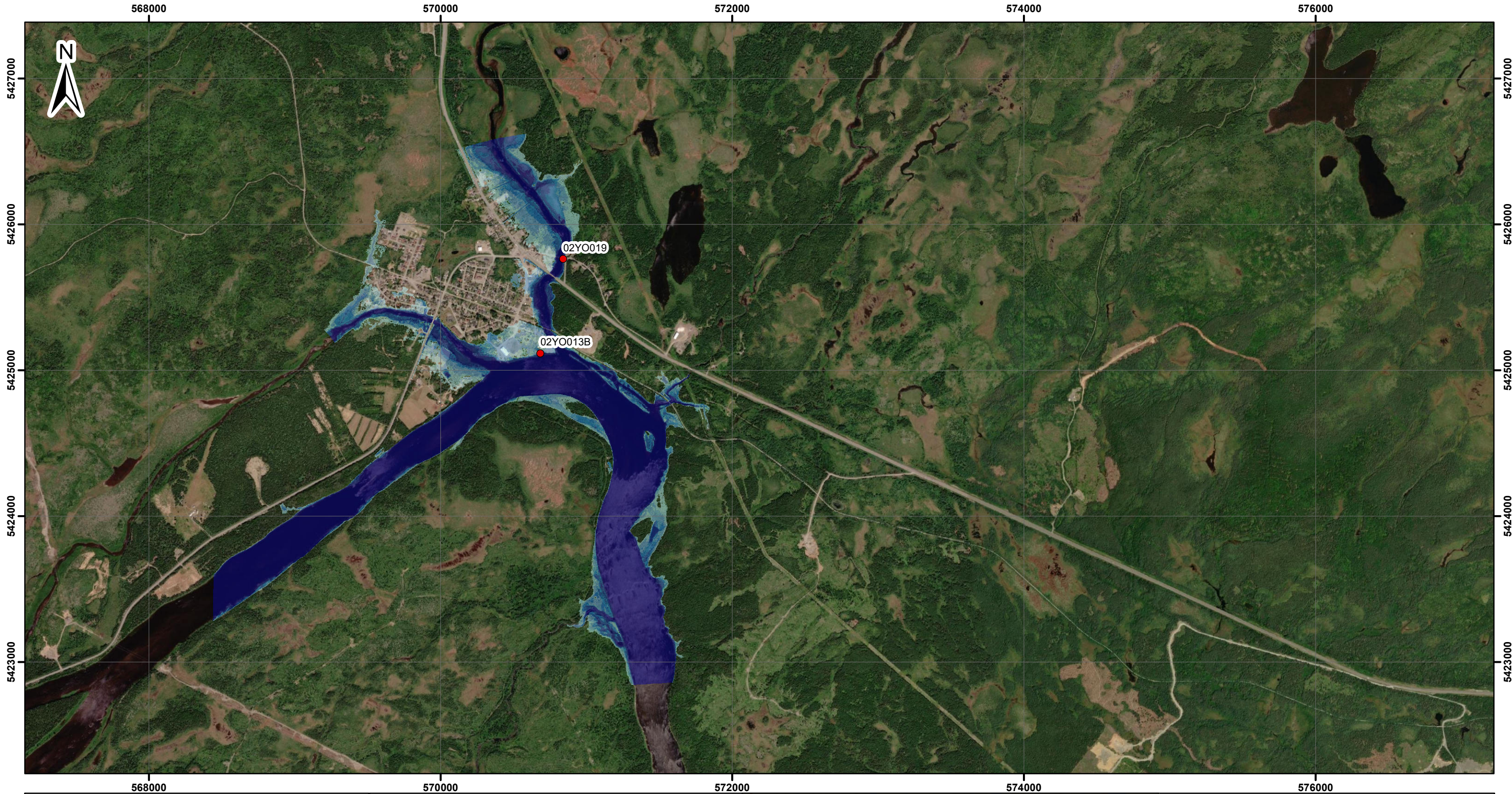


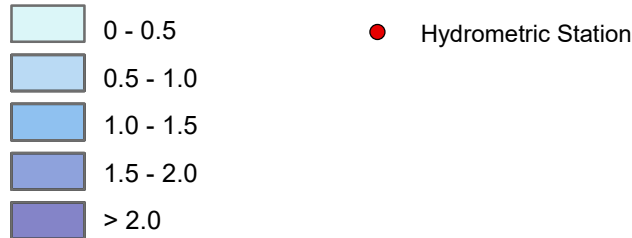
**Appendix F.5: Map Set 5 –  
Flood Inundation – Current Climate – 1:20 AEP**





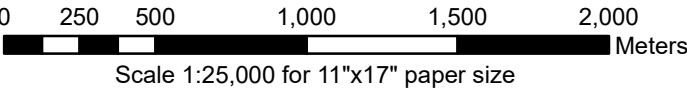
**Legend**

**Inundation Depth (m)**

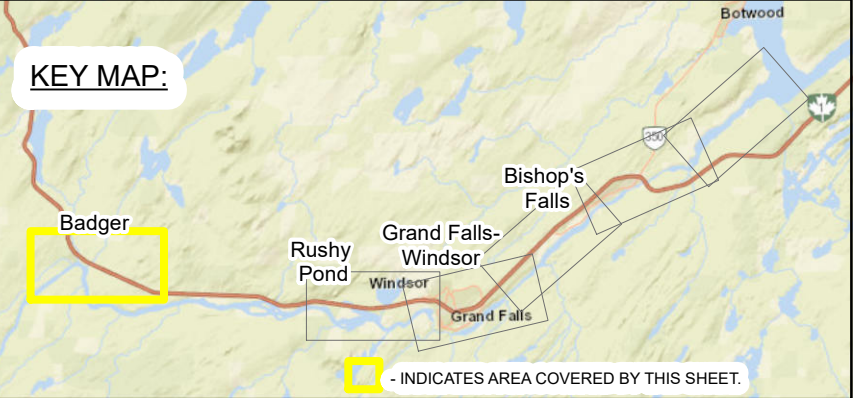


NOTES:

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.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

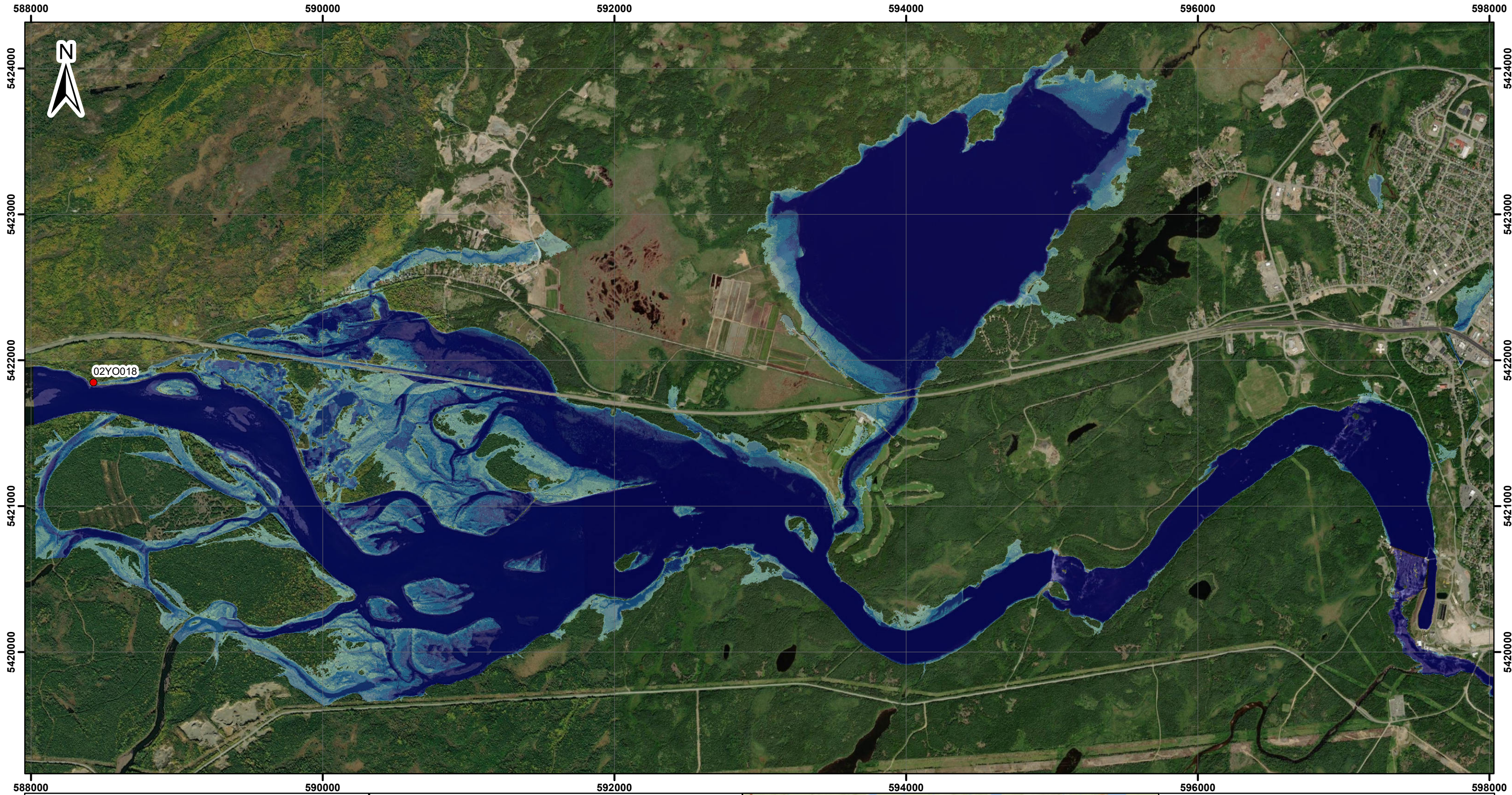
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

