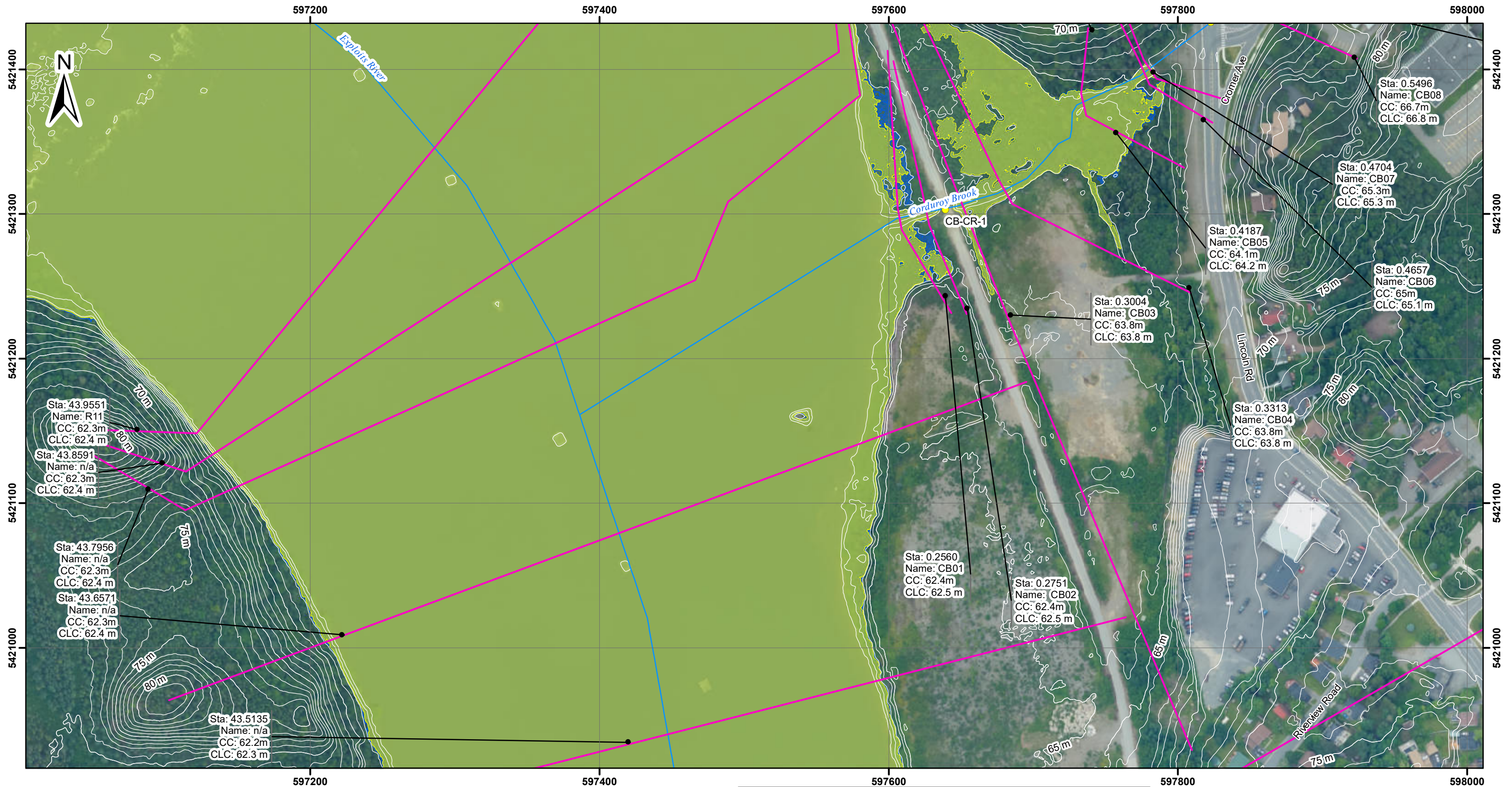
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12

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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

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Legend

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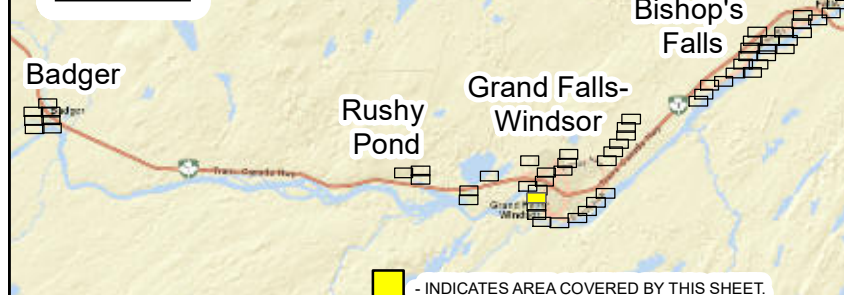
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Cross Sections

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

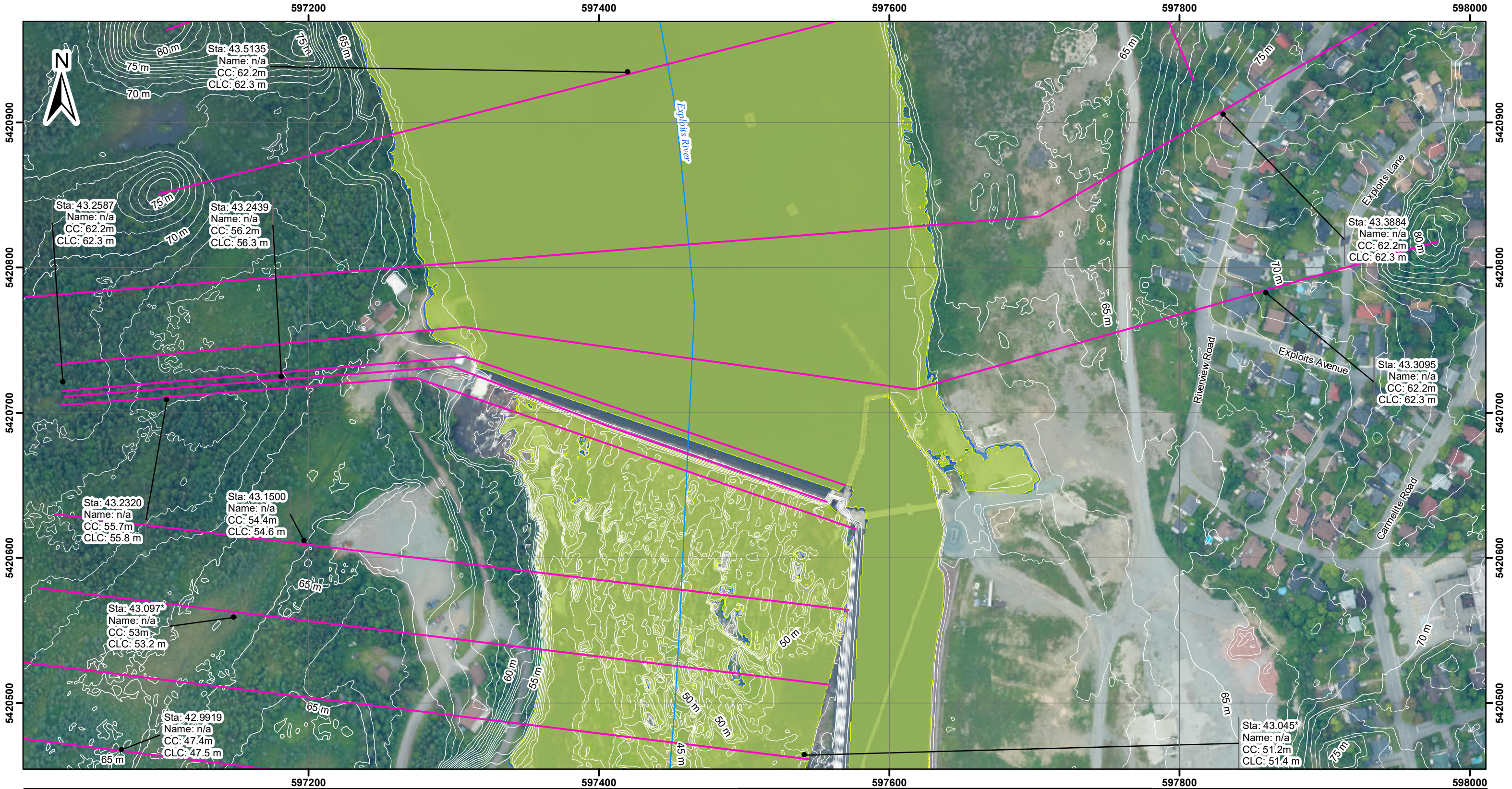
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

- 1:100 AEP Flood Zone Current Climate
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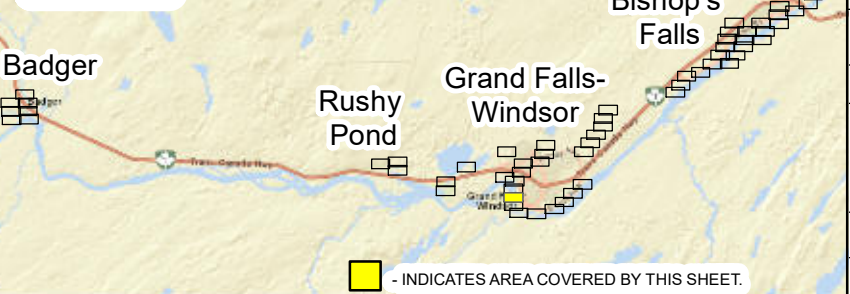
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Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

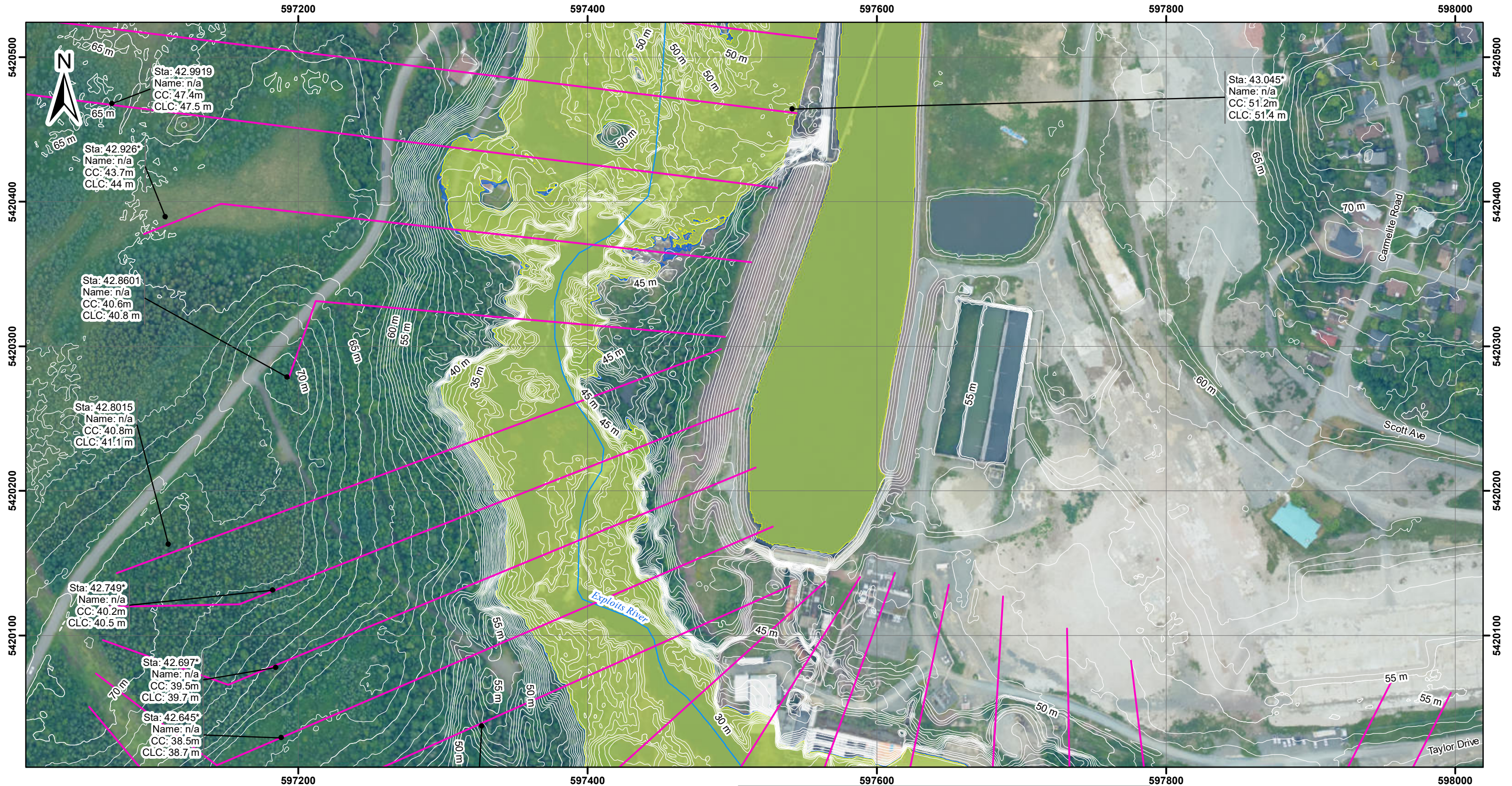
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

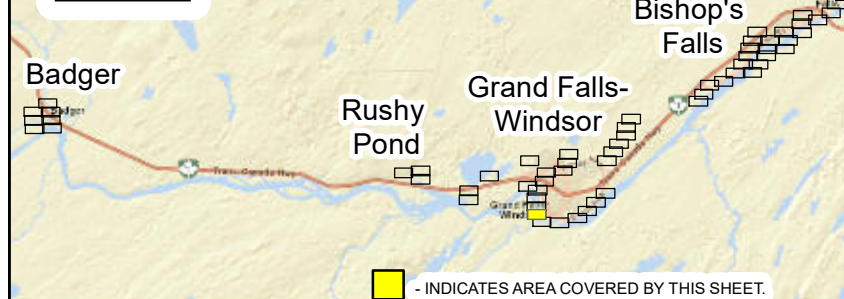
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HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

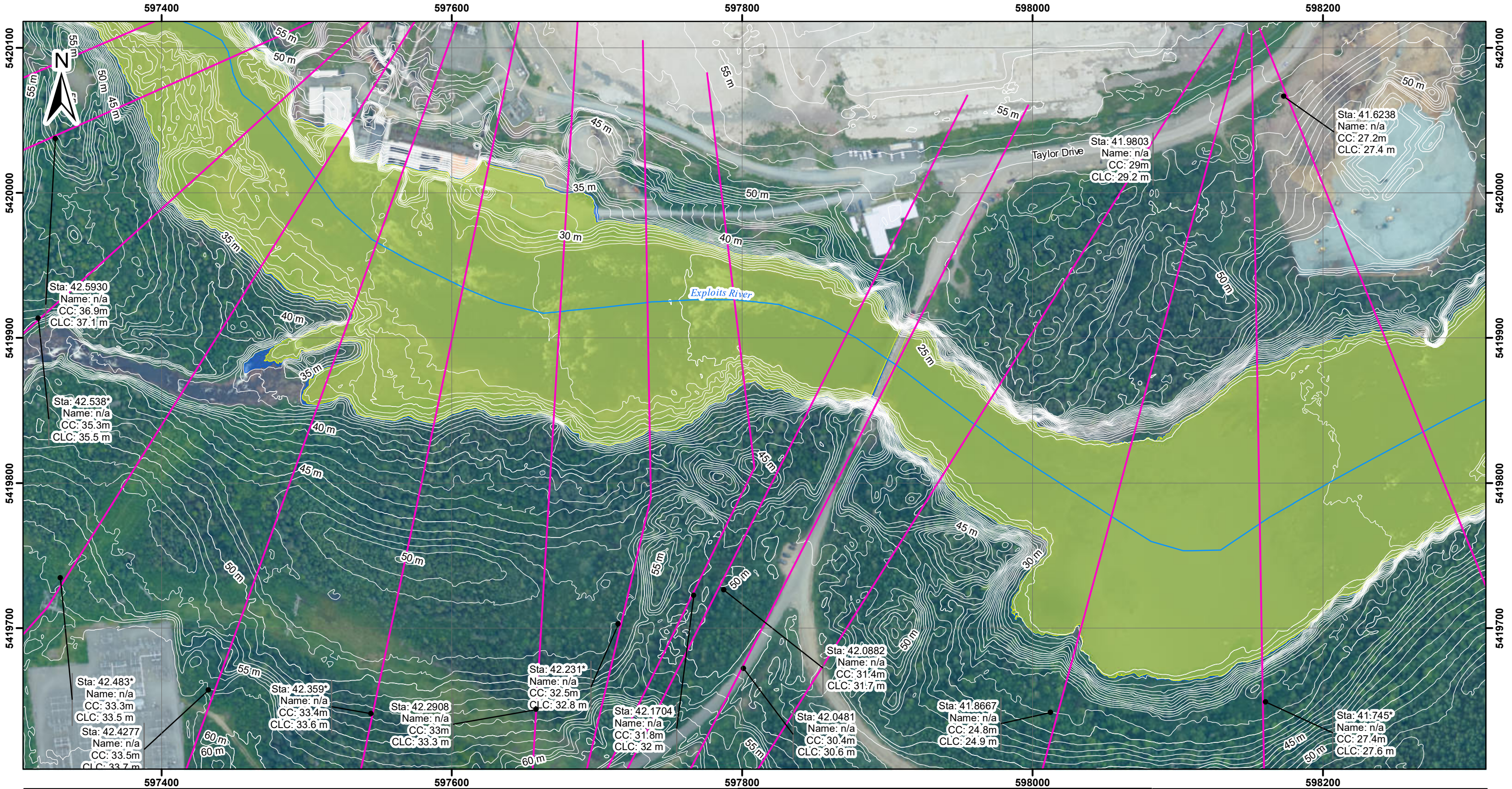
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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Legend

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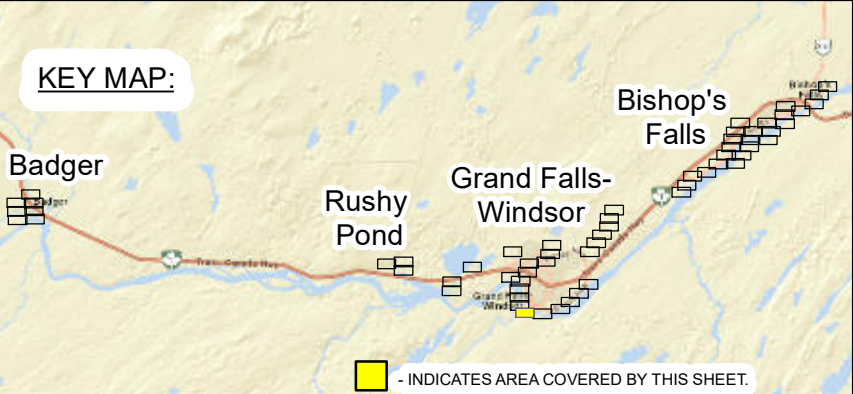
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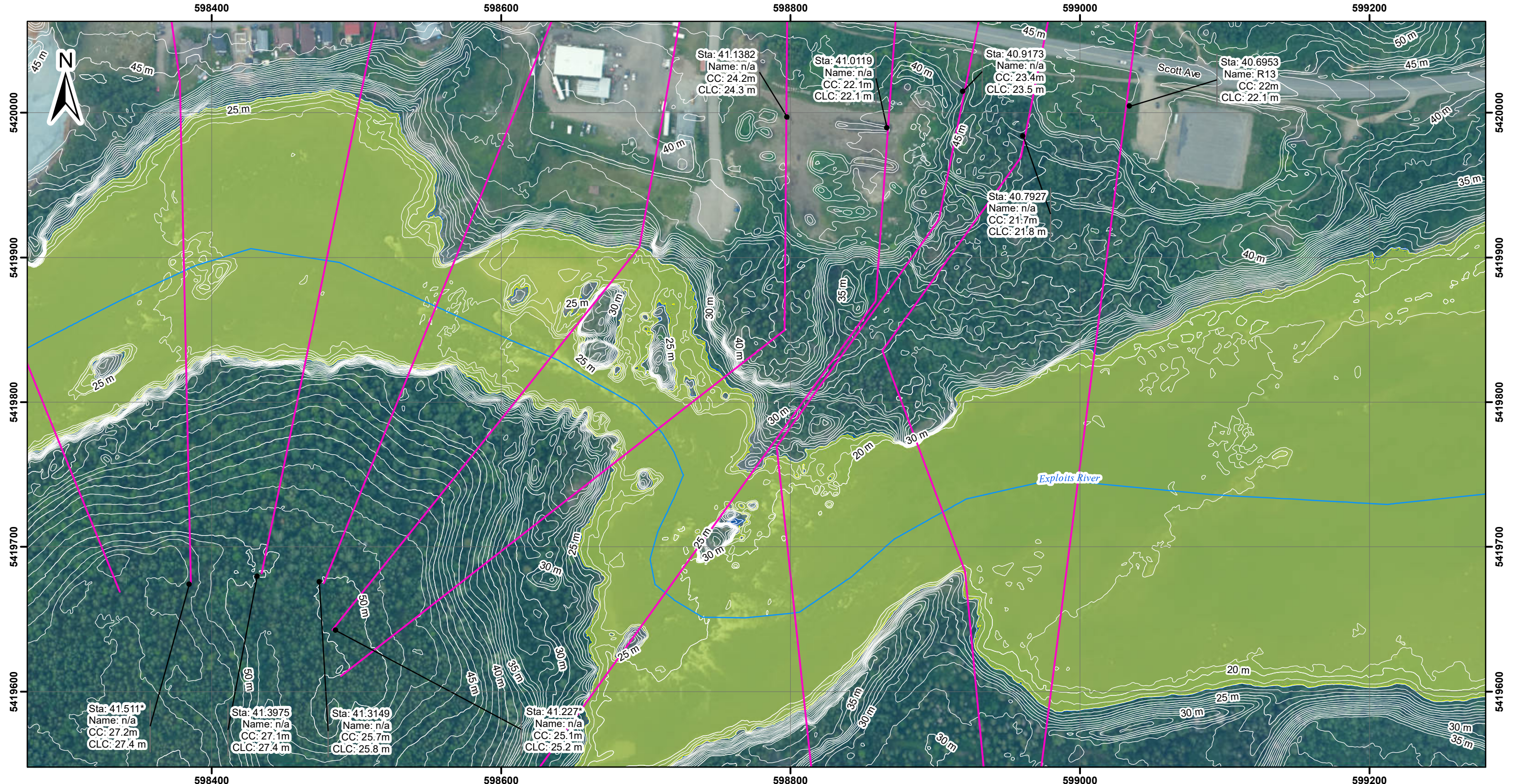


WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

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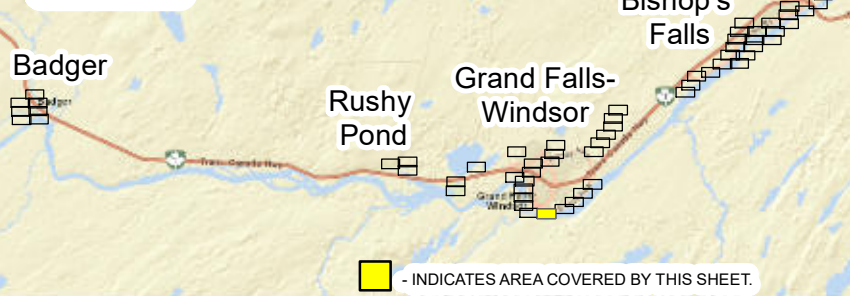
Legend

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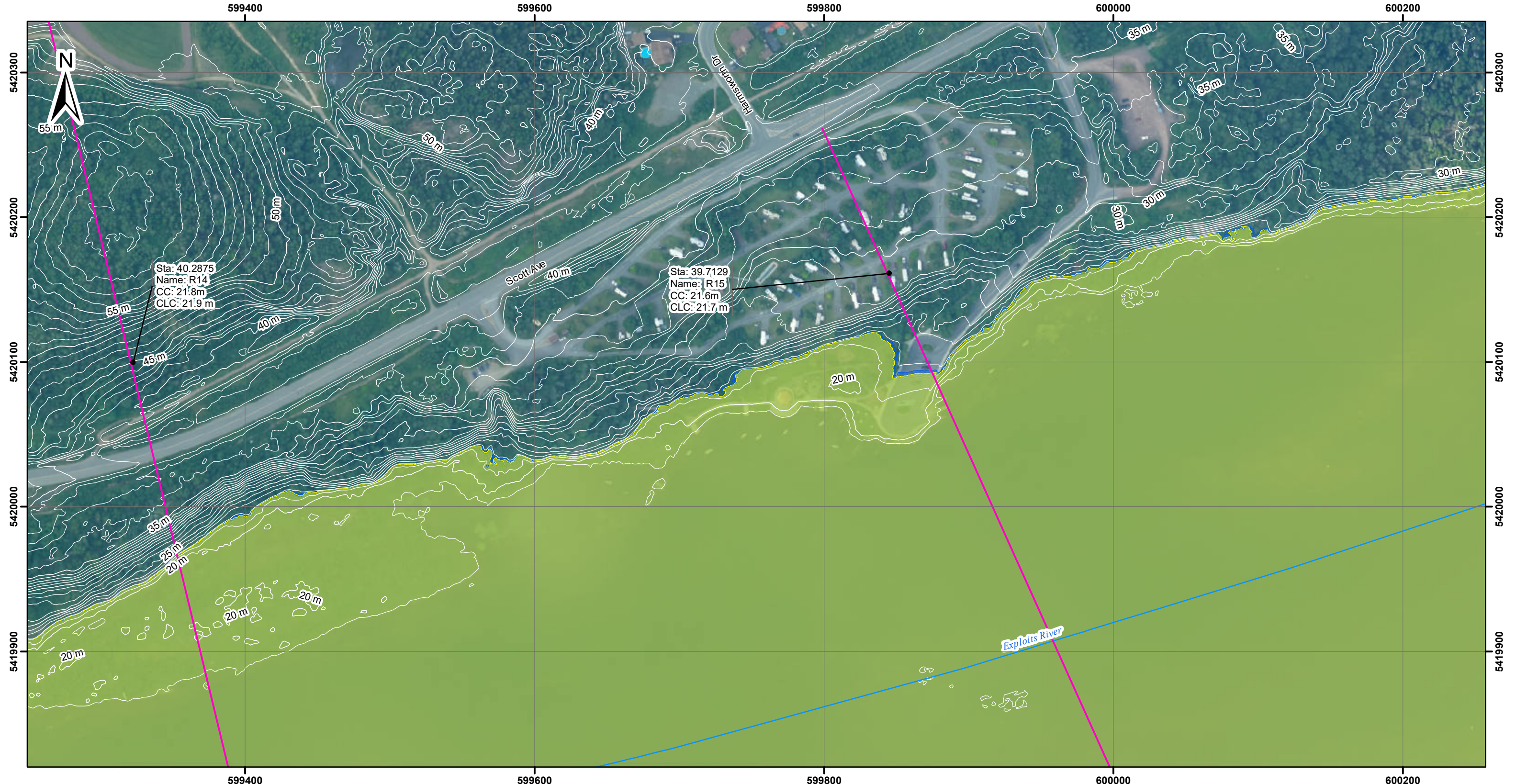


WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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CURRENT CLIMATE AND CLIMATE CHANGE
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DATE: 05/17/2021
PROJECT #: H-358566

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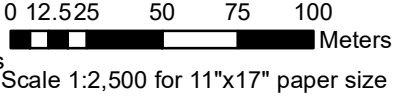


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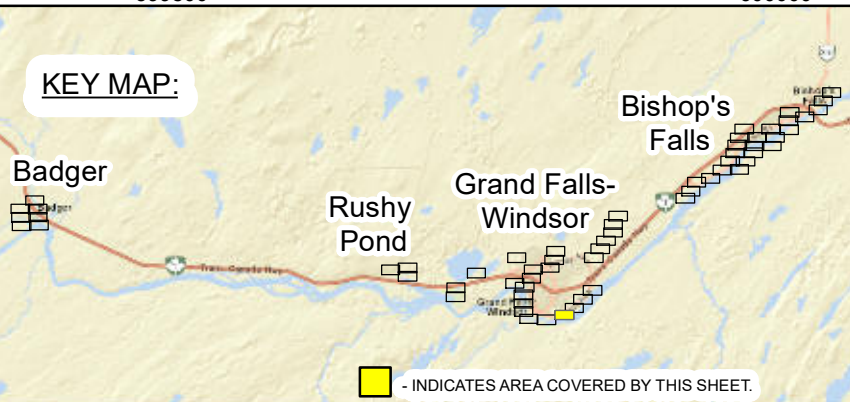
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- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
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KEY MAP:



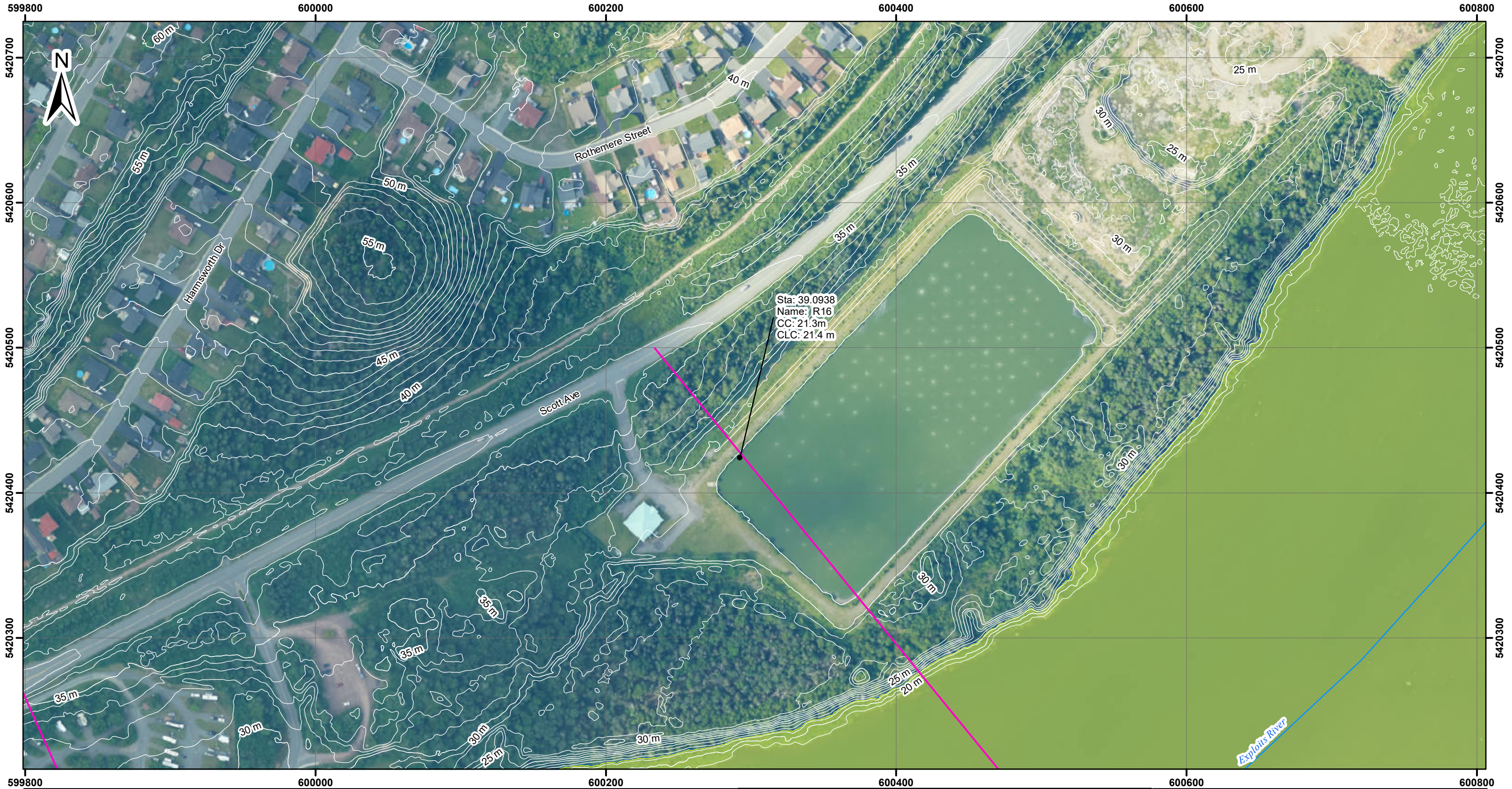
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

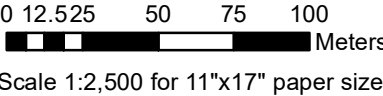


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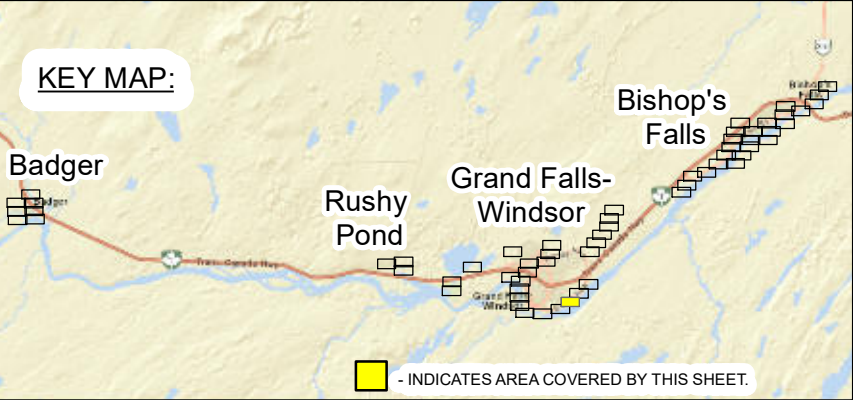
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WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566



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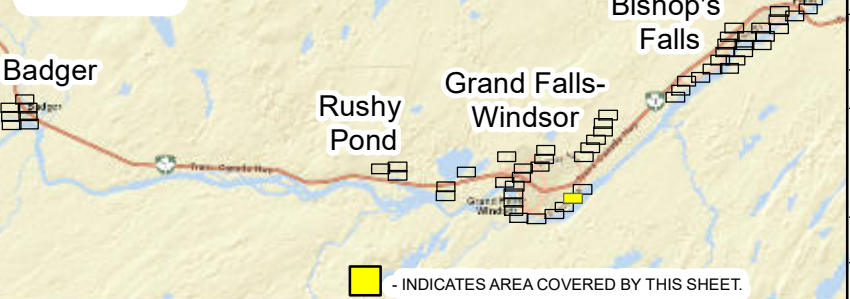
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

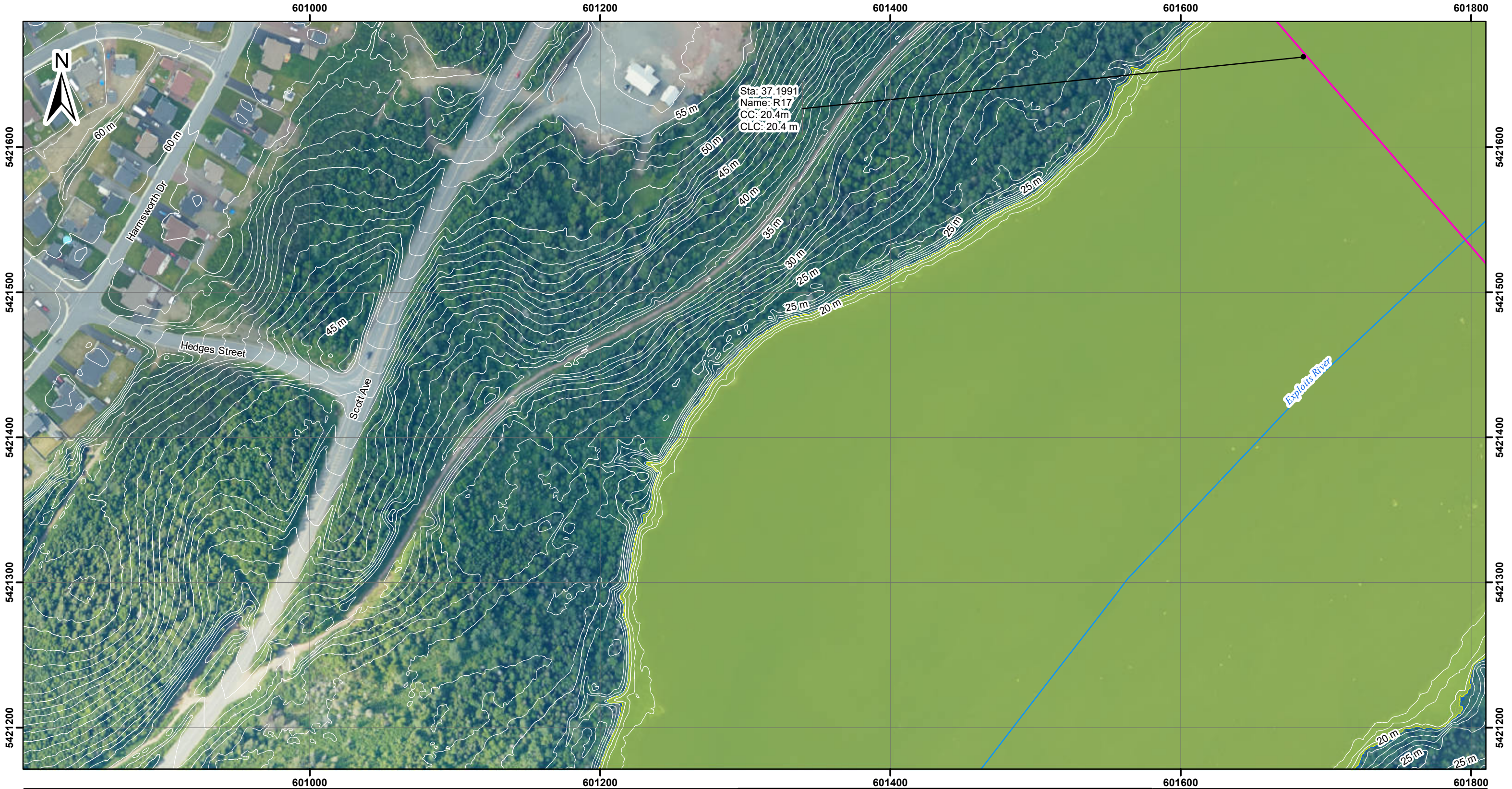
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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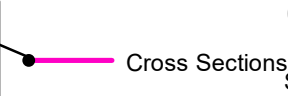
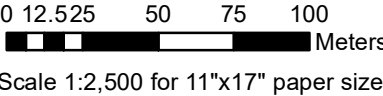