Page 1 of 6





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

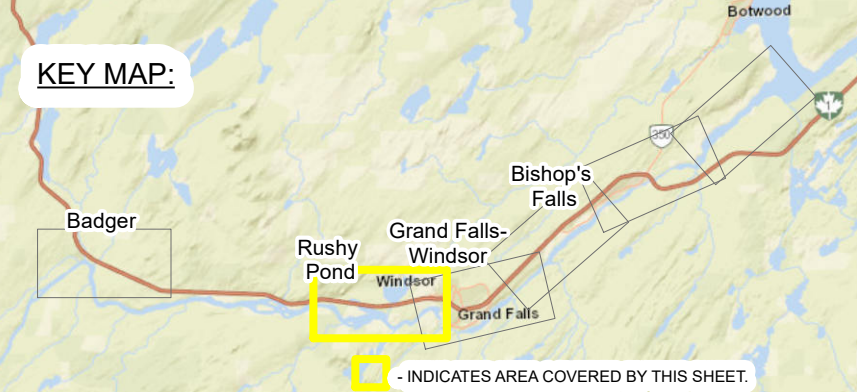
Hydrometric Station

**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.

0 250 500 1,000 1,500 2,000 Meters

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



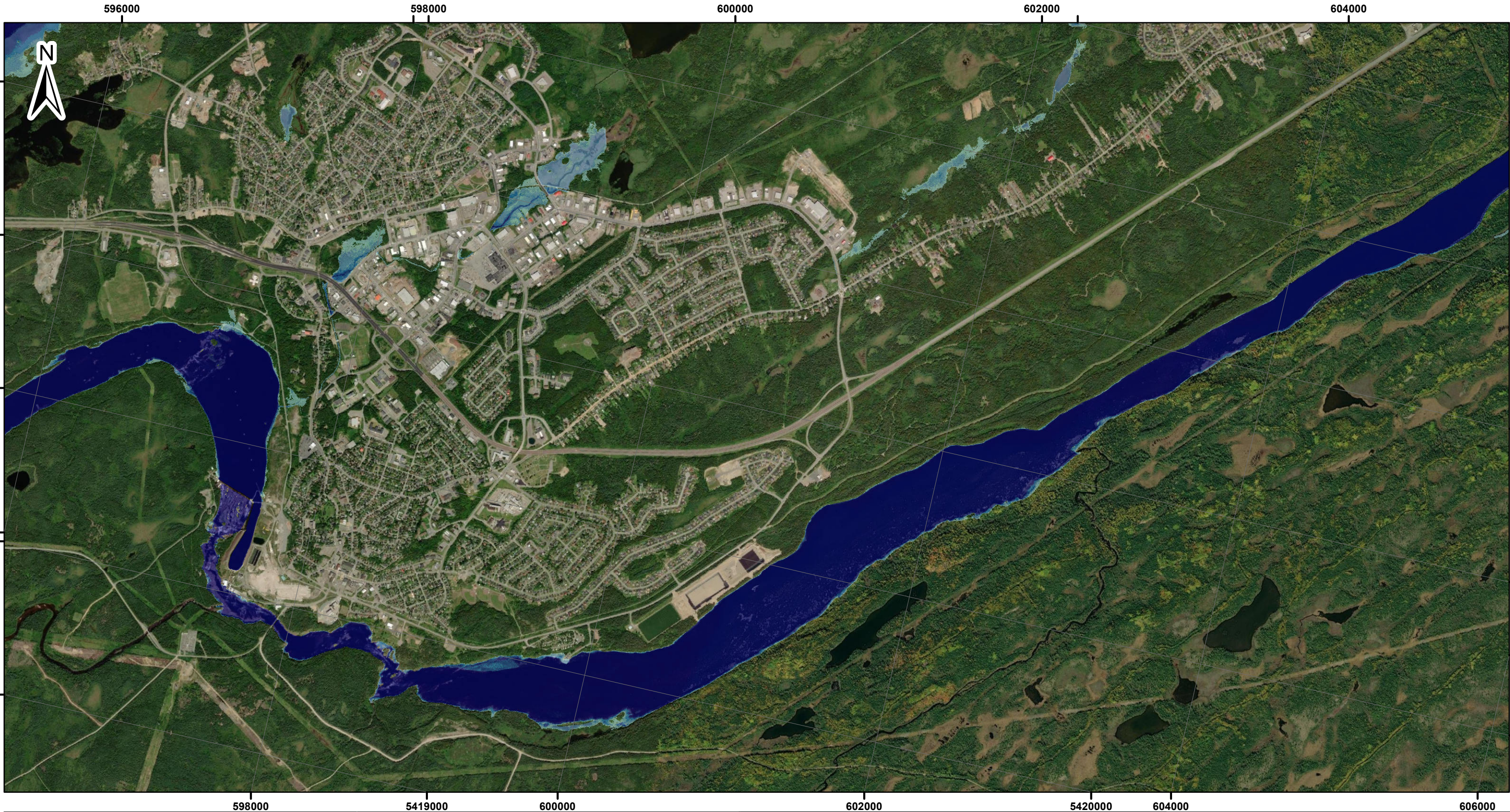
**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

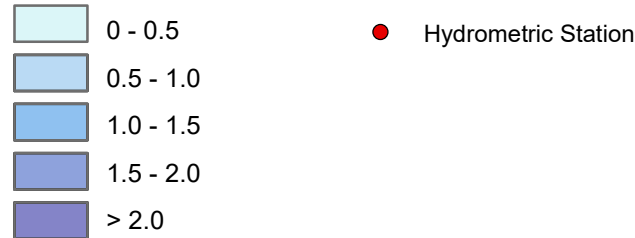
|                     |             |
|---------------------|-------------|
| DATE: 05/17/2021    | Page 2 of 6 |
| PROJECT #: H-358566 |             |





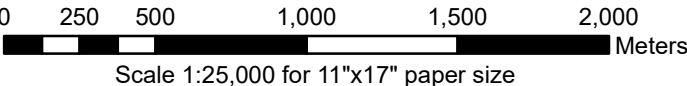
**Legend**

**Inundation Depth (m)**

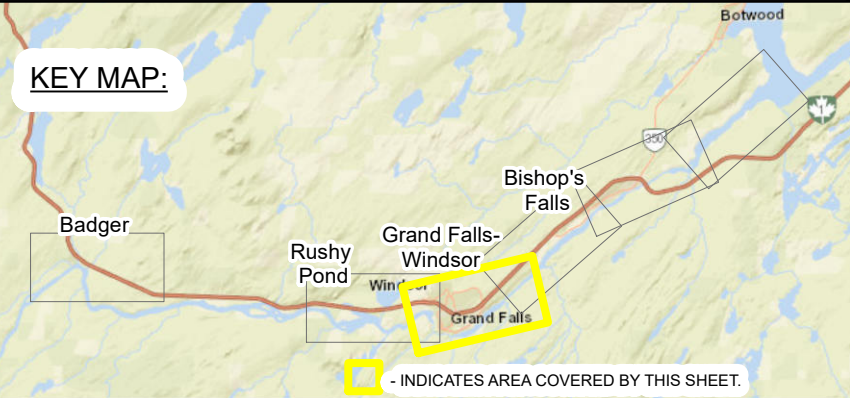


**NOTES:**

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.