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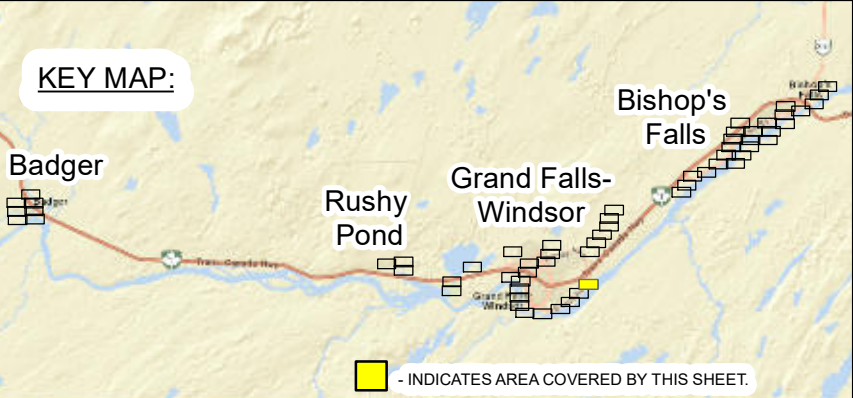
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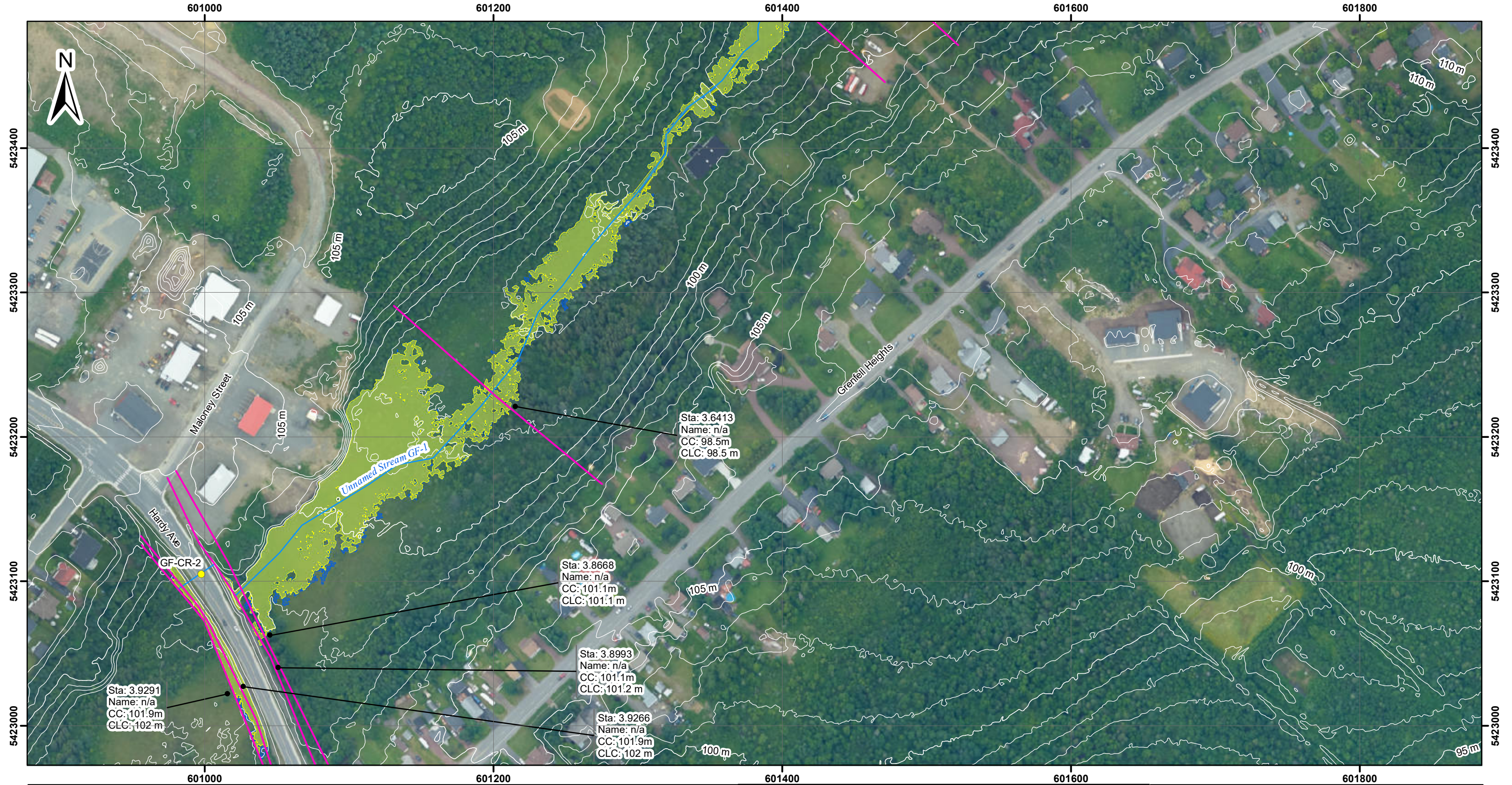
WATER RESOURCES MANAGEMENT DIVISION

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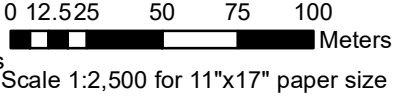


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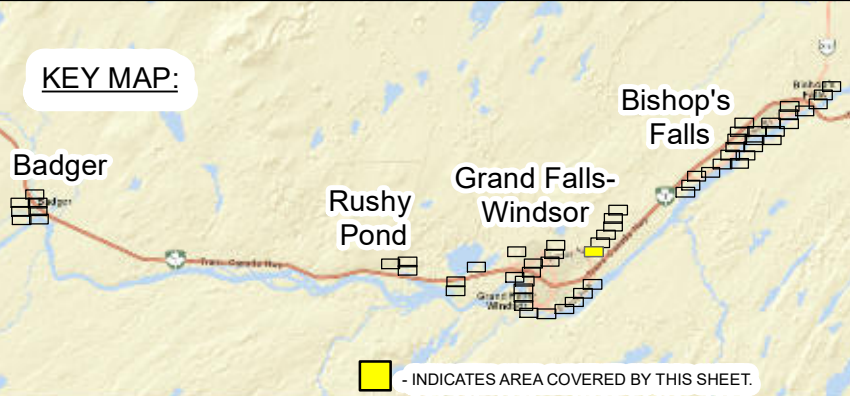
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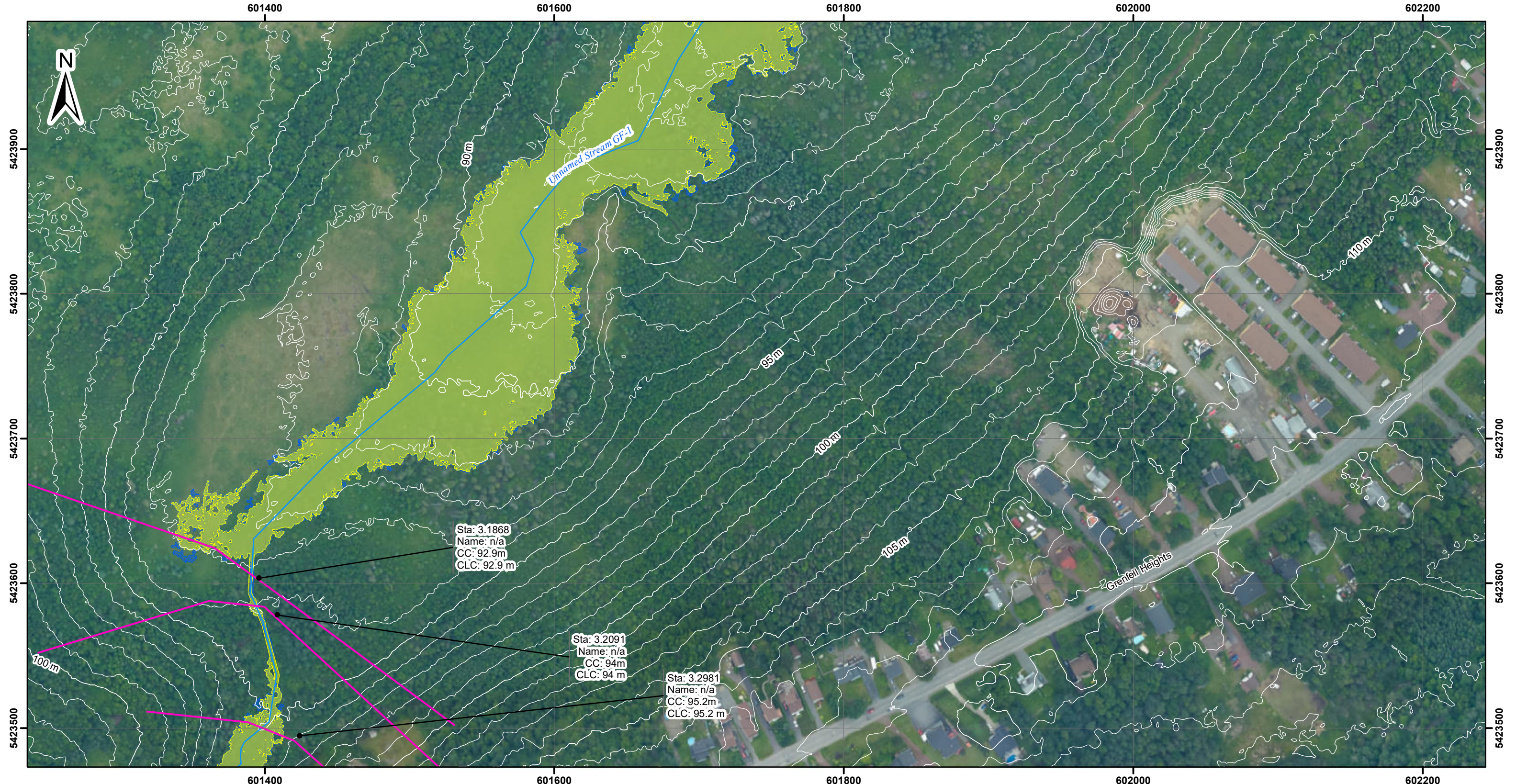
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MAP SET #12	
1:100 AEP FLOOD EXTENT MAP	
CURRENT CLIMATE AND CLIMATE CHANGE	
DETAIL MAP	
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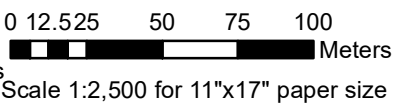


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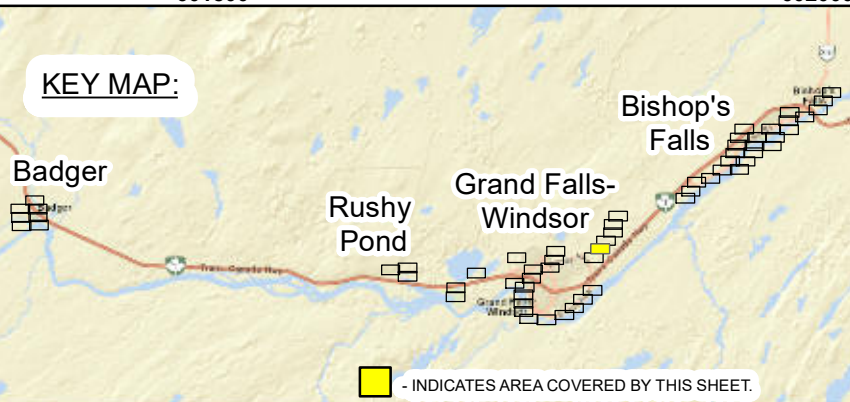
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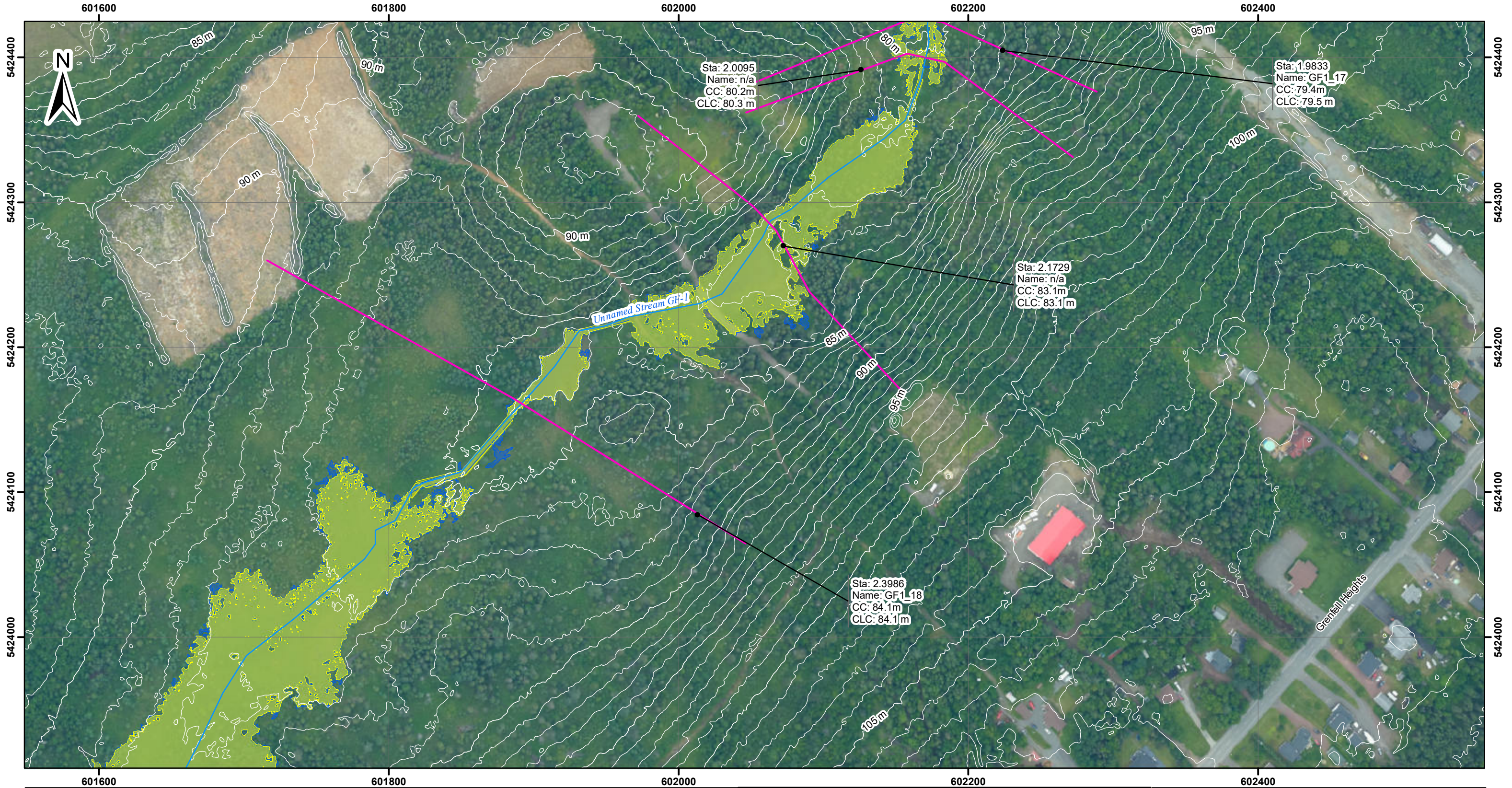
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CURRENT CLIMATE AND CLIMATE CHANGE	
DETAIL MAP	
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Legend

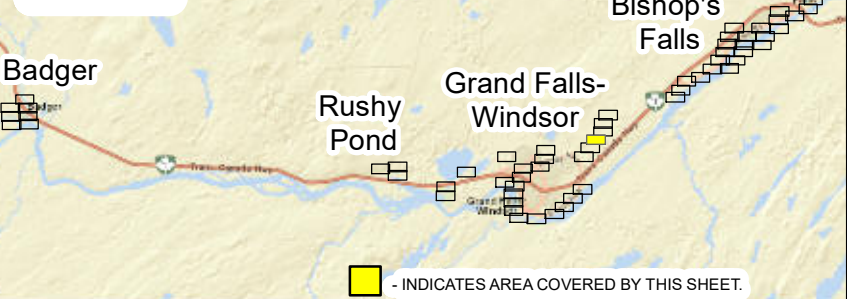
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

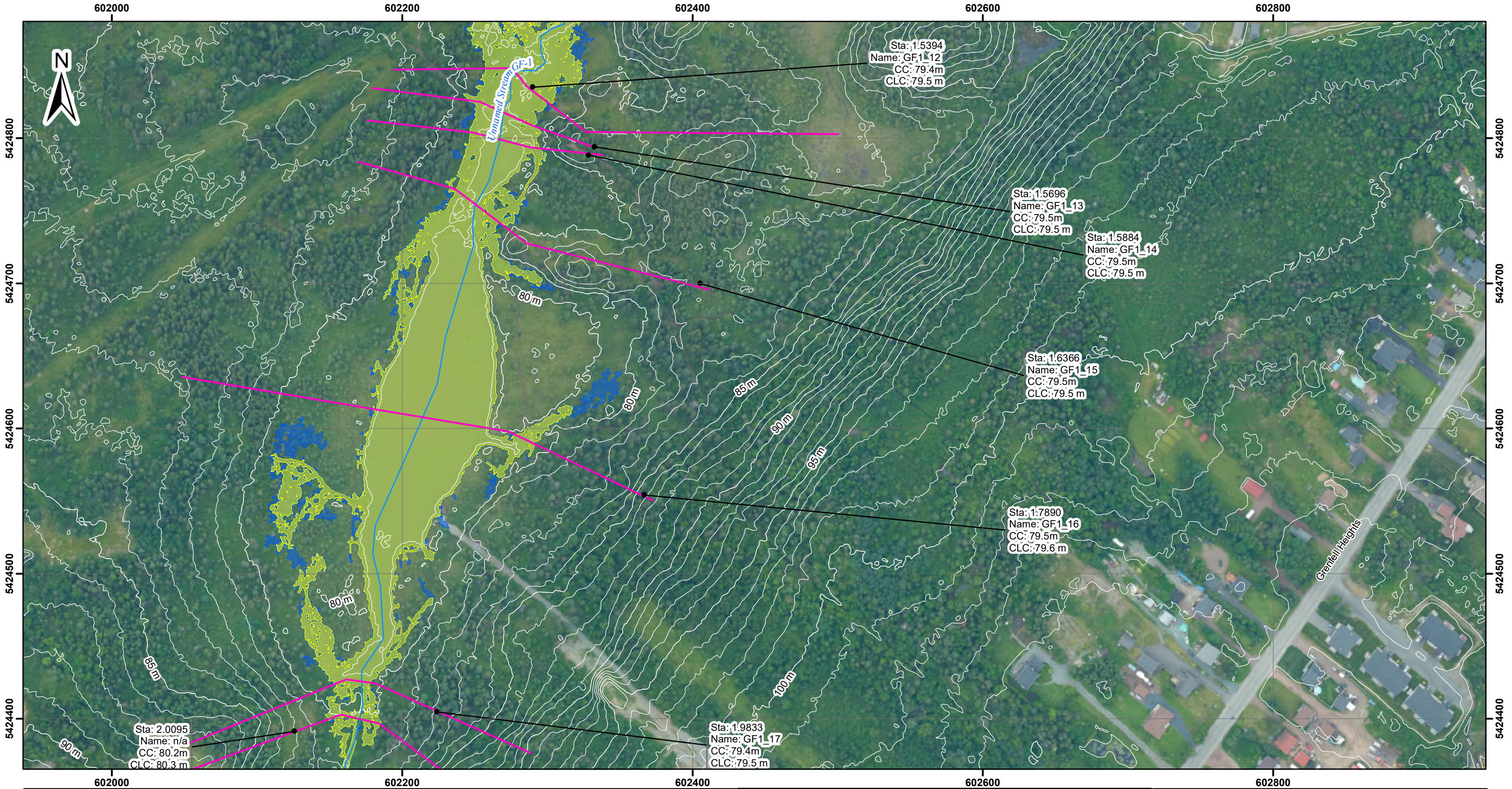
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

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Legend

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- Cross Sections

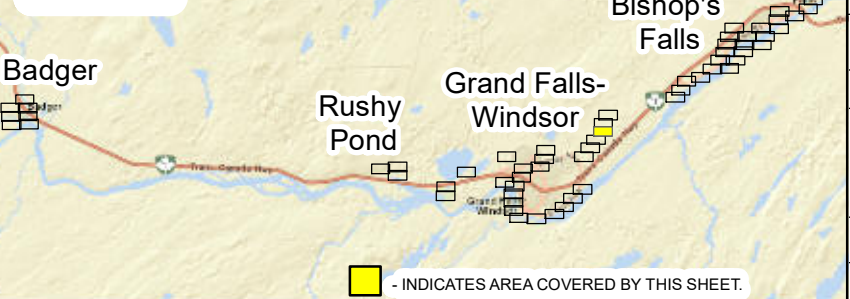
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WATER RESOURCES MANAGEMENT DIVISION

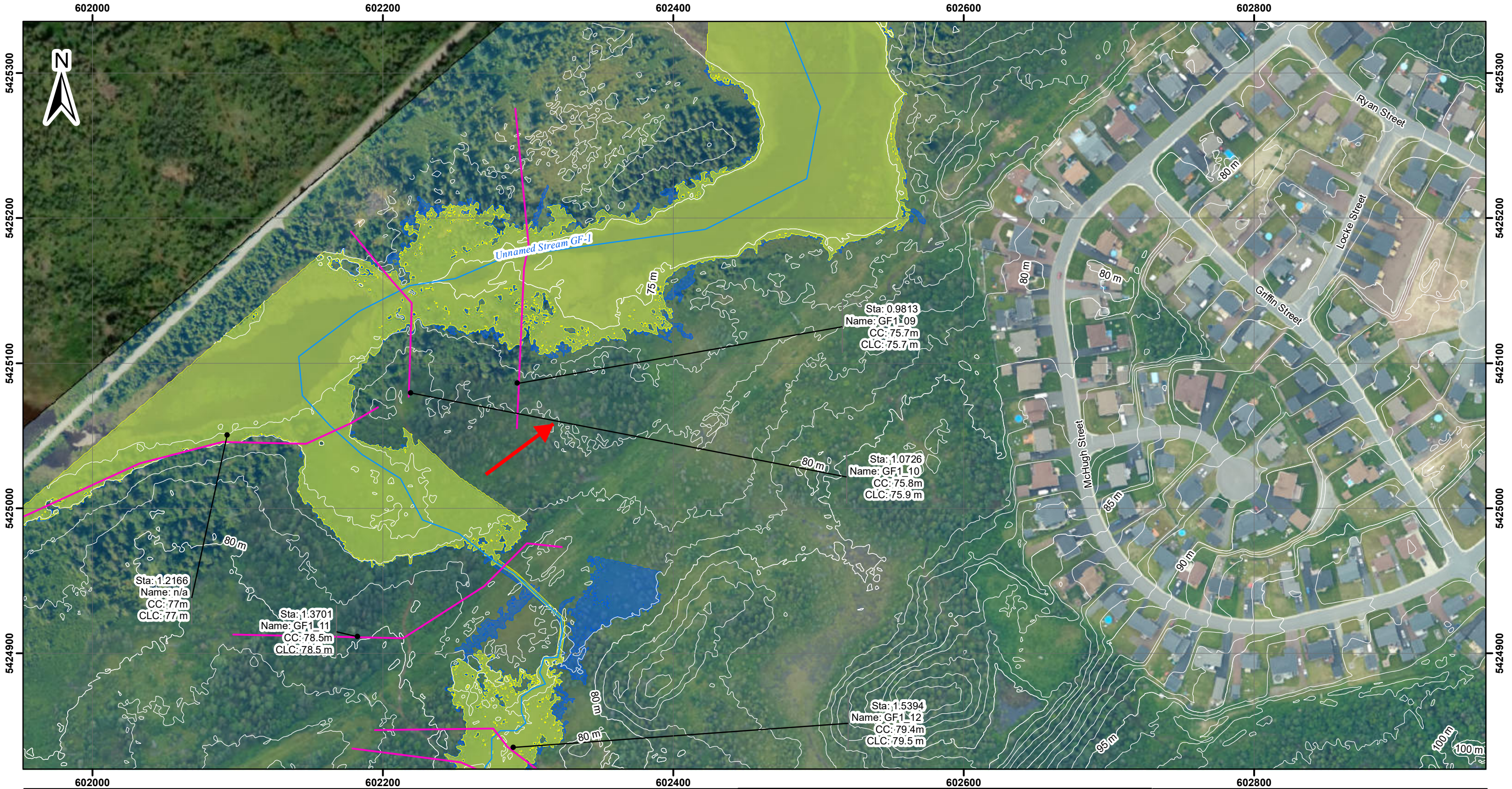
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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

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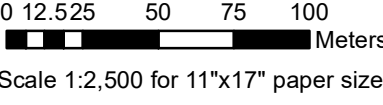
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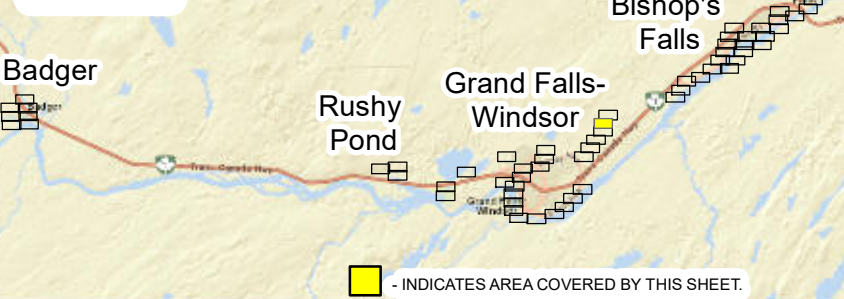
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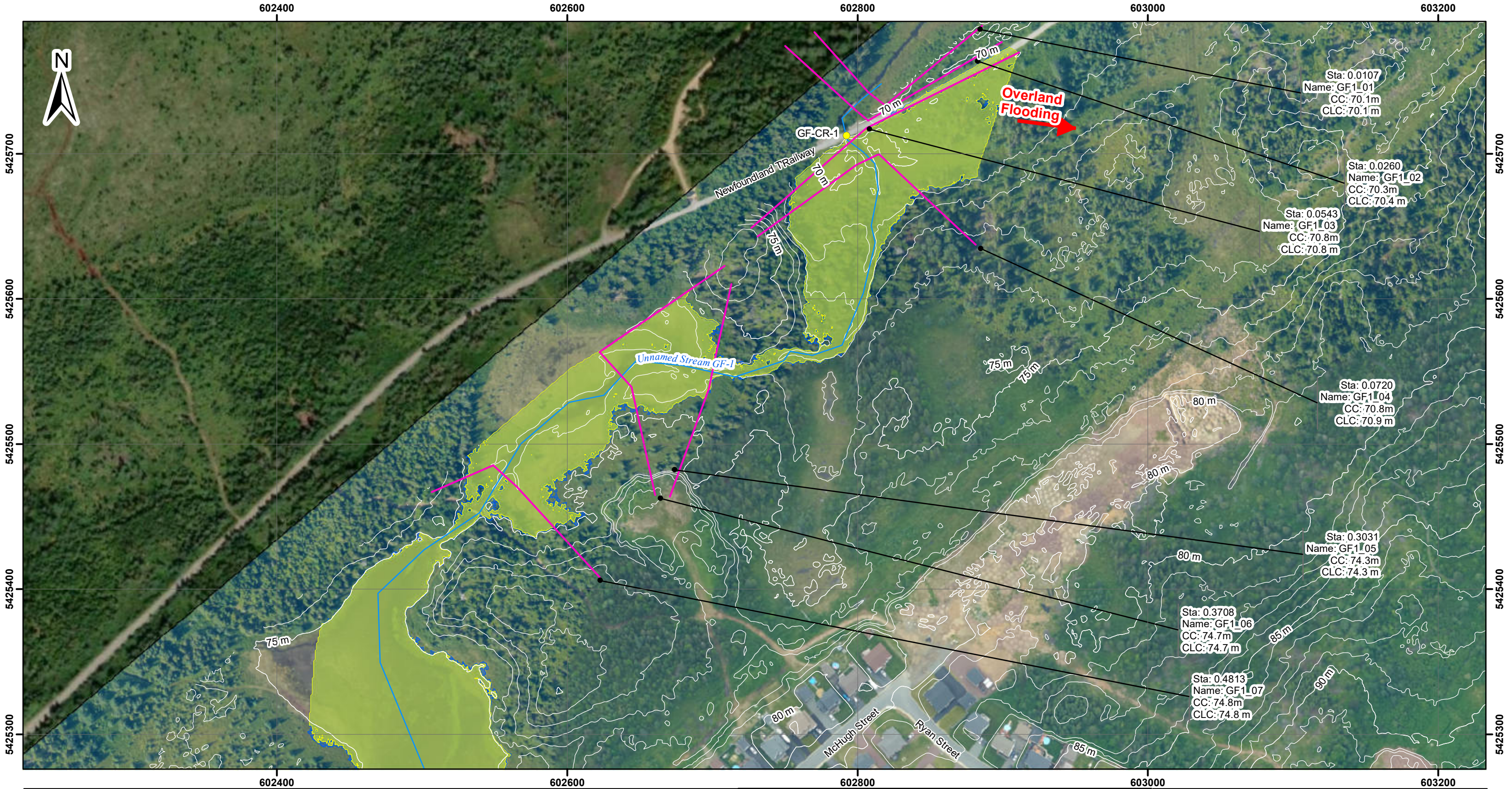
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
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DETAIL MAP

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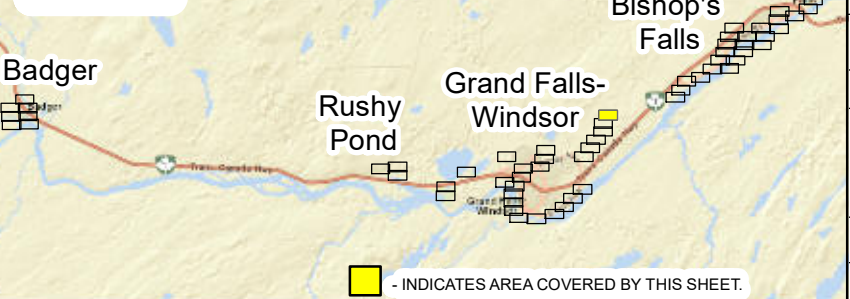
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WATER RESOURCES MANAGEMENT DIVISION

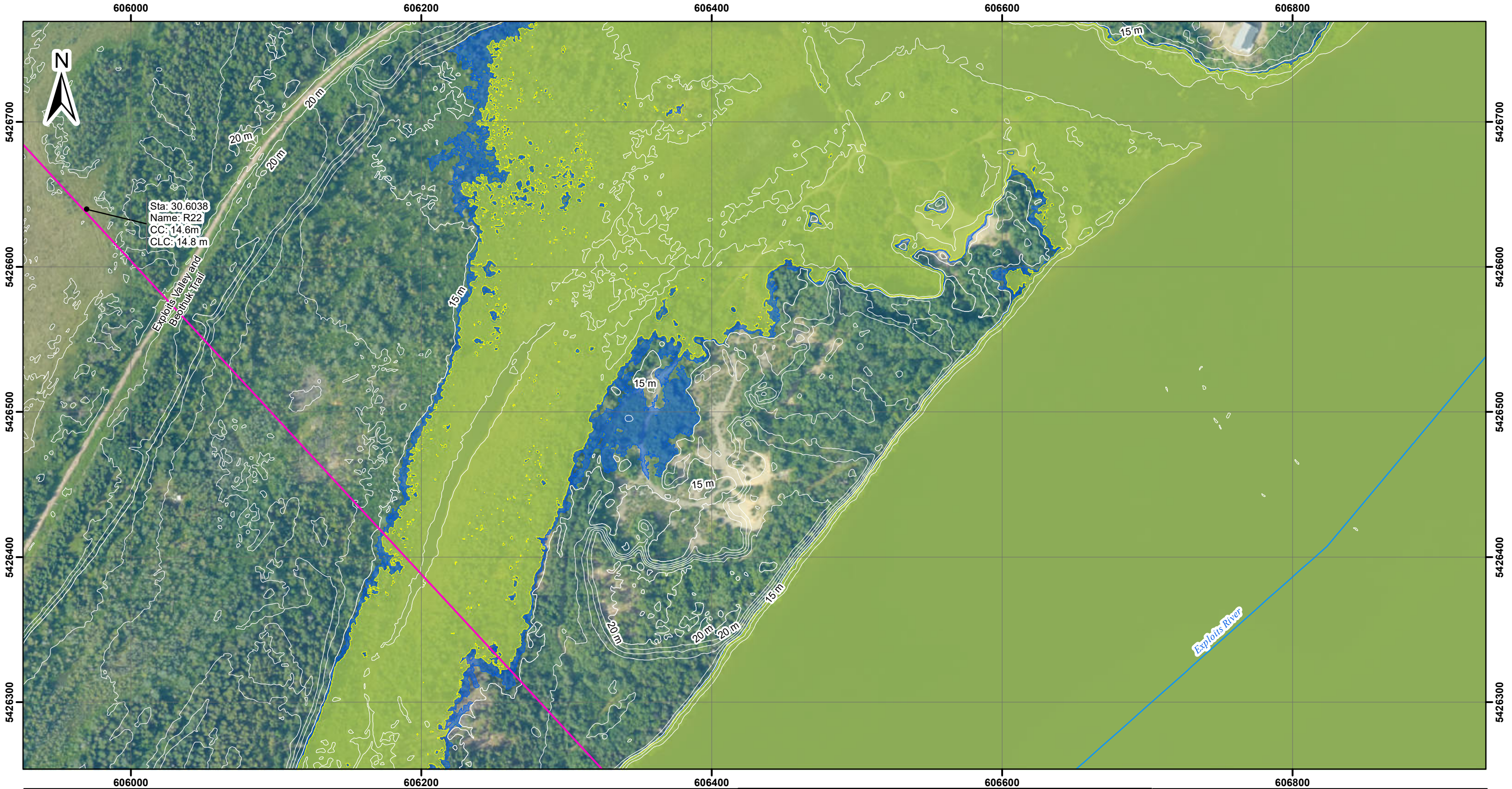
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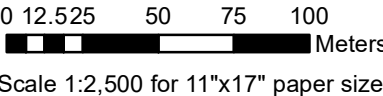


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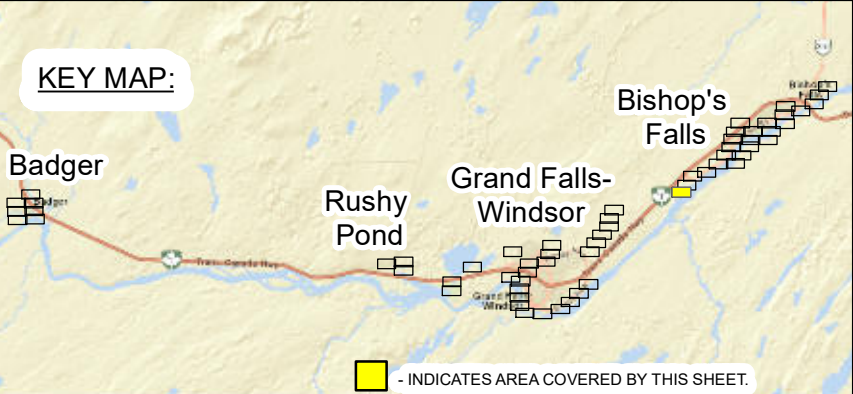
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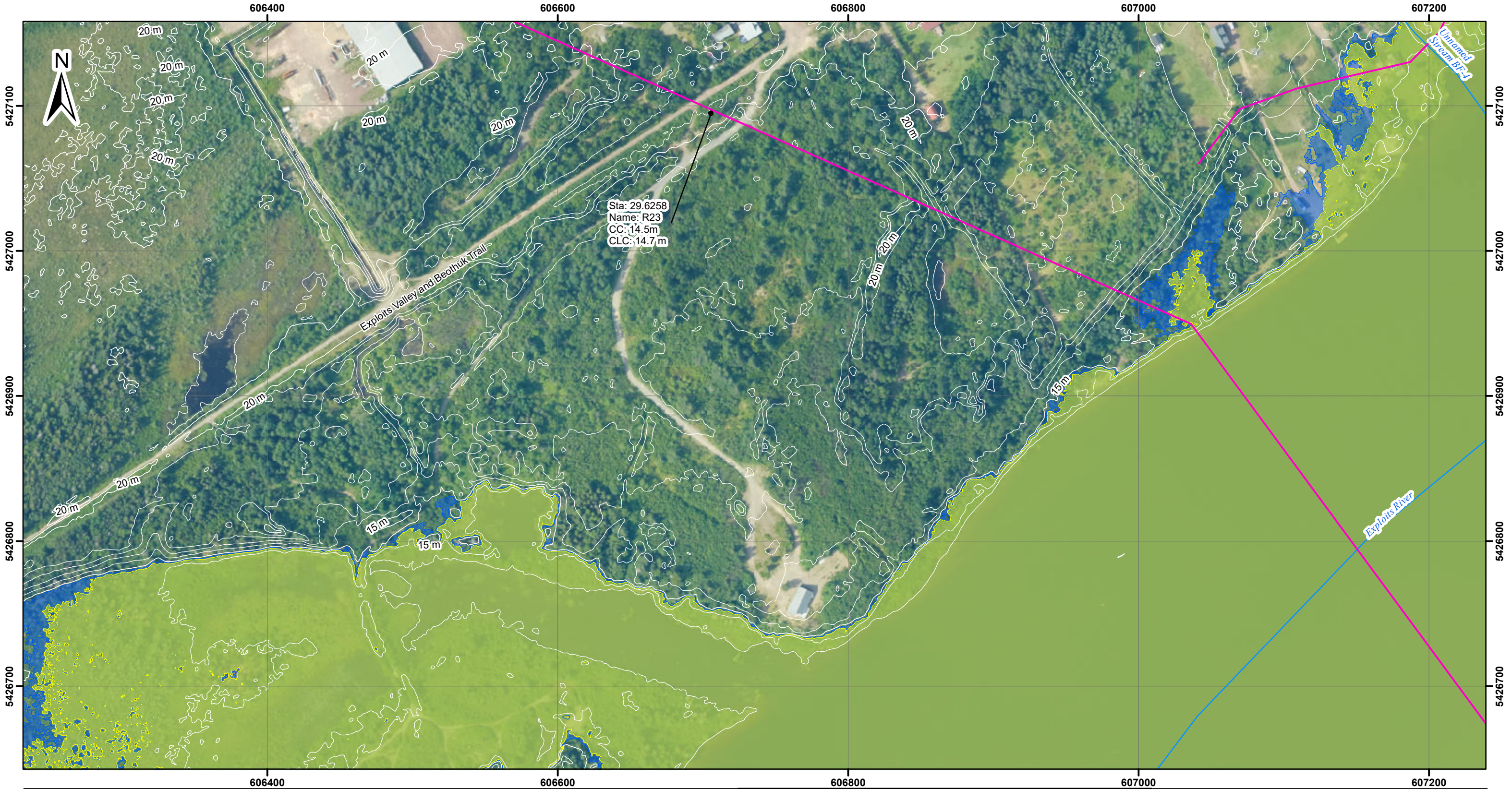
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

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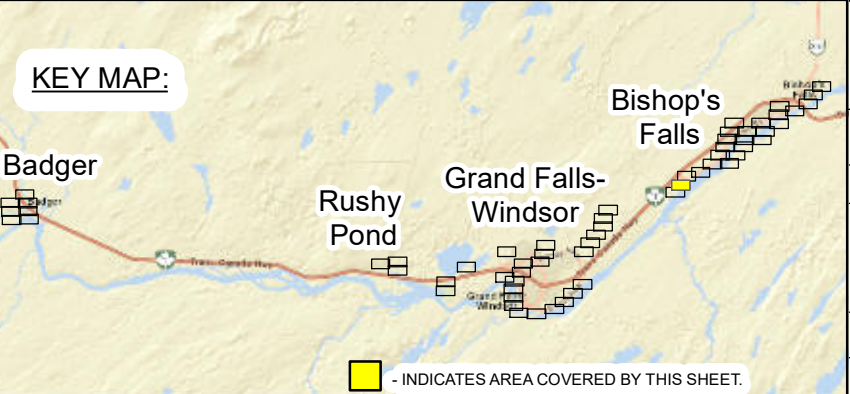
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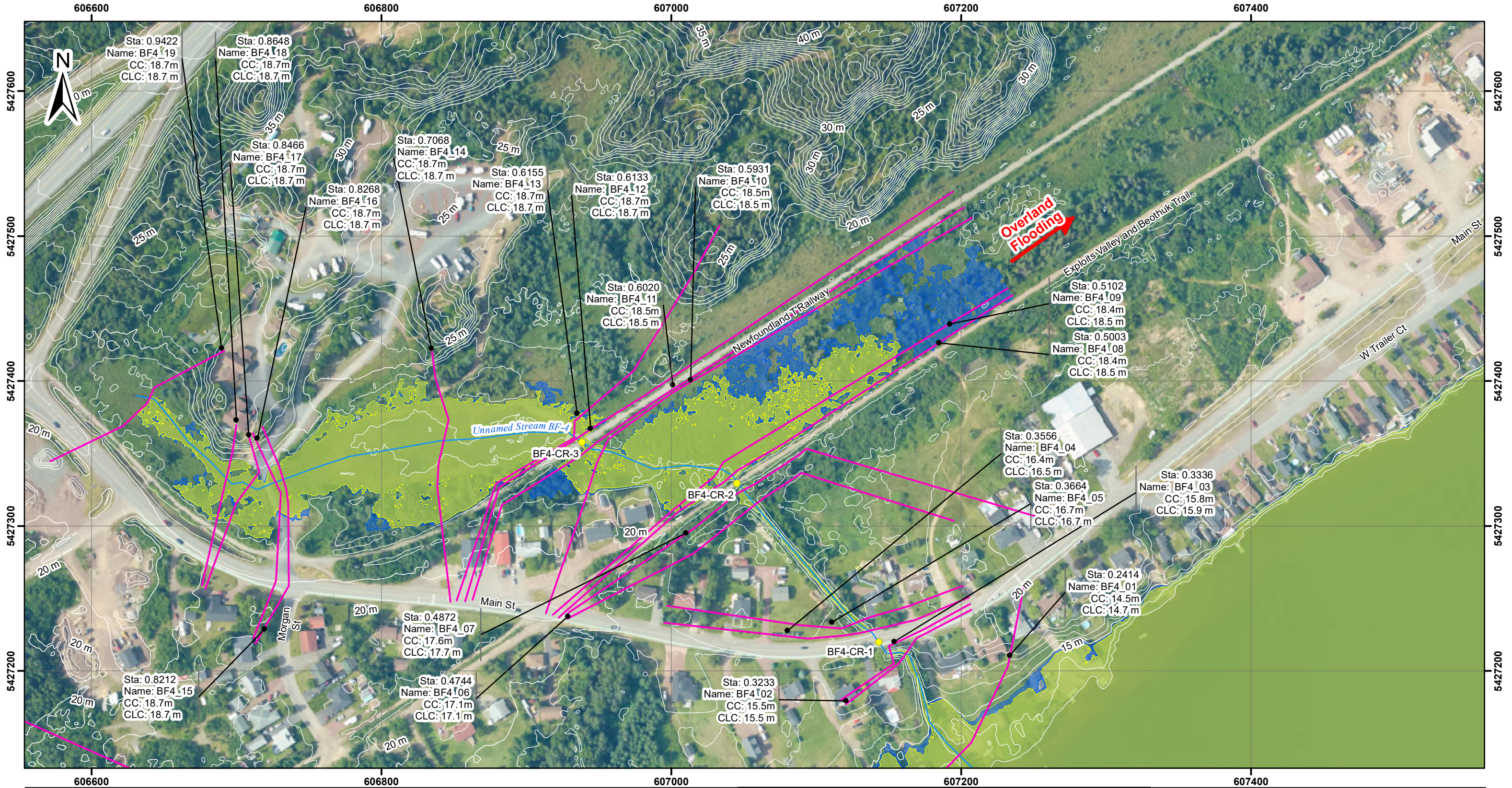
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DATE: 05/17/2021