**KEY MAP:**



**WATER RESOURCES MANAGEMENT DIVISION**

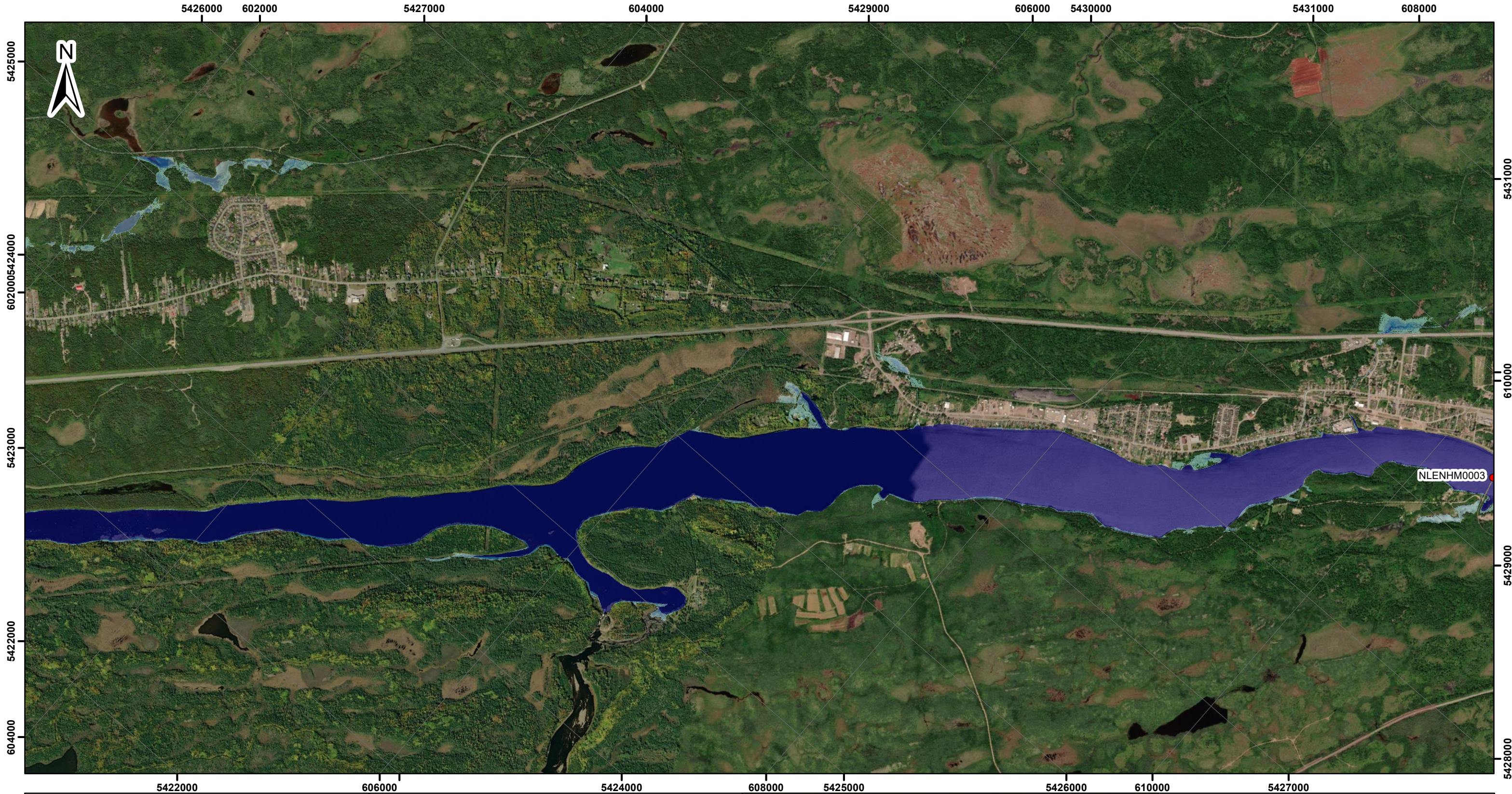
**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

DATE: 05/17/2021

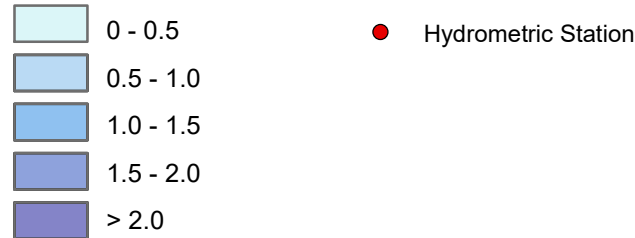
PROJECT #: H-358566





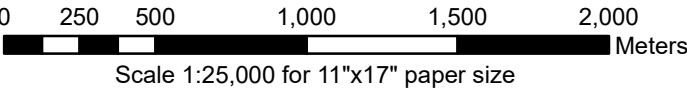
**Legend**

**Inundation Depth (m)**

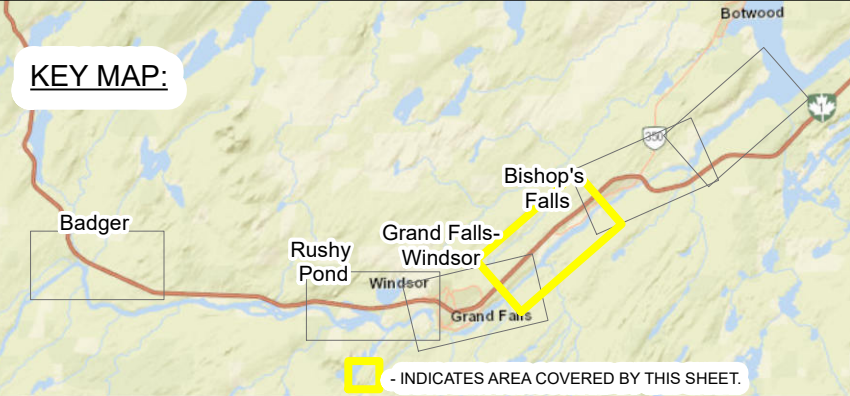


NOTES:

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.



KEY MAP:



**WATER RESOURCES MANAGEMENT DIVISION**

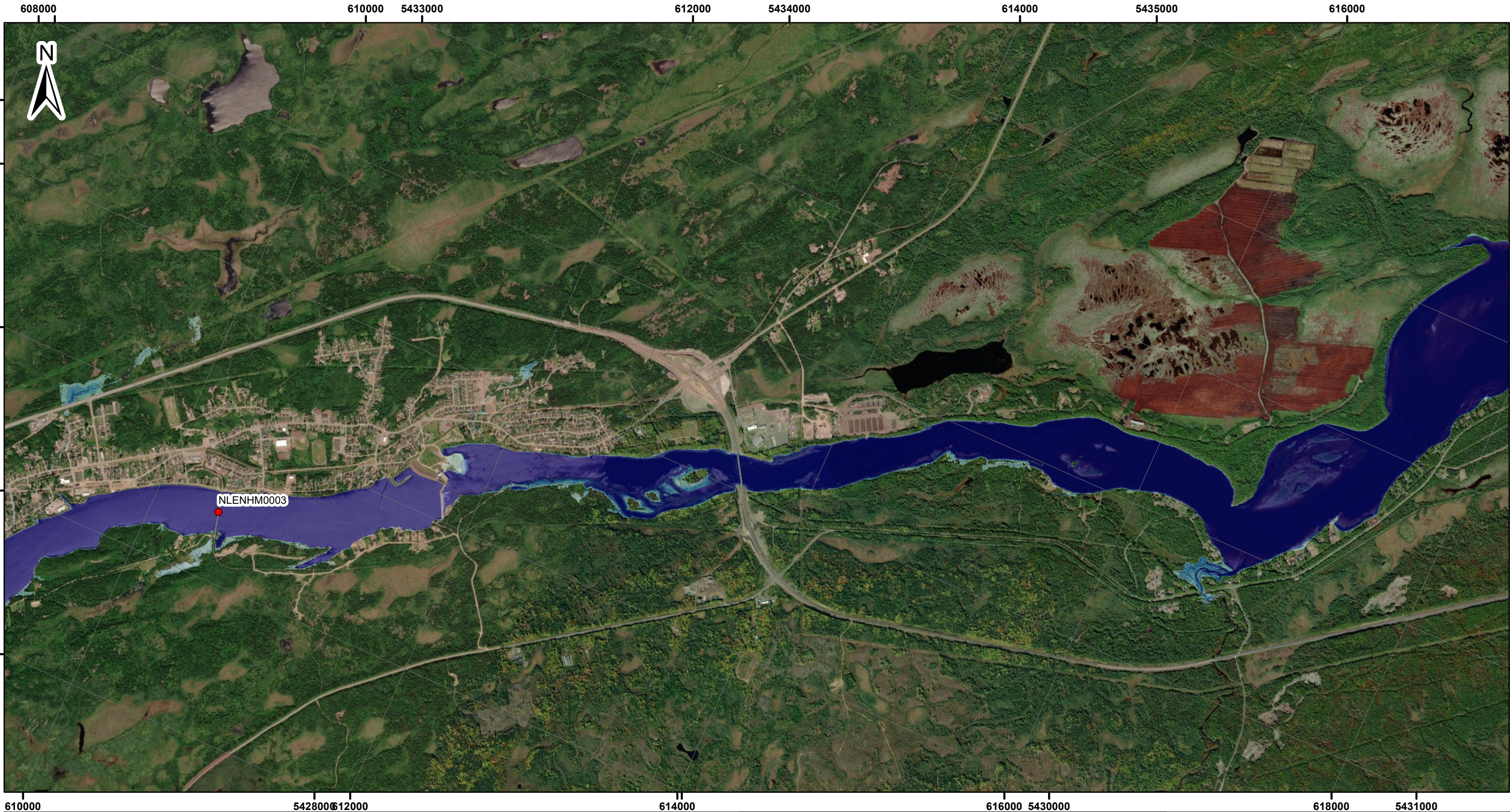
**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

DATE: 05/17/2021

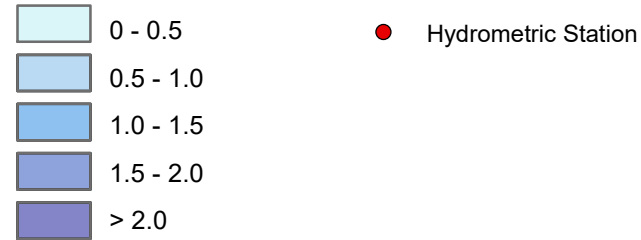
PROJECT #: H-358566





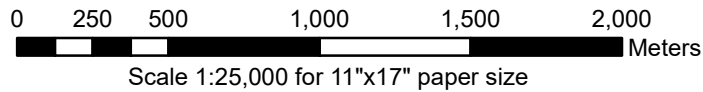
**Legend**

**Inundation Depth (m)**

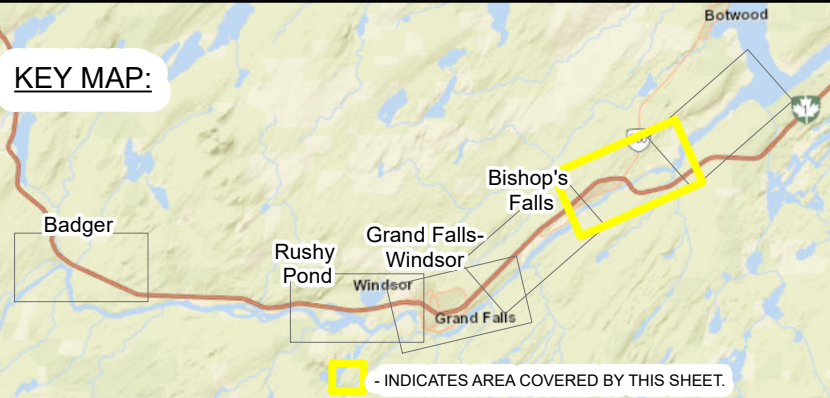


NOTES:

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.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

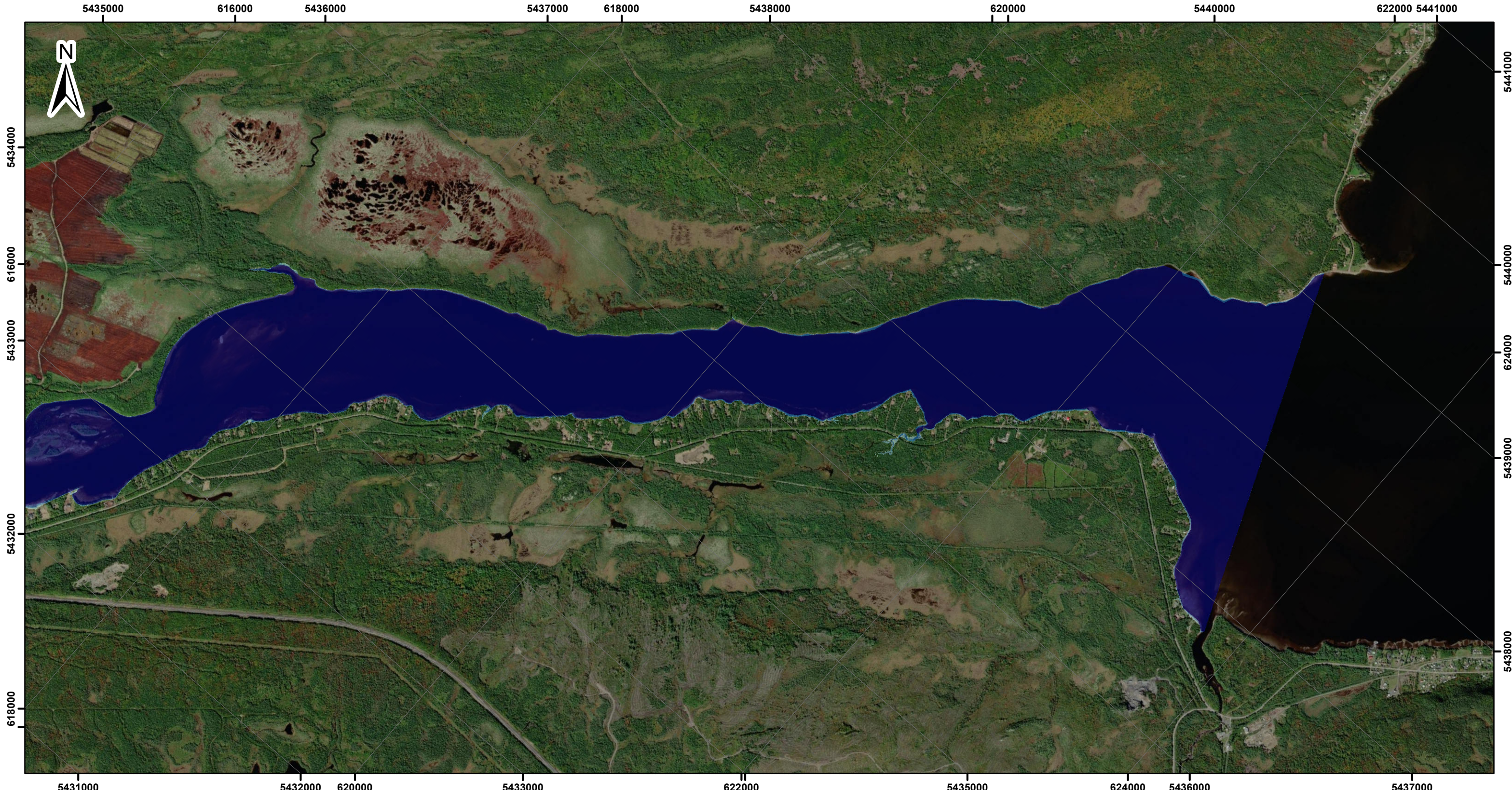
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

Page 5 of 6





**Legend**

**Inundation Depth (m)**

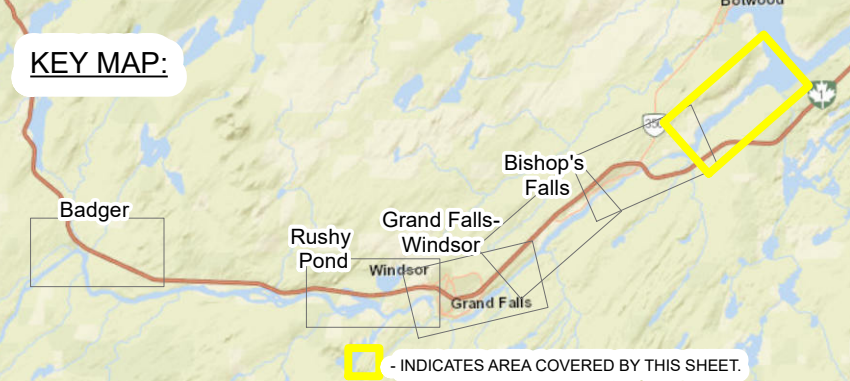
|           |                       |
|-----------|-----------------------|
| 0 - 0.5   | ● Hydrometric Station |
| 0.5 - 1.0 |                       |
| 1.0 - 1.5 |                       |
| 1.5 - 2.0 |                       |
| > 2.0     |                       |