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Legend

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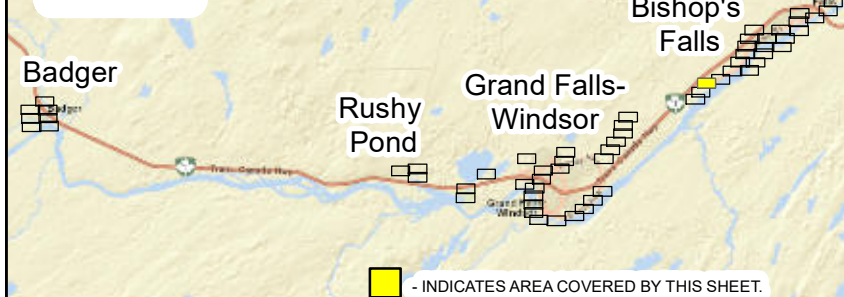
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Cross Sections

KEY MAP:



HATCH

Newfoundland
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WATER RESOURCES MANAGEMENT DIVISION

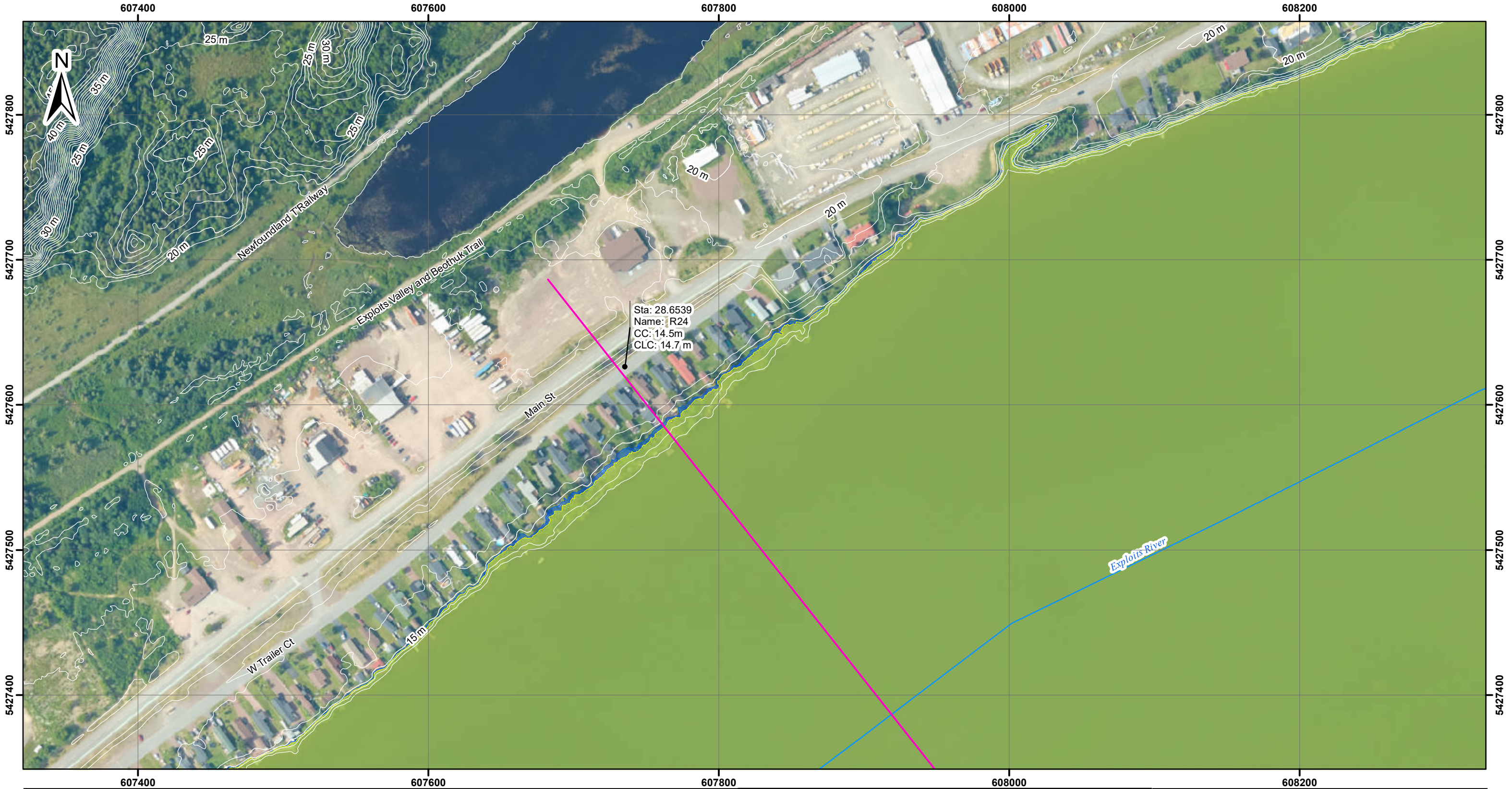
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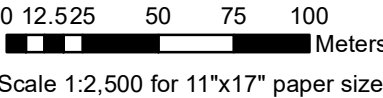


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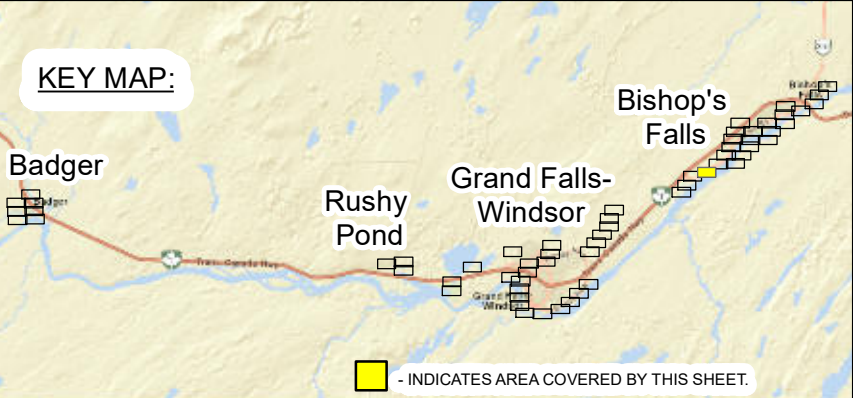
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WATER RESOURCES MANAGEMENT DIVISION

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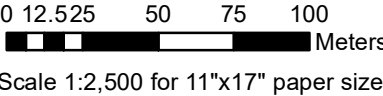


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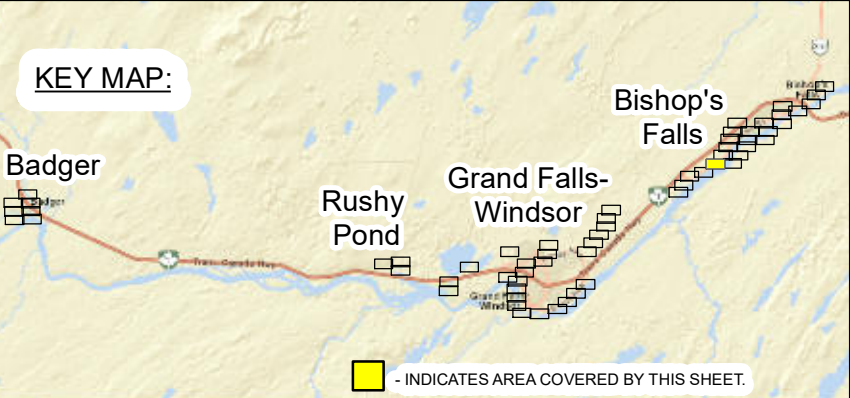
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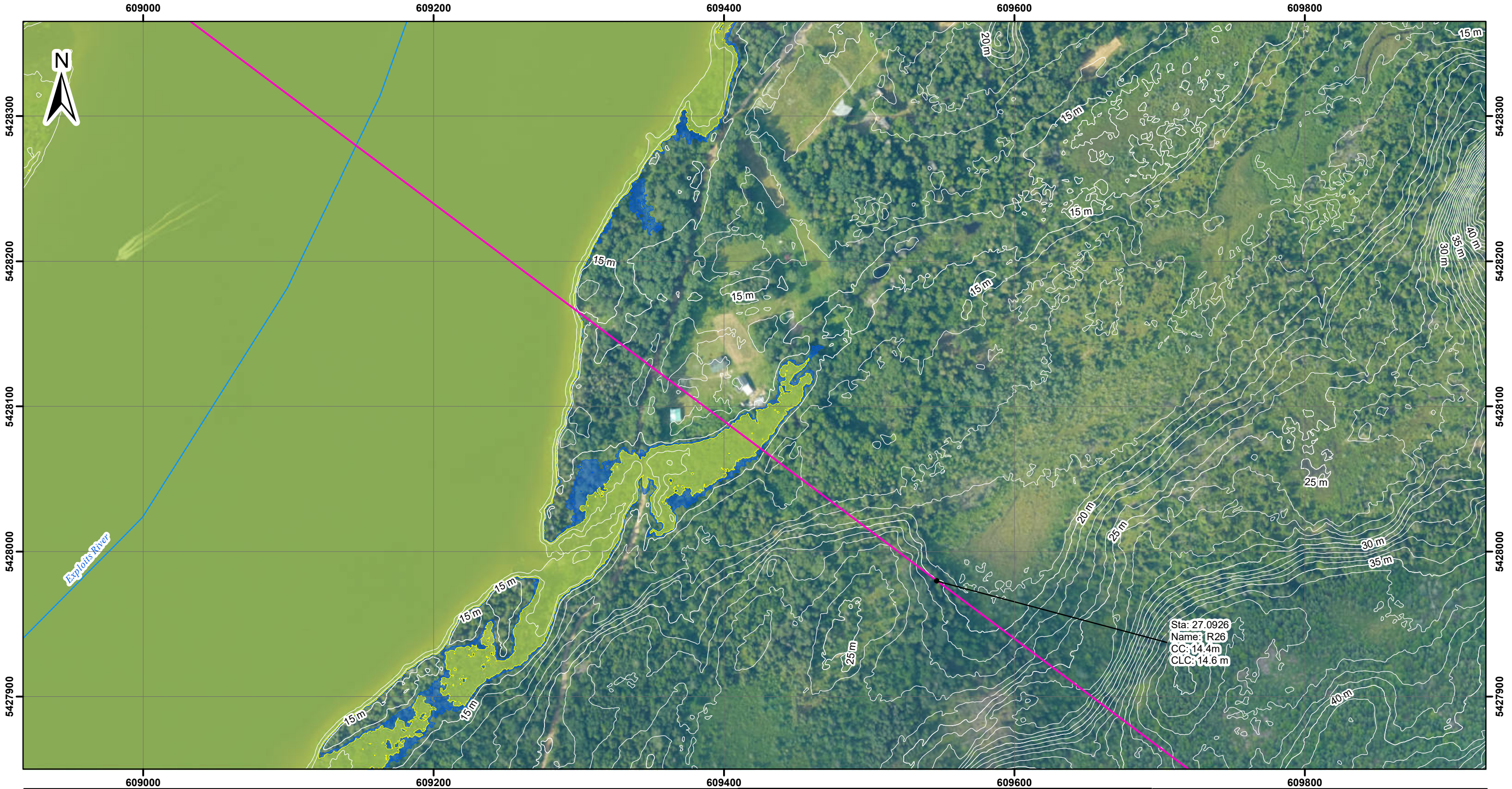
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566



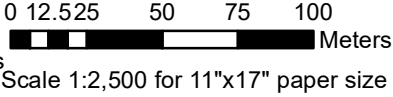
Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding

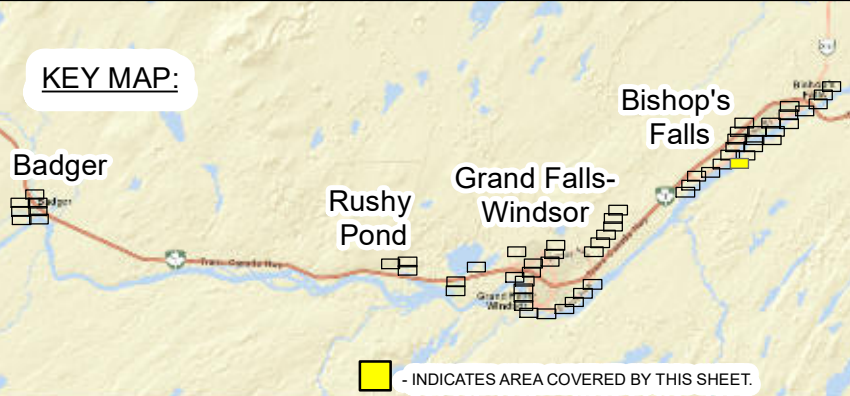
NOTES:

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Sta: Station
Name: Survey ID (n/a if not surveyed)
CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

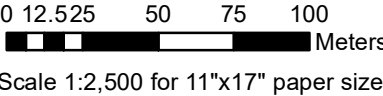


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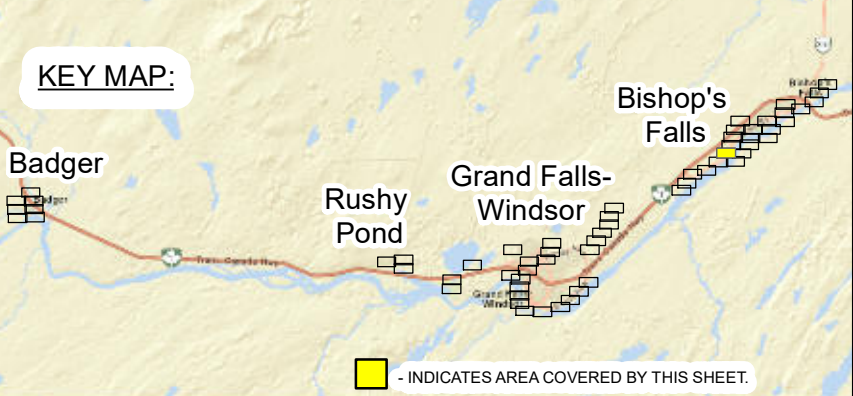
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- 1:100 AEP Flood Zone Climate Change
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- Culvert
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KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

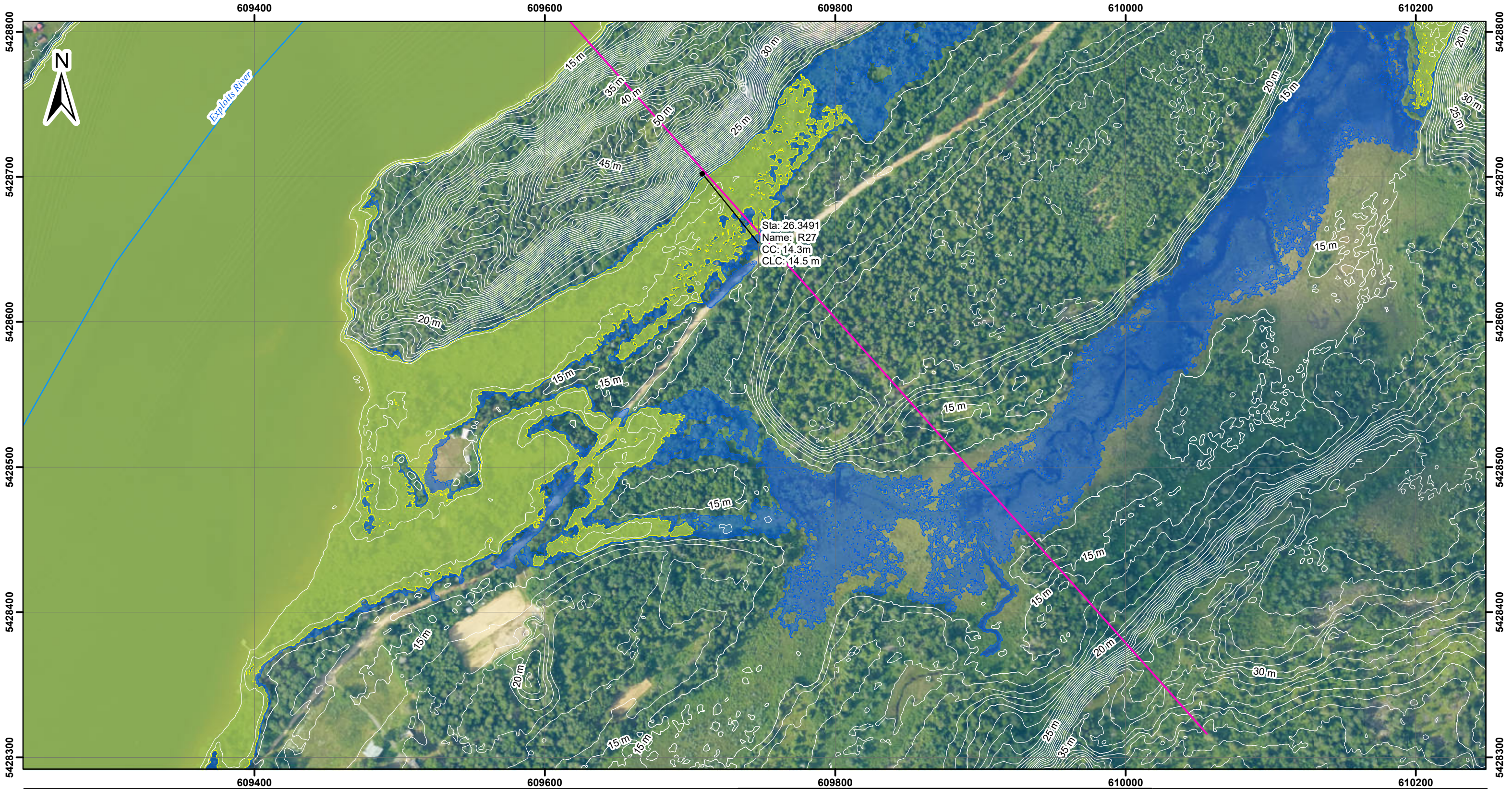
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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Legend

- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Overland Flooding
- Bridge
- Culvert
- Hydrometric Station

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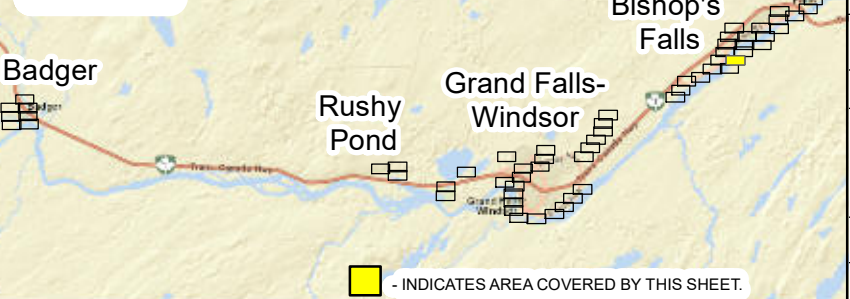
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Cross Sections

0 12.525 50 75 100
Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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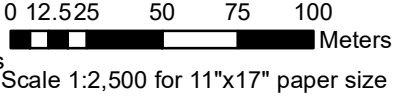