**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.

0 250 500 1,000 1,500 2,000 Meters

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



**HATCH** Newfoundland Labrador

**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

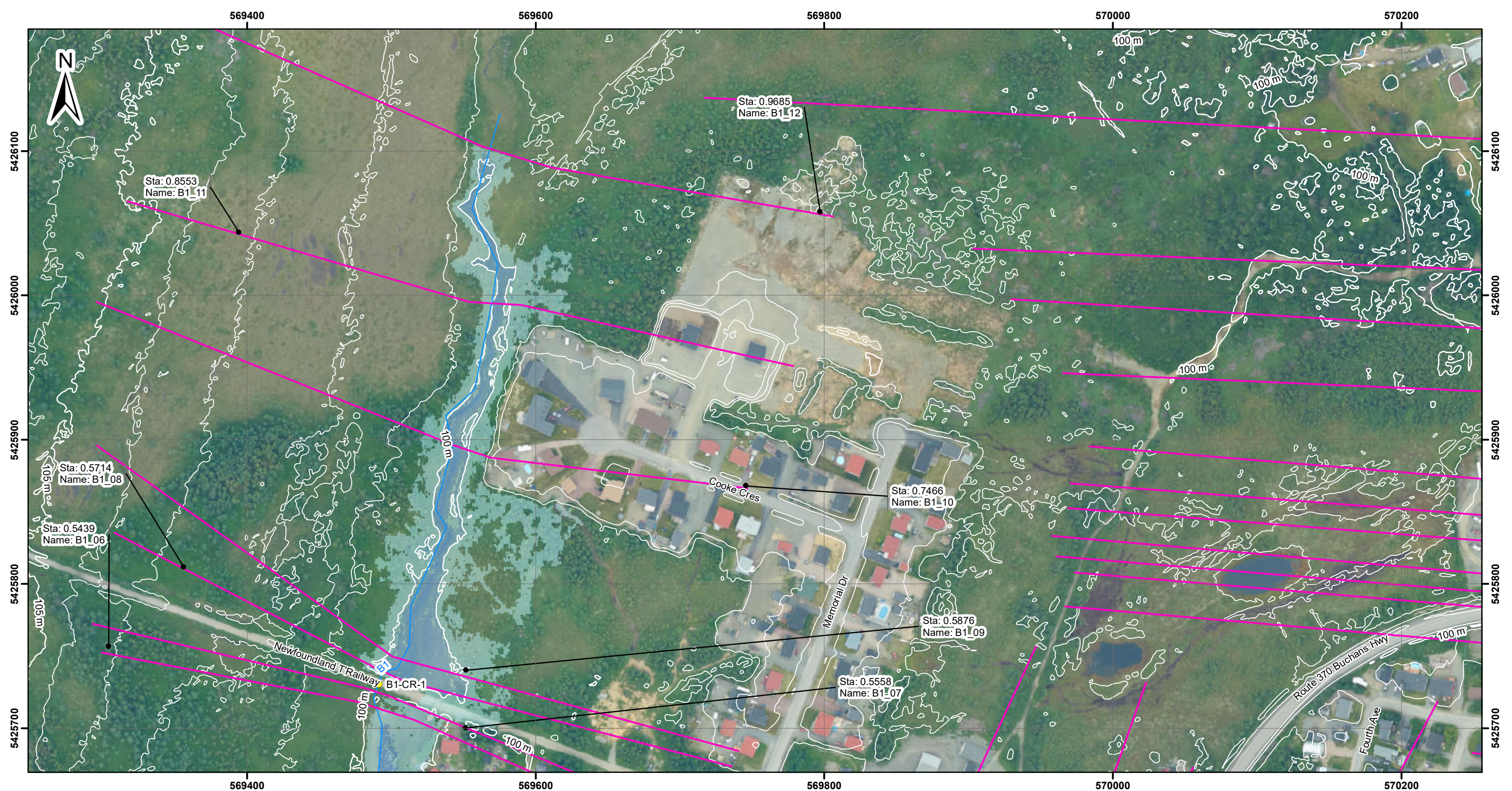
**MAP SET #5**  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

Page 6 of 6





**Legend**

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

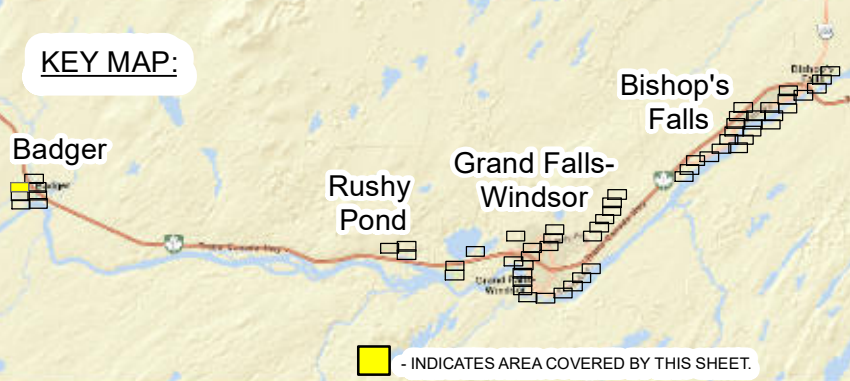
Cross Sections

**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.
- 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.

0 15 30 60 90 120 Meters

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



**HATCH** Newfoundland Labrador

**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

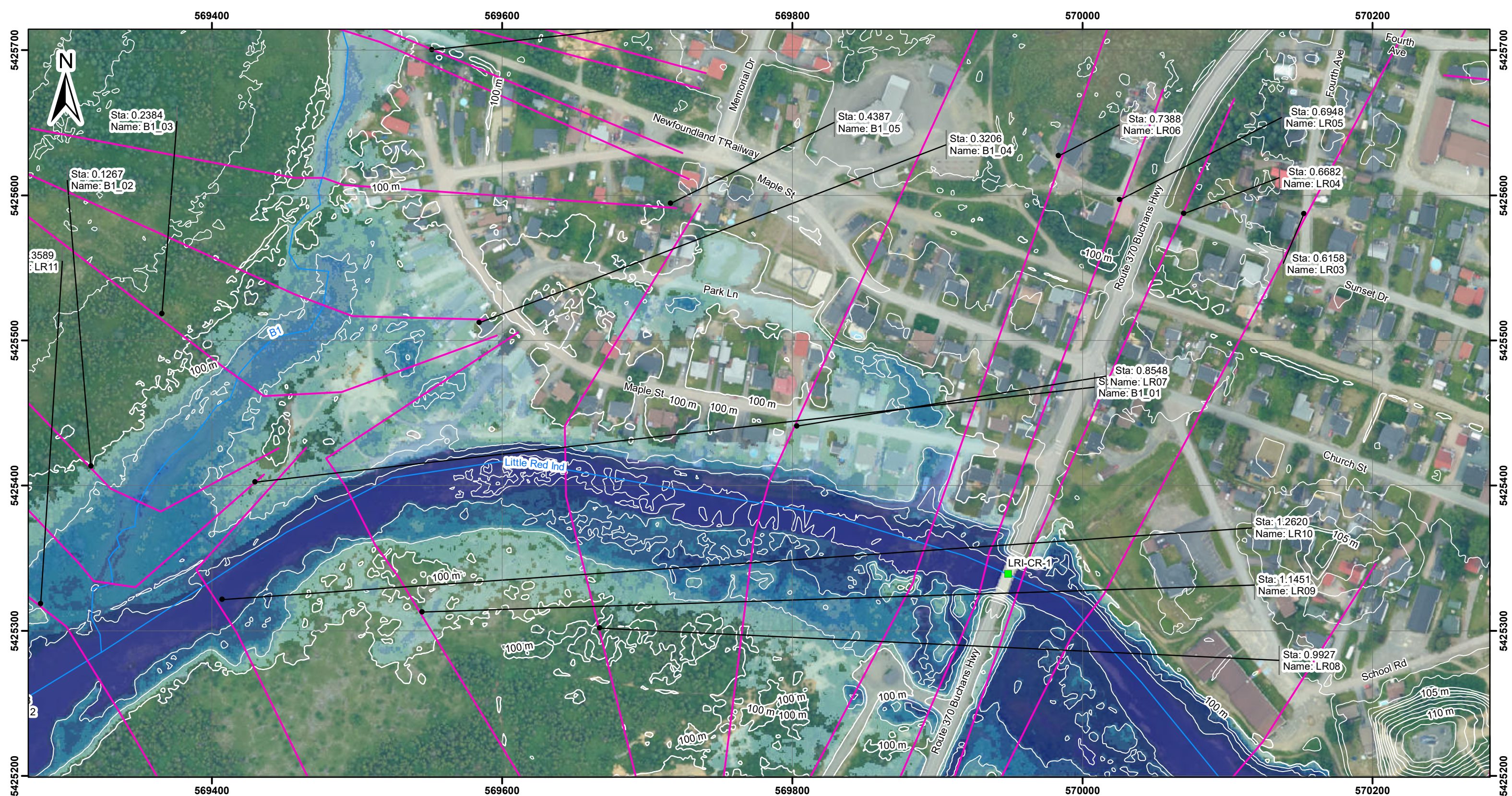
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

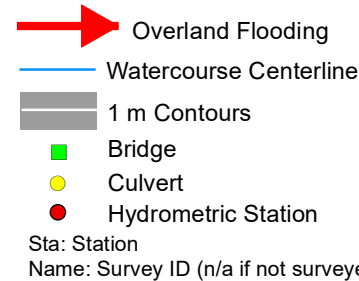
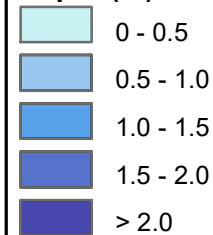
Page 1 of 61





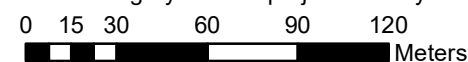
## Legend

### Inundation Depth (m)



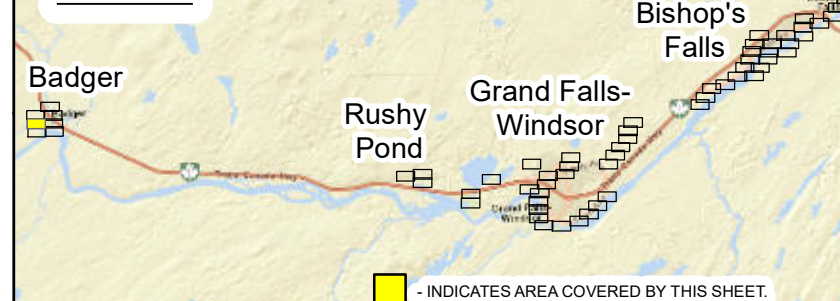
### NOTES:

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



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

### KEY MAP:



## WATER RESOURCES MANAGEMENT DIVISION

### EXPLOITS RIVER FLOOD RISK MAPPING STUDY

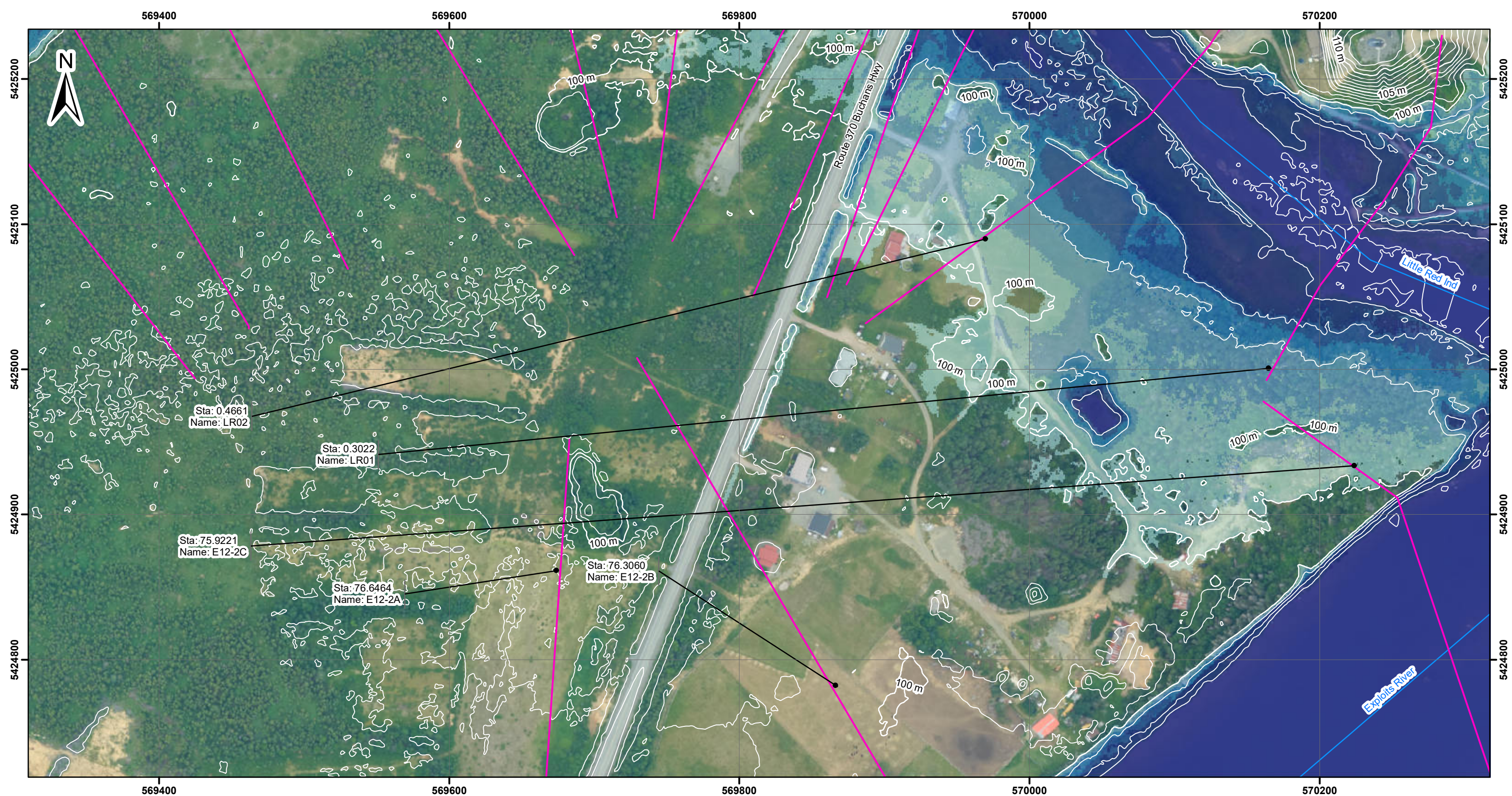
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 2 of 61





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

**Other Symbols:**

- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station Name: Survey ID (n/a if not surveyed)
- Cross Sections

**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.
- 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.

0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

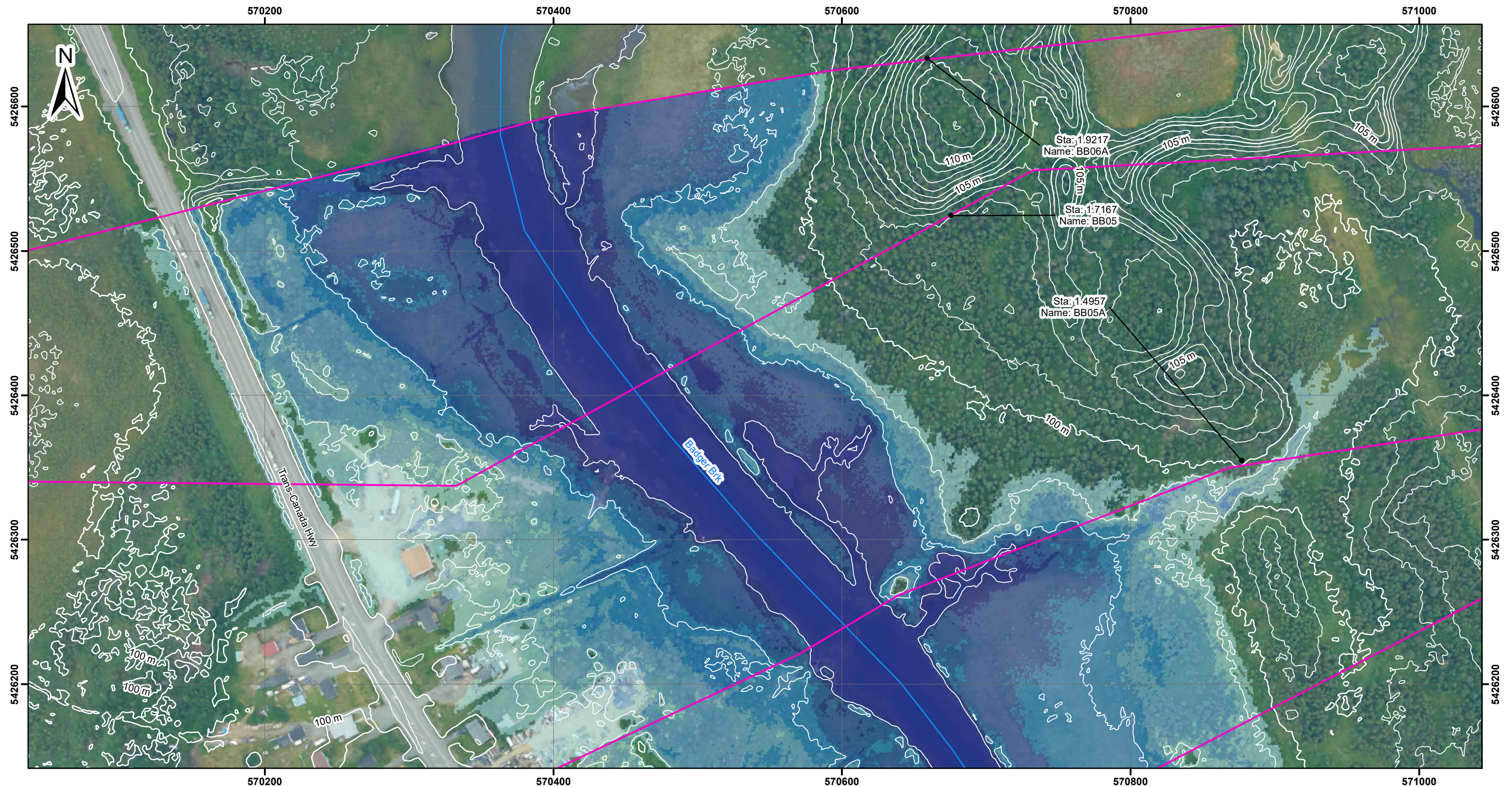
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 3 of 61