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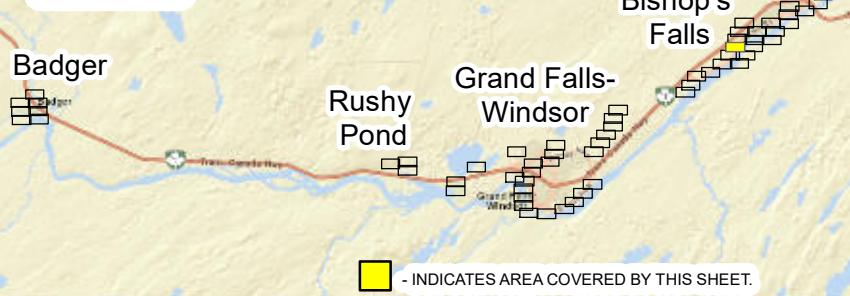
- 1:100 AEP Flood Zone Current Climate
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

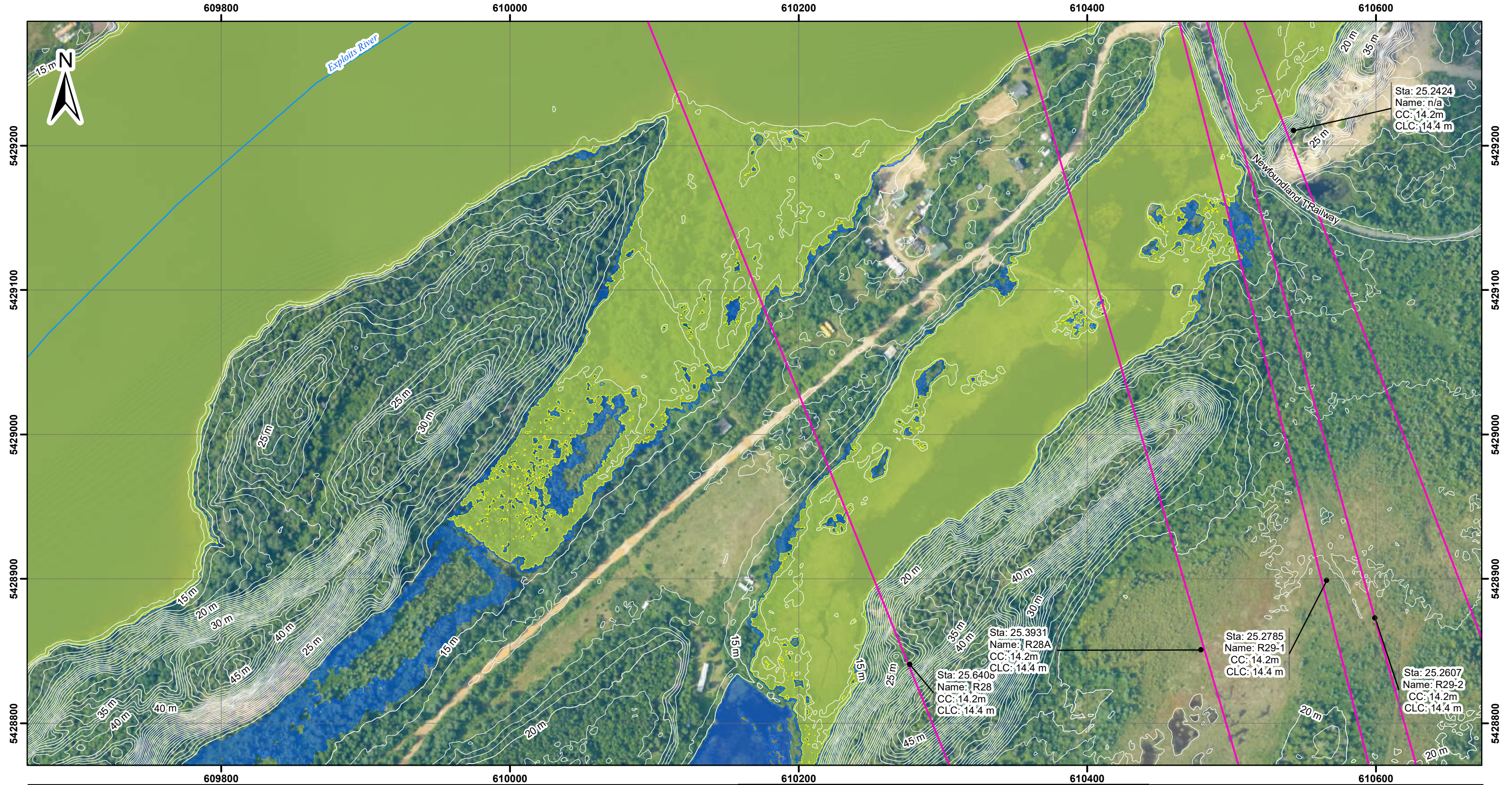
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

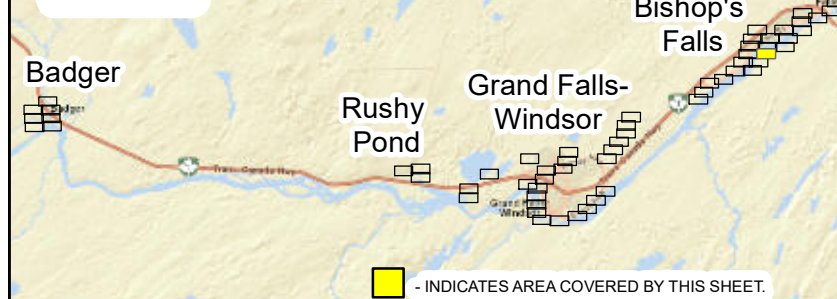
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

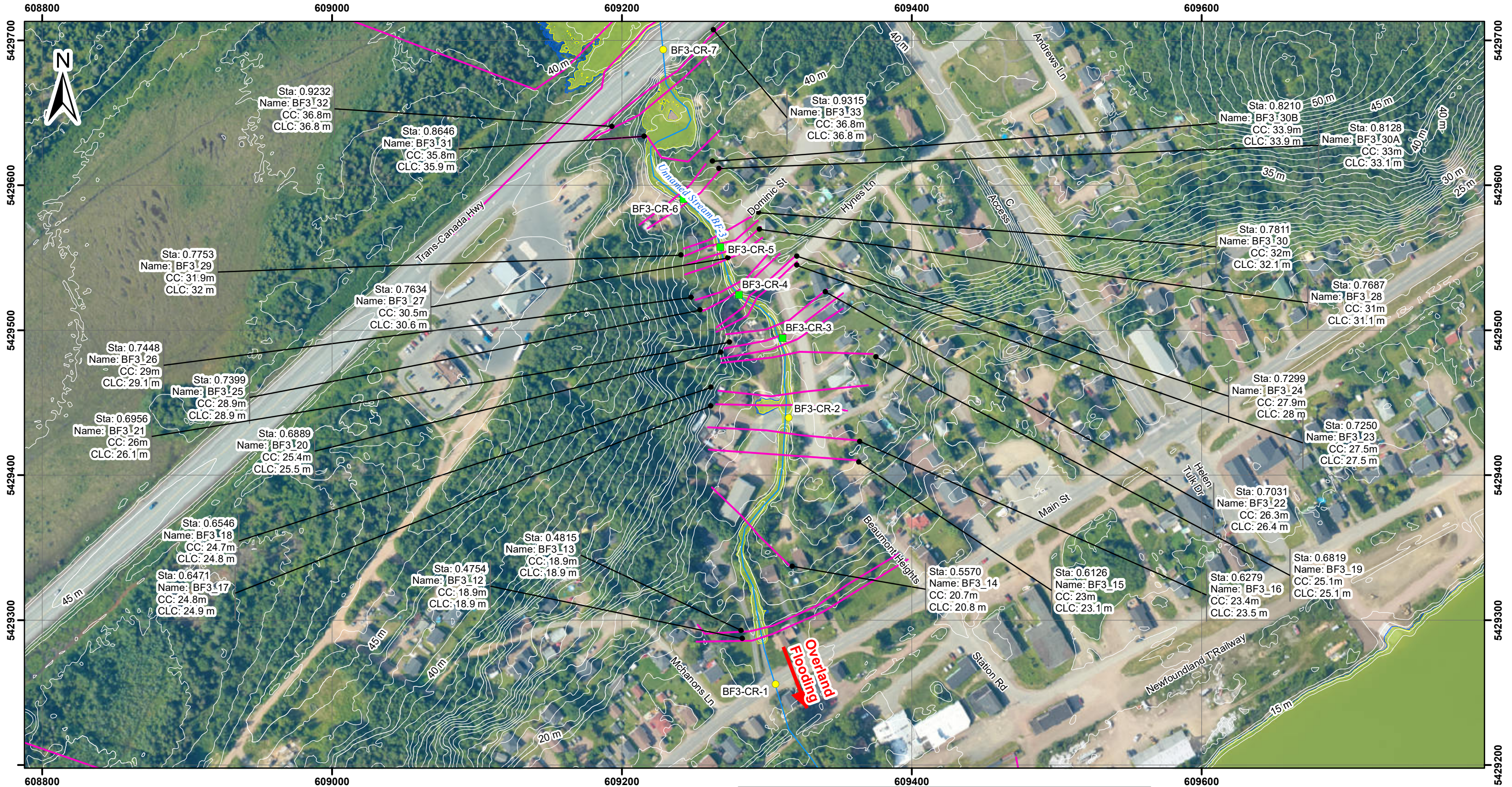
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

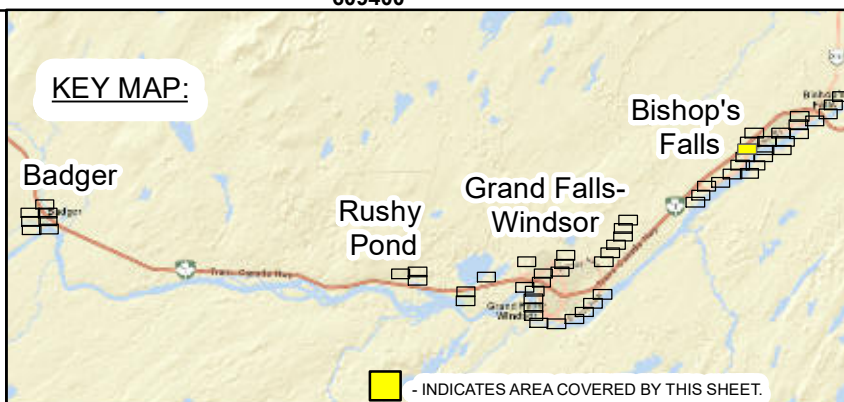
- 1:100 AEP Flood Zone Current Climate
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH
Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021
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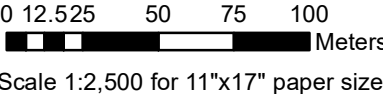


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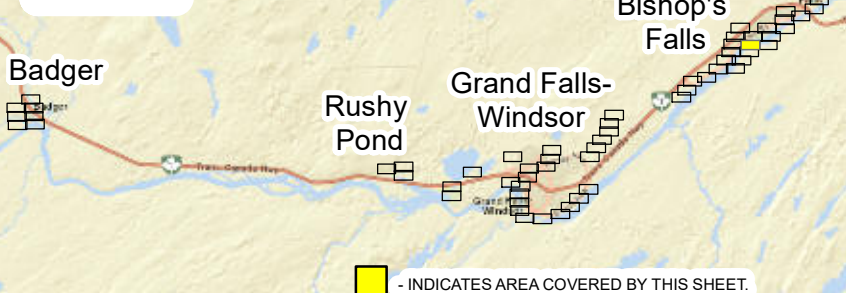
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- 1:100 AEP Flood Zone Climate Change
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

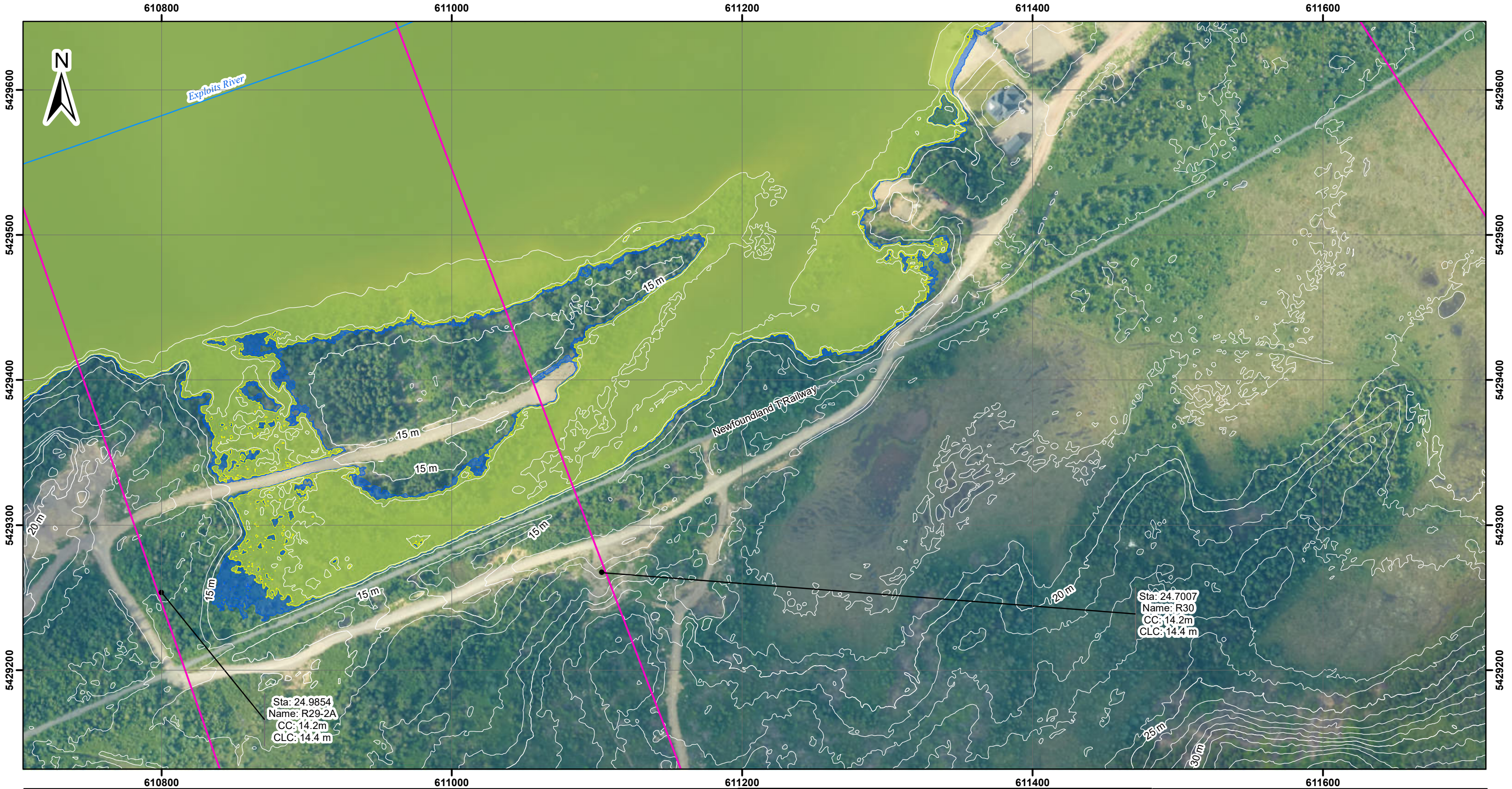
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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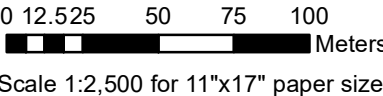


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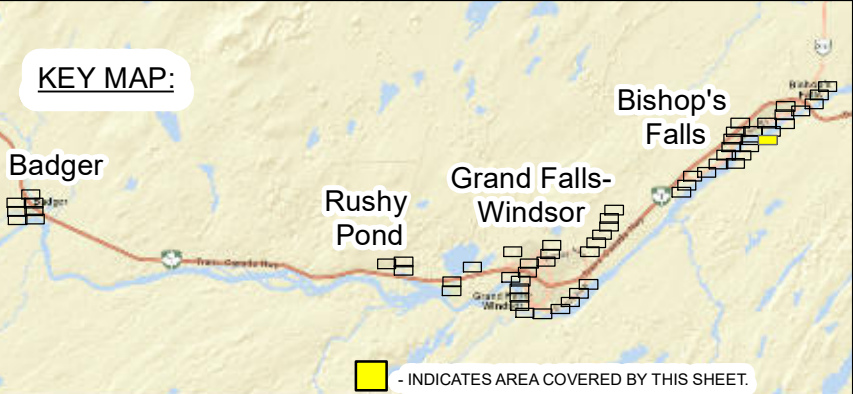
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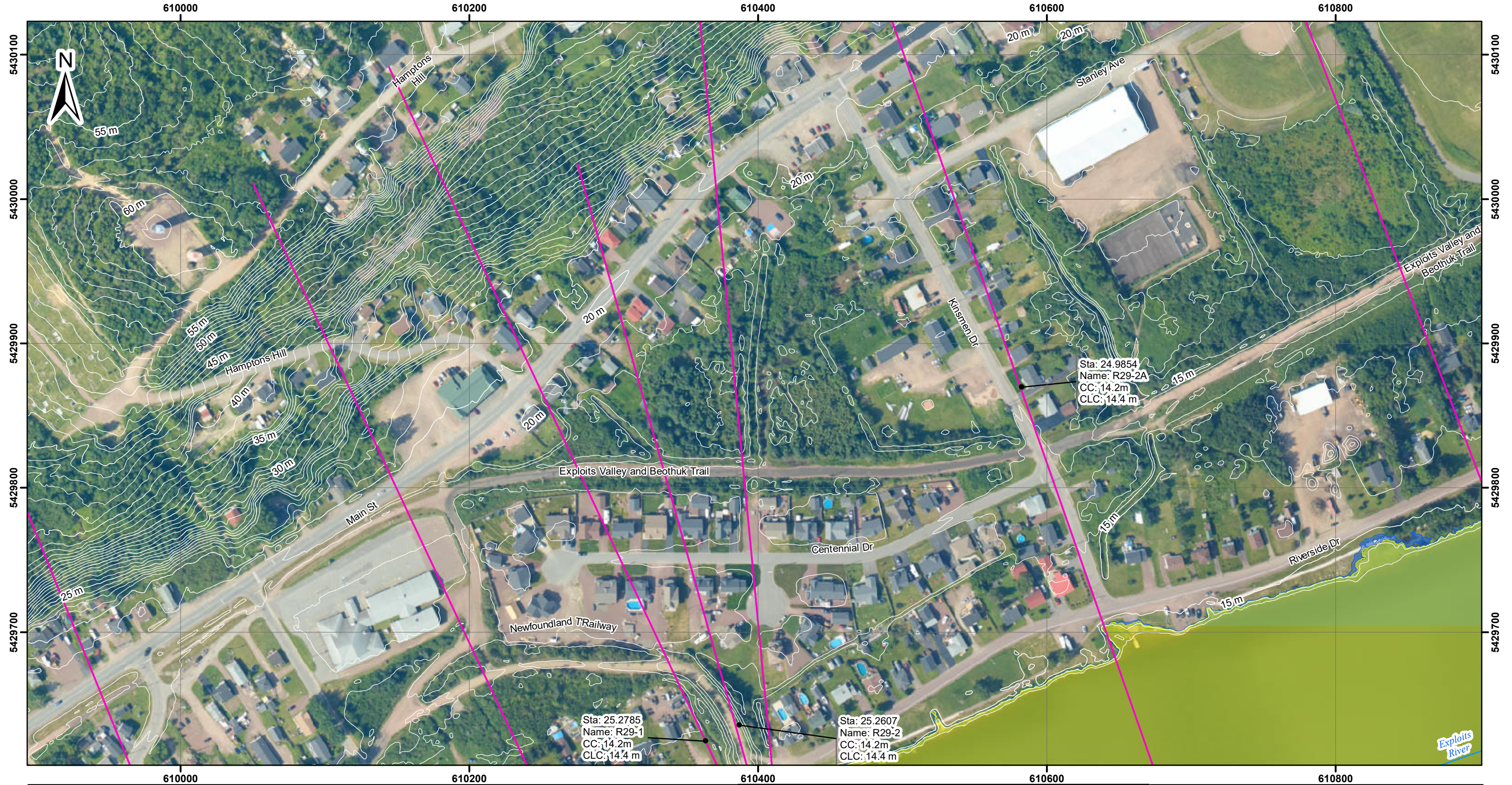
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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DETAIL MAP

DATE: 05/17/2021

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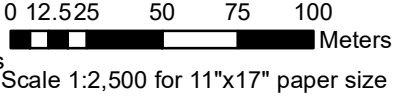


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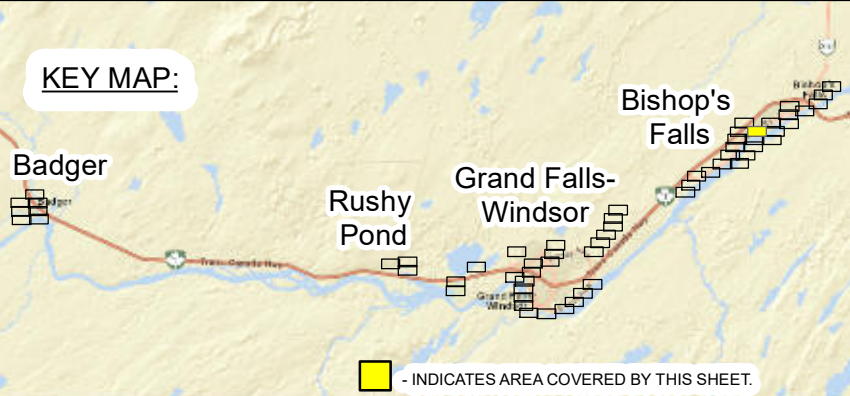
- 1:100 AEP Flood Zone Current Climate
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

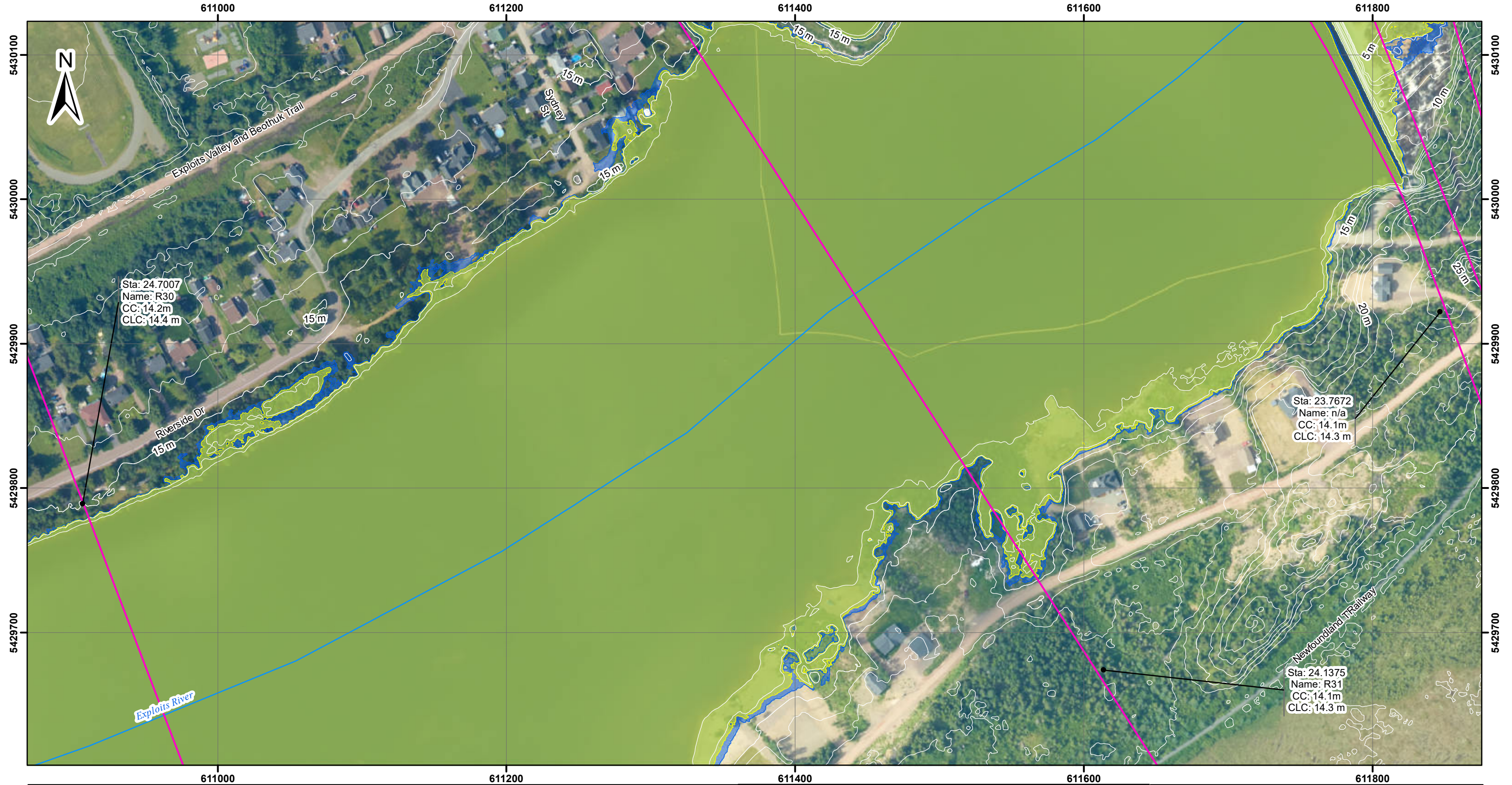
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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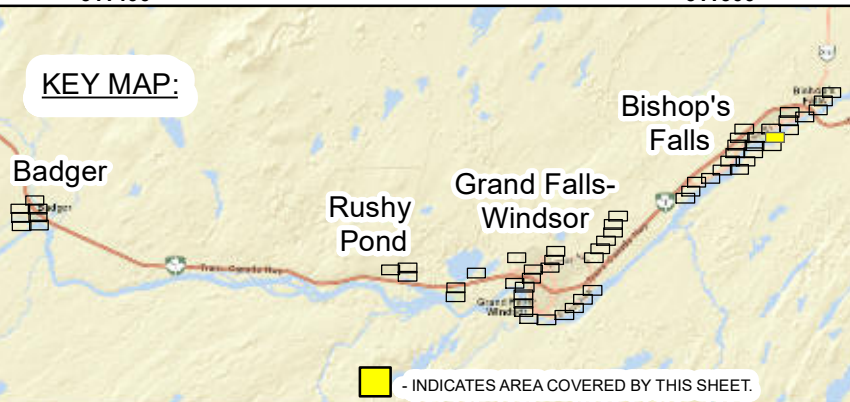
Legend

- 1:100 AEP Flood Zone Current Climate
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- 0 12.5 25 50 75 100 Meters
- Scale 1:2,500 for 11"x17" paper size
- Cross Sections

KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

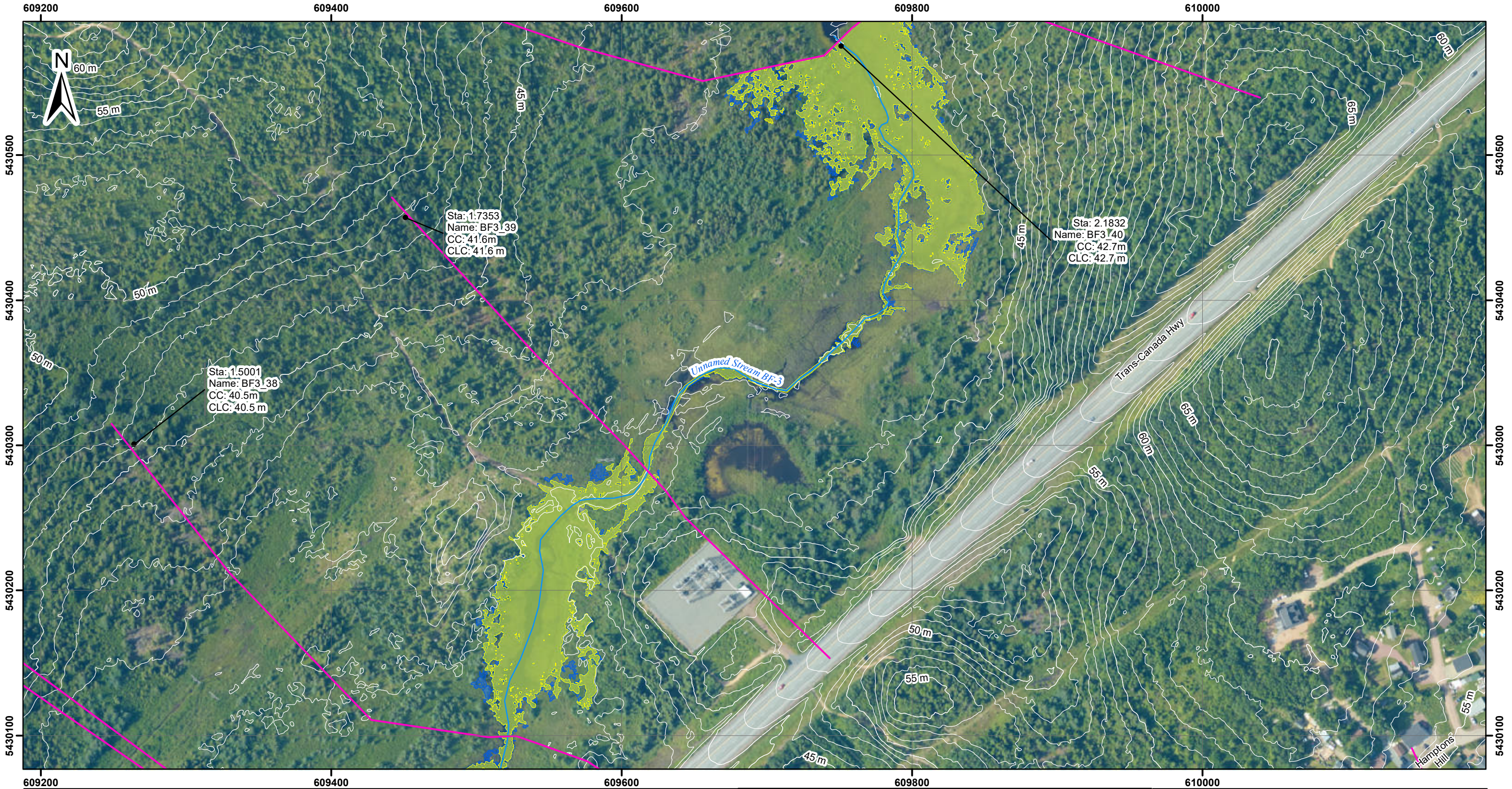
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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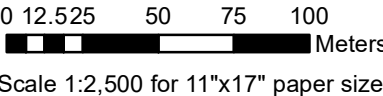


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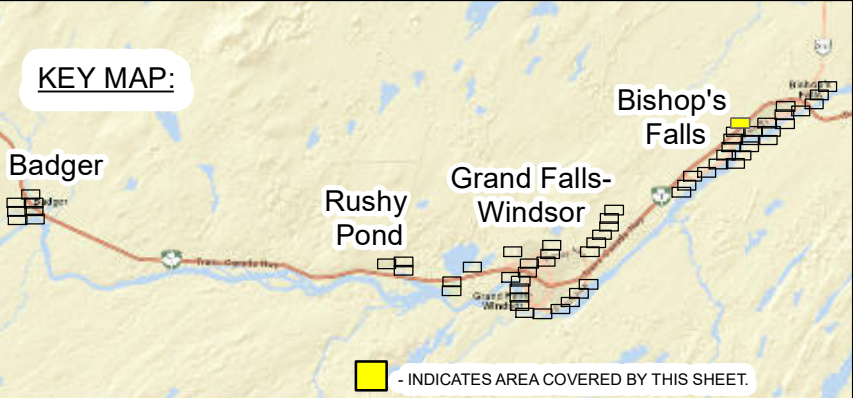
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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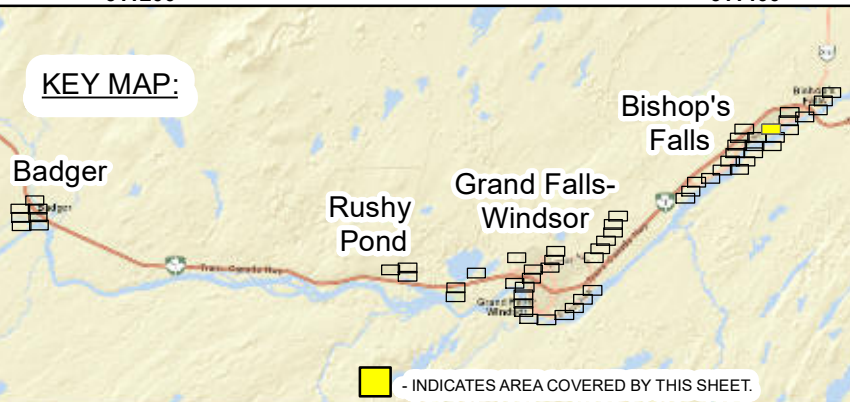
Legend

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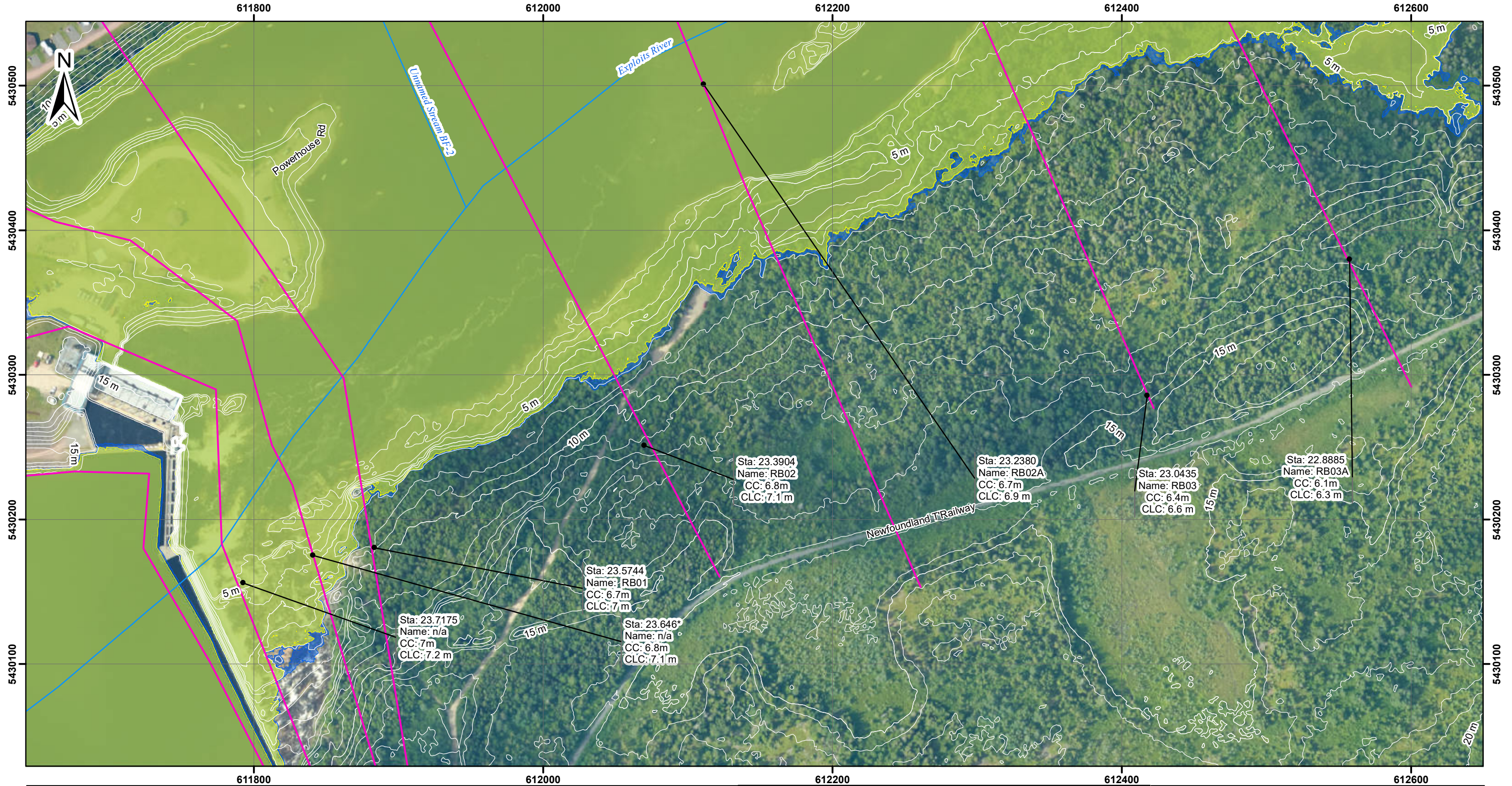
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- 0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION	
EXPLOITS RIVER FLOOD RISK MAPPING STUDY	
MAP SET #12 1:100 AEP FLOOD EXTENT MAP CURRENT CLIMATE AND CLIMATE CHANGE DETAIL MAP	
DATE: 05/17/2021	Page 54 of 61
PROJECT #: H-358566	

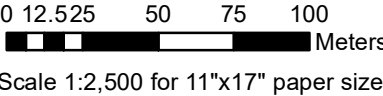


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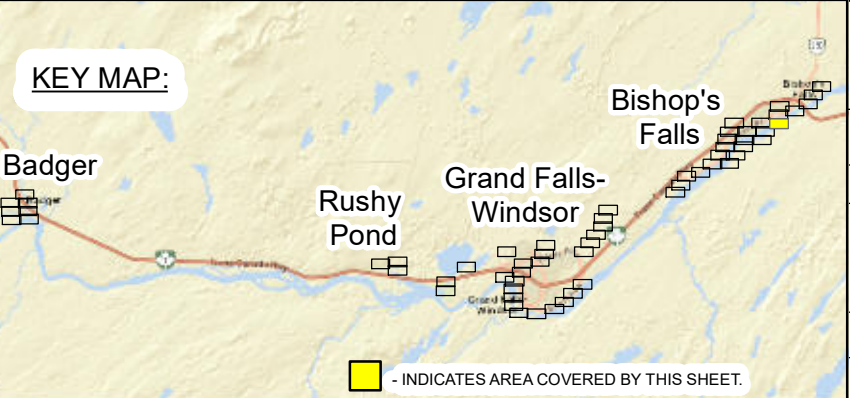
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KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

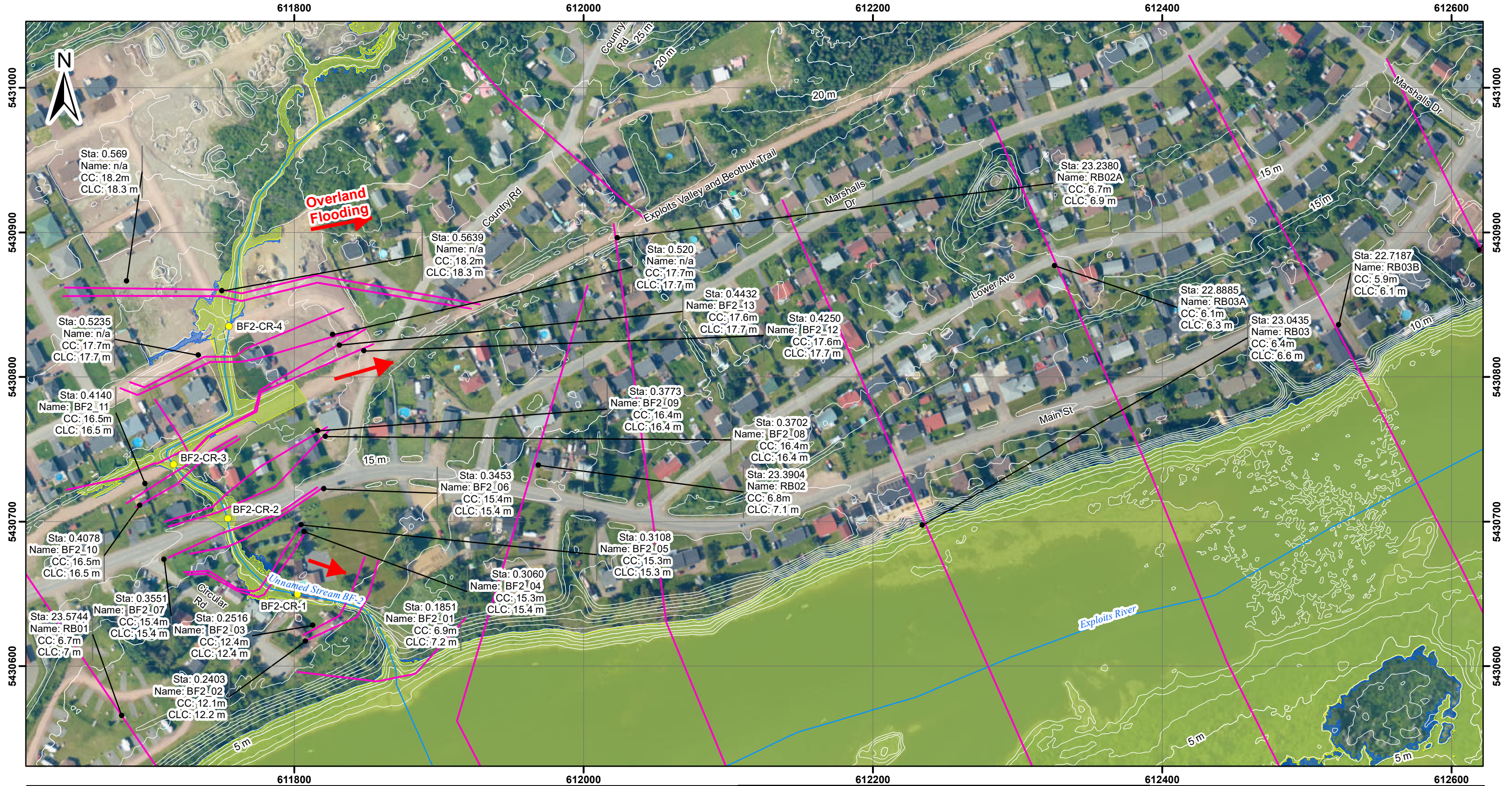
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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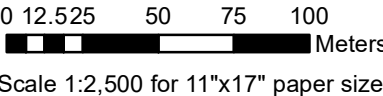