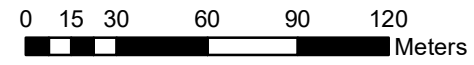
**Legend**

**Inundation Depth (m)**

|           |                                       |
|-----------|---------------------------------------|
| 0 - 0.5   | Overland Flooding                     |
| 0.5 - 1.0 | Watercourse Centerline                |
| 1.0 - 1.5 | 1 m Contours                          |
| 1.5 - 2.0 | Bridge                                |
| > 2.0     | Culvert                               |
|           | Hydrometric Station                   |
|           | Sta: Station                          |
|           | Name: Survey ID (n/a if not surveyed) |

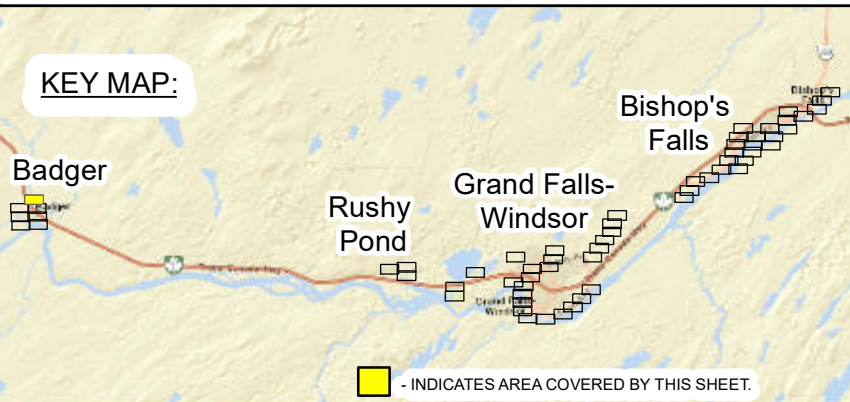
**NOTES:**

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



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

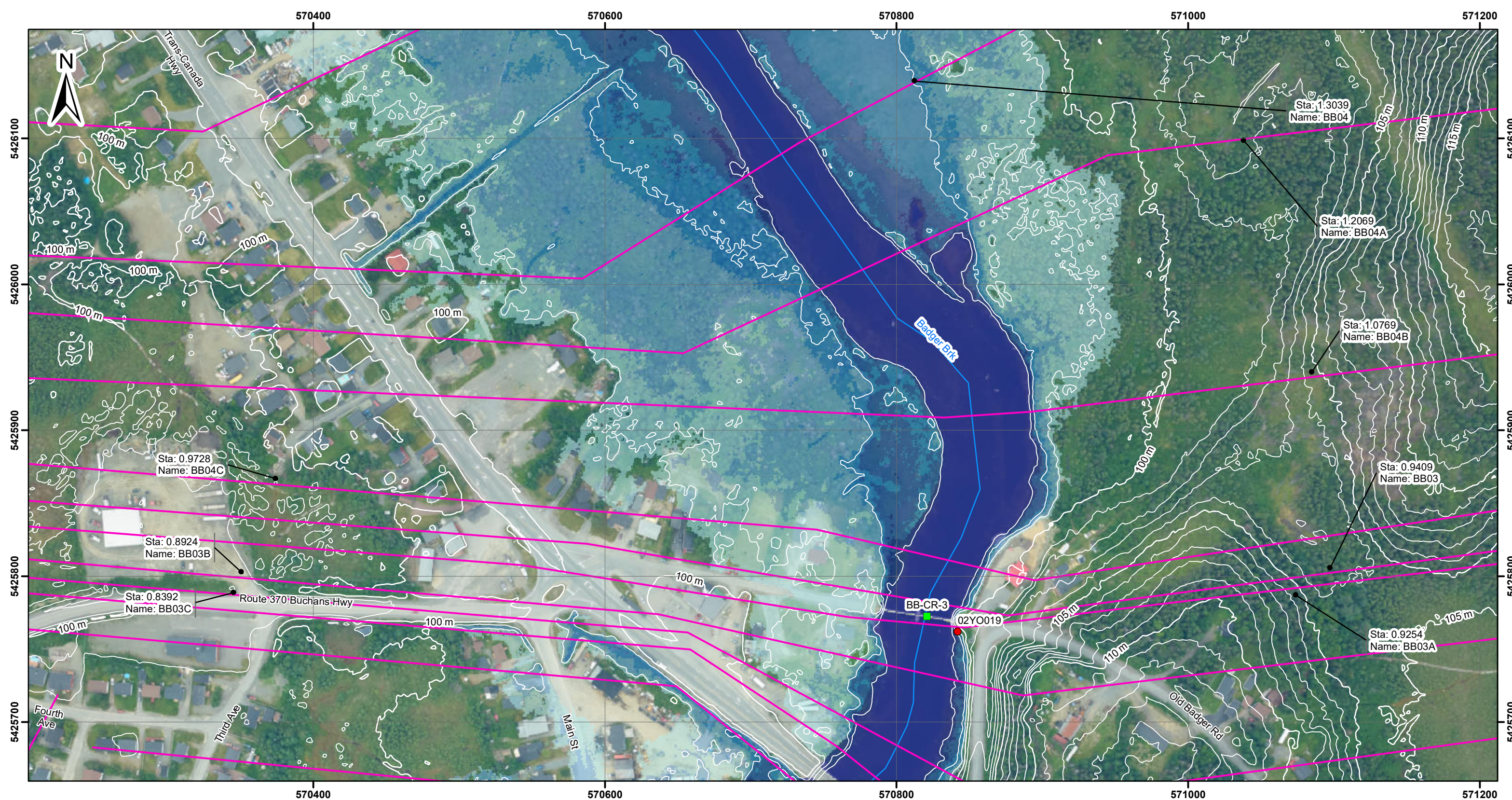
**KEY MAP:**



**HATCH** Newfoundland Labrador

|                                                                                |              |
|--------------------------------------------------------------------------------|--------------|
| WATER RESOURCES MANAGEMENT DIVISION                                            |              |
| EXPLOITS RIVER FLOOD RISK MAPPING STUDY                                        |              |
| MAP SET #5<br>FLOOD INUNDATION MAP<br>1:20 AEP - CURRENT CLIMATE<br>DETAIL MAP |              |
| DATE: 5/17/2021                                                                | Page 4 of 61 |
| PROJECT #: H-358566                                                            |              |





### Legend

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

**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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- Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.
- Topographic map and world imagery outside project area by ESRI.