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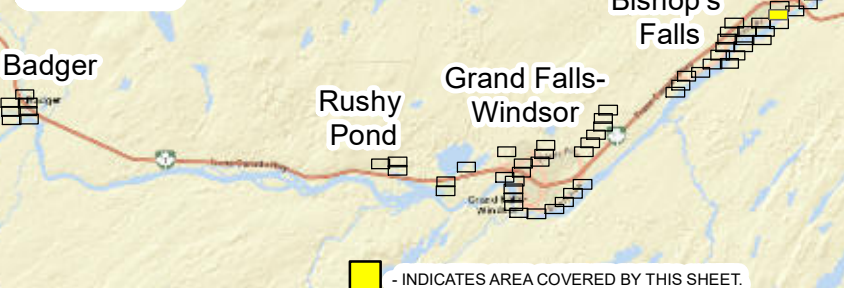
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KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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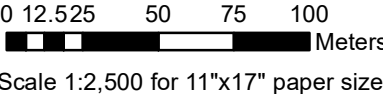


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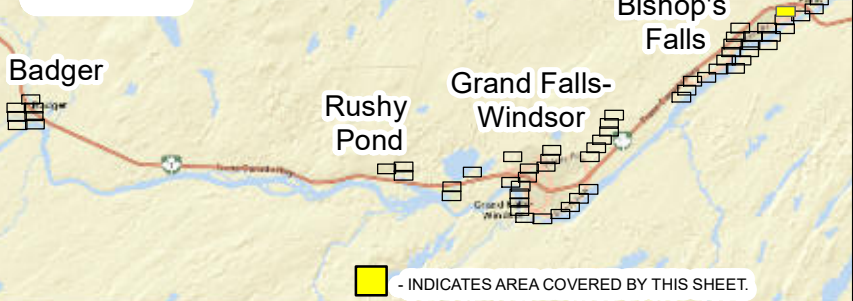
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KEY MAP:





WATER RESOURCES MANAGEMENT DIVISION

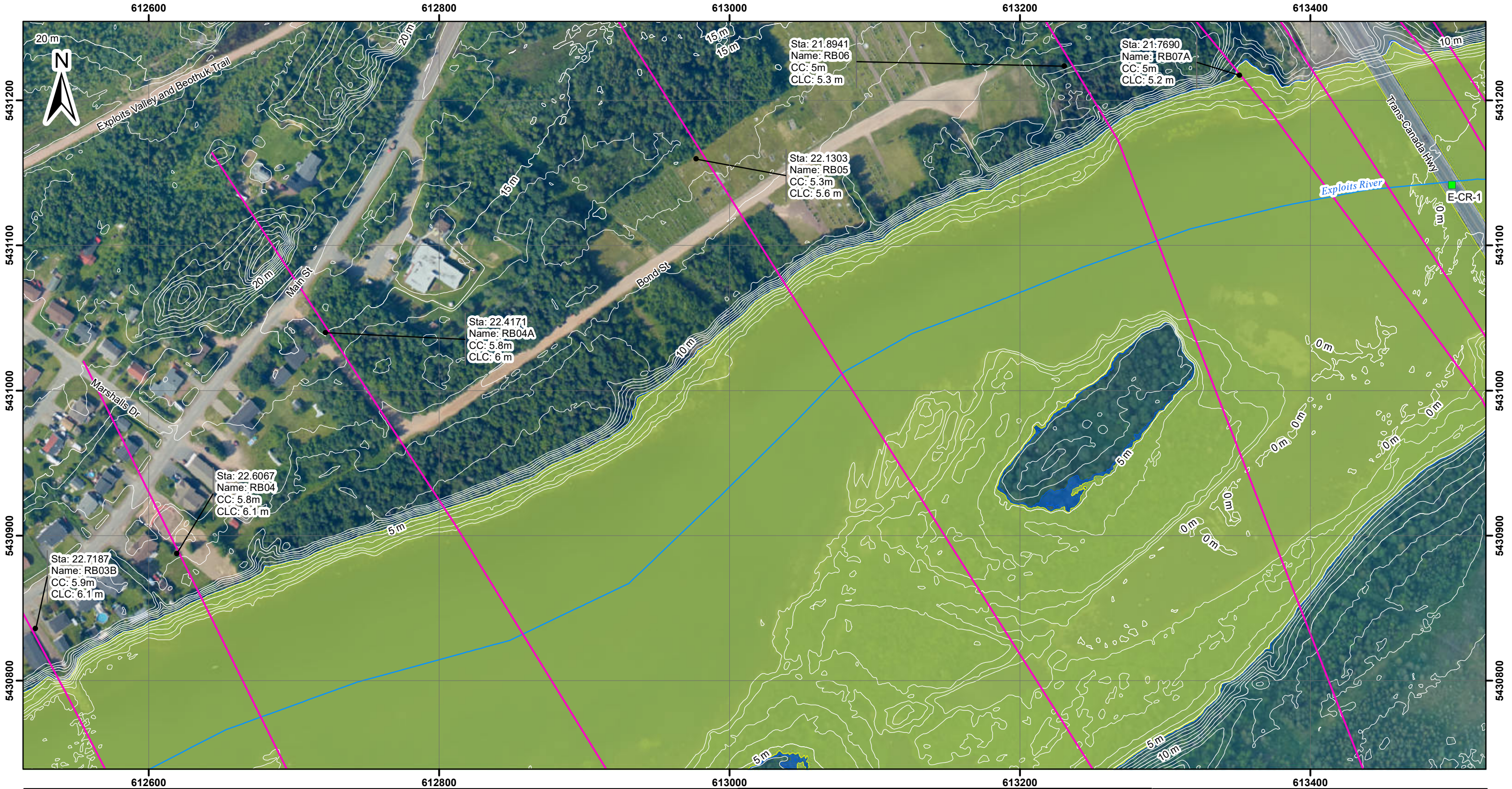
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
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CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

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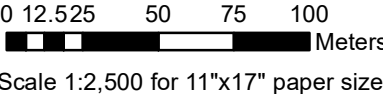


Legend

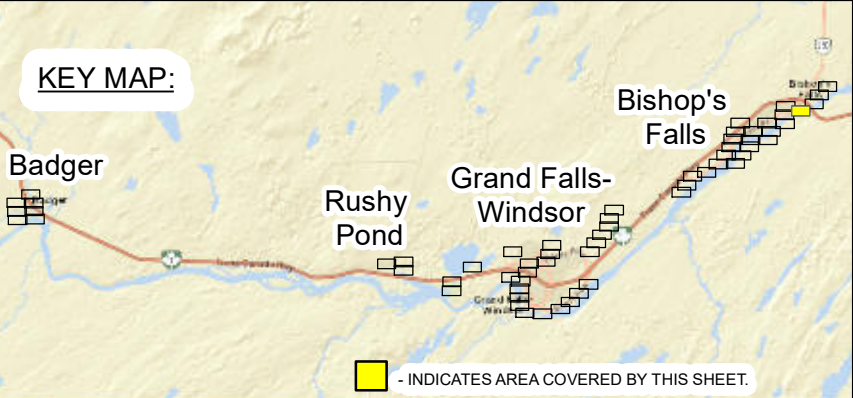
- 1:100 AEP Flood Zone Current Climate
- 1:100 AEP Flood Zone Climate Change
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Overland Flooding
- Sta: Station
Name: Survey ID (n/a if not surveyed)
CC: 1:100 Current Climate Water Surface El.
CLC: 1:100 Climate Change Water Surface El.

NOTES:

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- Lidar data by Leading Edge Geomatics Aug. 15-16, 2019.
- Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.
- Topographic map and world imagery outside project area by ESRI.



KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

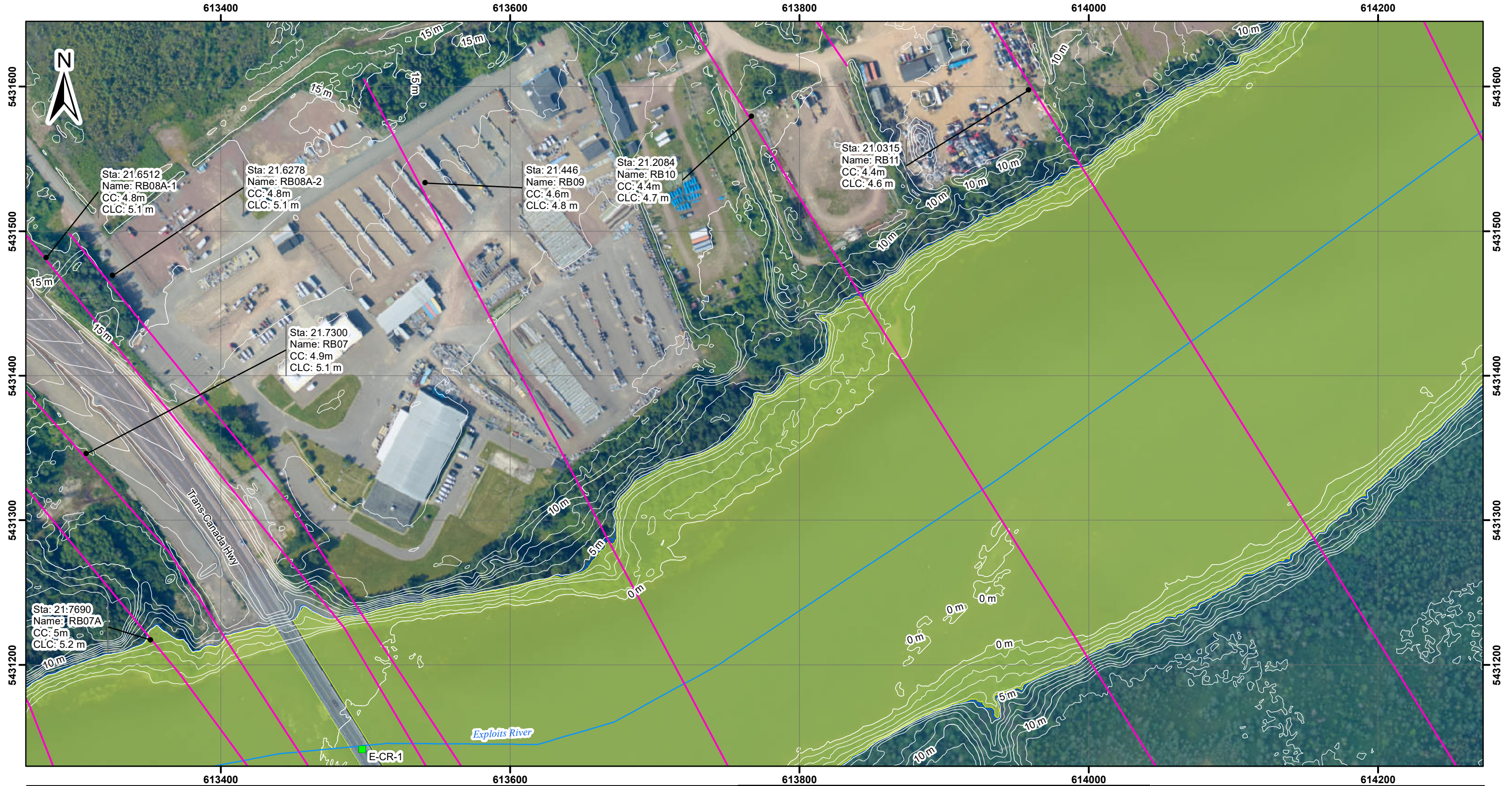
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12
1:100 AEP FLOOD EXTENT MAP
CURRENT CLIMATE AND CLIMATE CHANGE
DETAIL MAP

DATE: 05/17/2021

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Legend

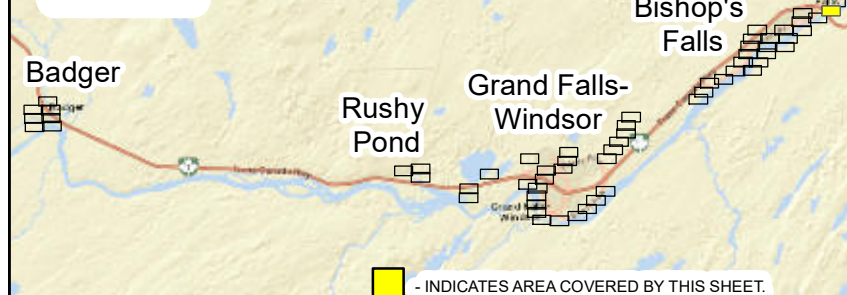
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0 12.525 50 75 100 Meters
Scale 1:2,500 for 11"x17" paper size

KEY MAP:



HATCH

Newfoundland
Labrador

WATER RESOURCES MANAGEMENT DIVISION

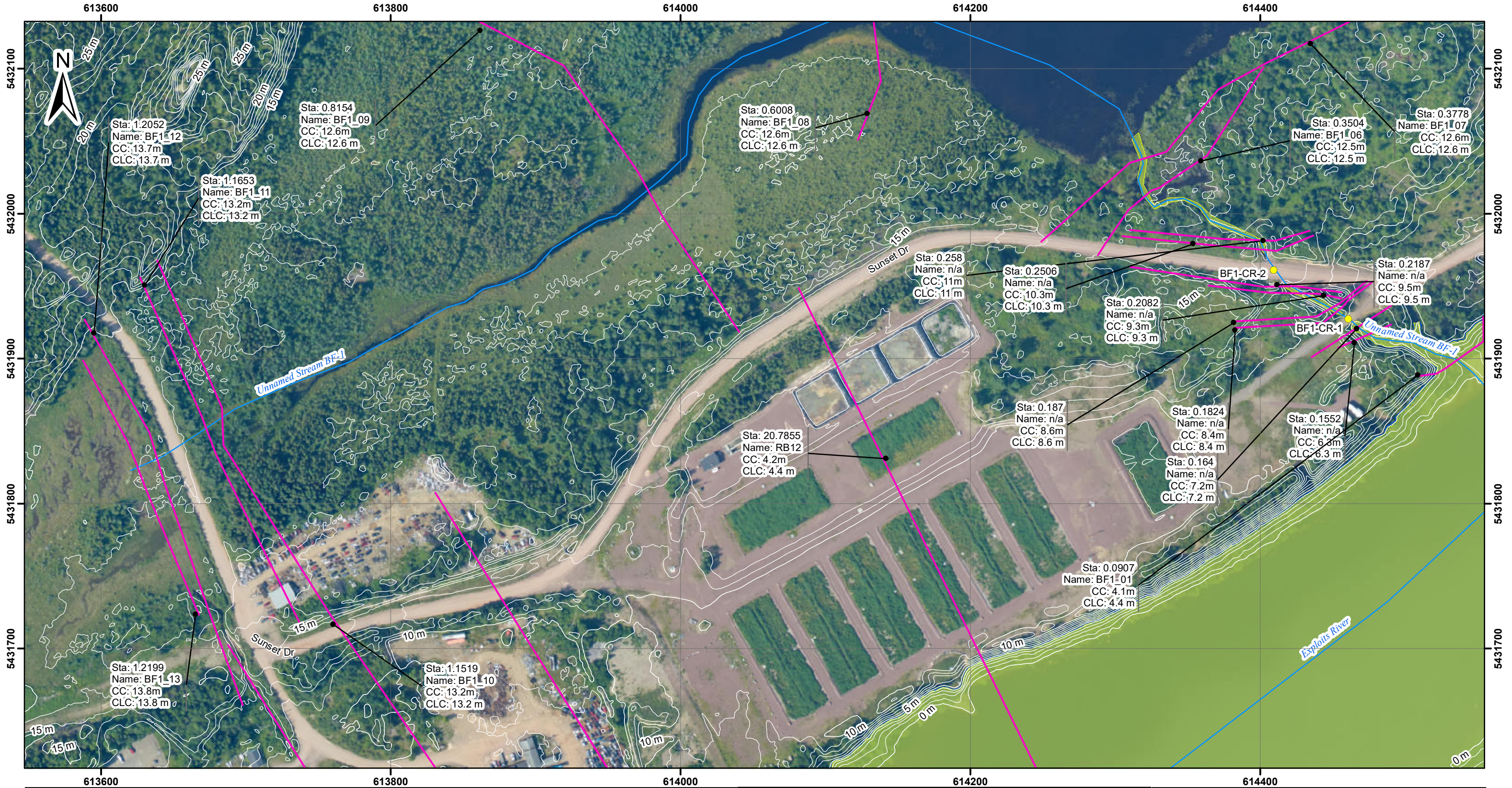
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DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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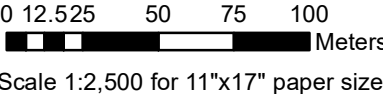


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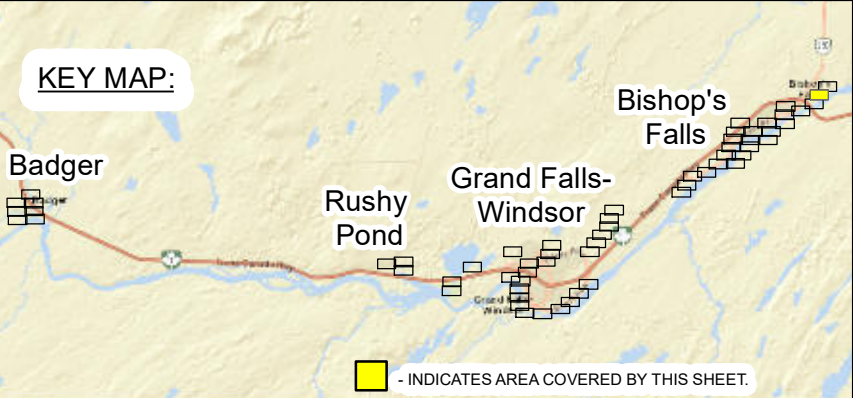
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WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #12

1:100 AEP FLOOD EXTENT MAP

CURRENT CLIMATE AND CLIMATE CHANGE

DETAIL MAP

DATE: 05/17/2021

PROJECT #: H-358566

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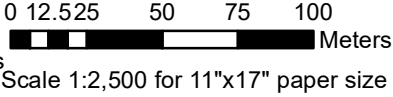
Legend

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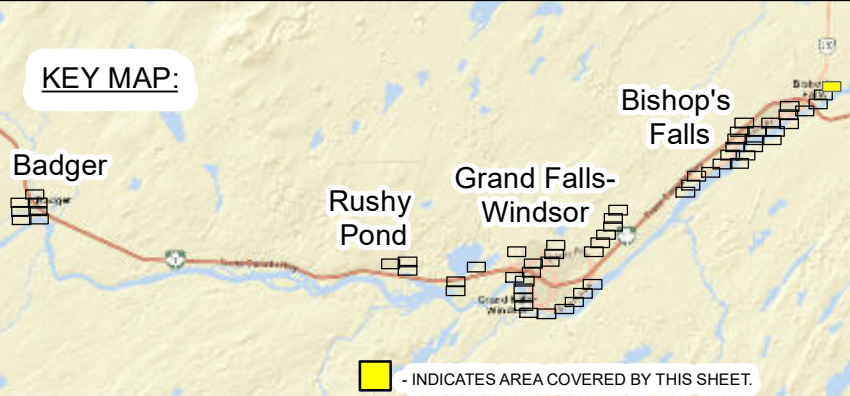
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