0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

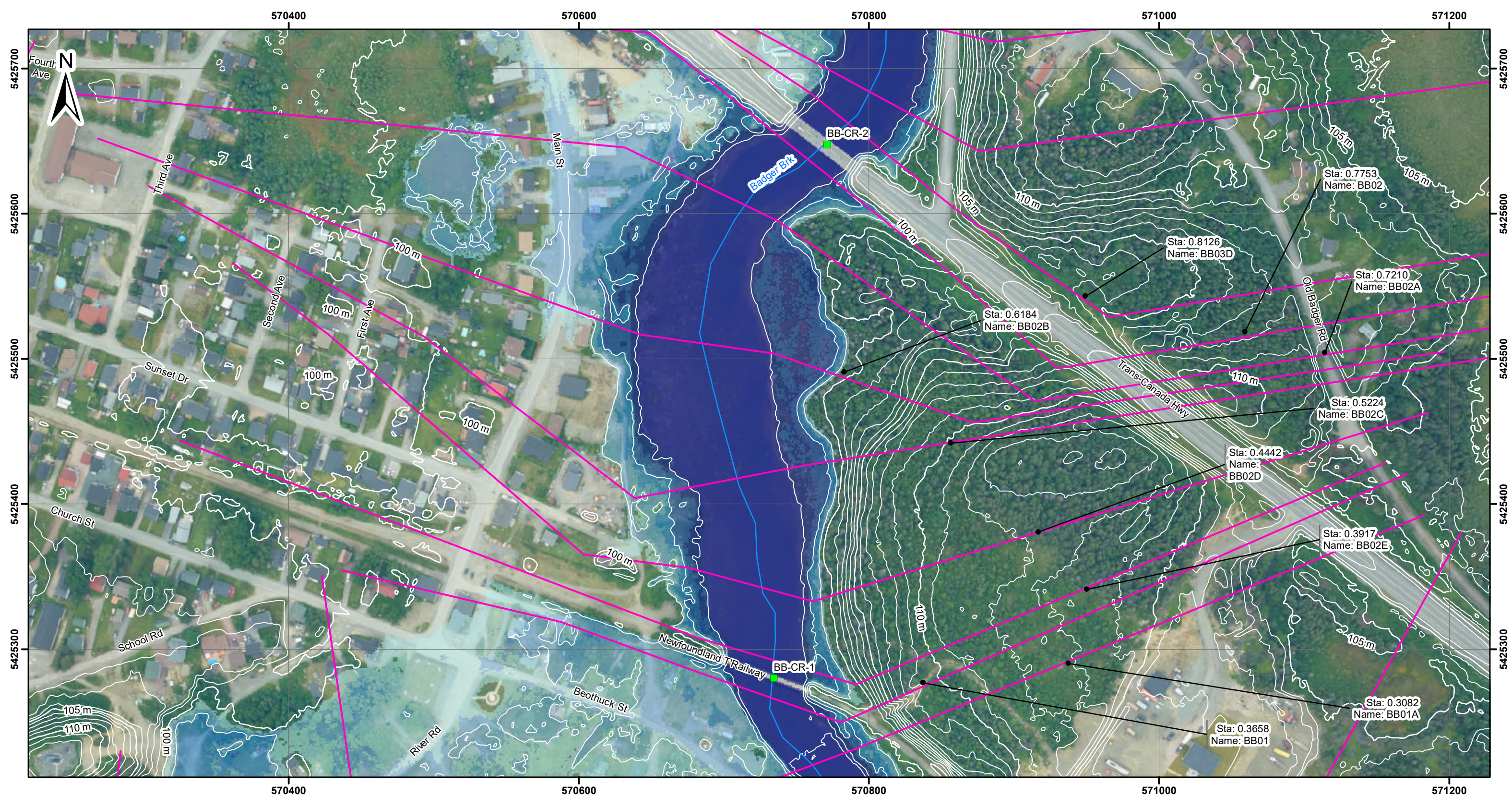
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 5 of 61





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

**Other Symbols:**

- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- Cross Sections

**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.
- 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.

0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

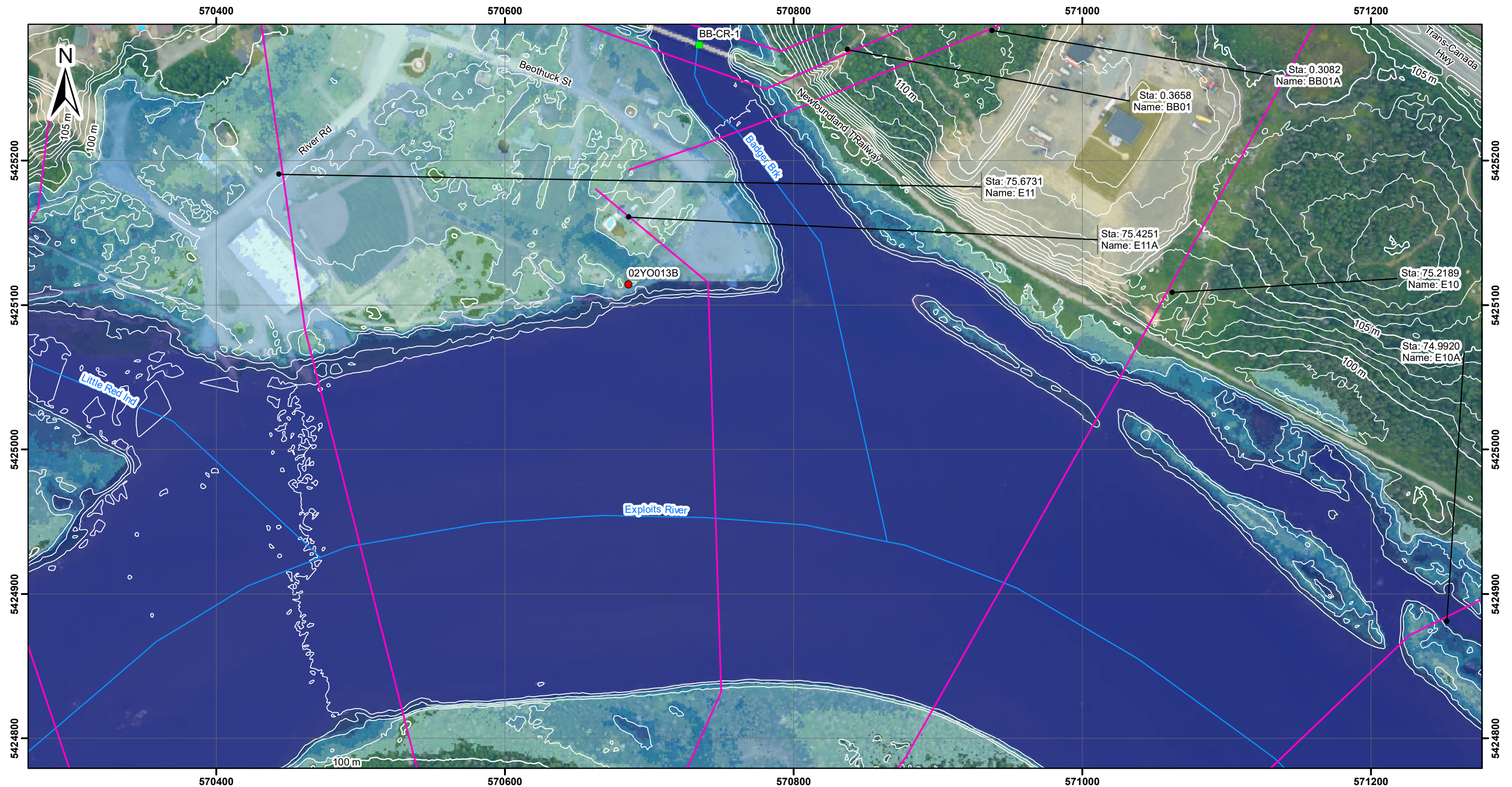
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

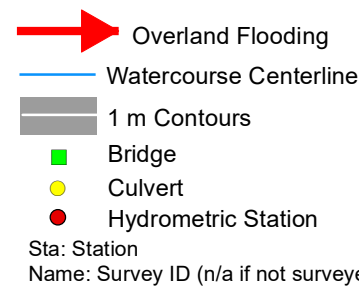
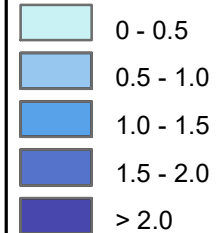
Page 6 of 61





## Legend

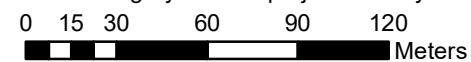
### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

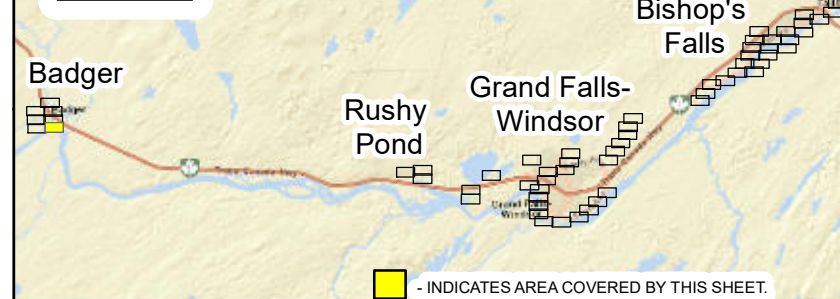
### NOTES:

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



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

### KEY MAP:



## WATER RESOURCES MANAGEMENT DIVISION

### EXPLOITS RIVER FLOOD RISK MAPPING STUDY

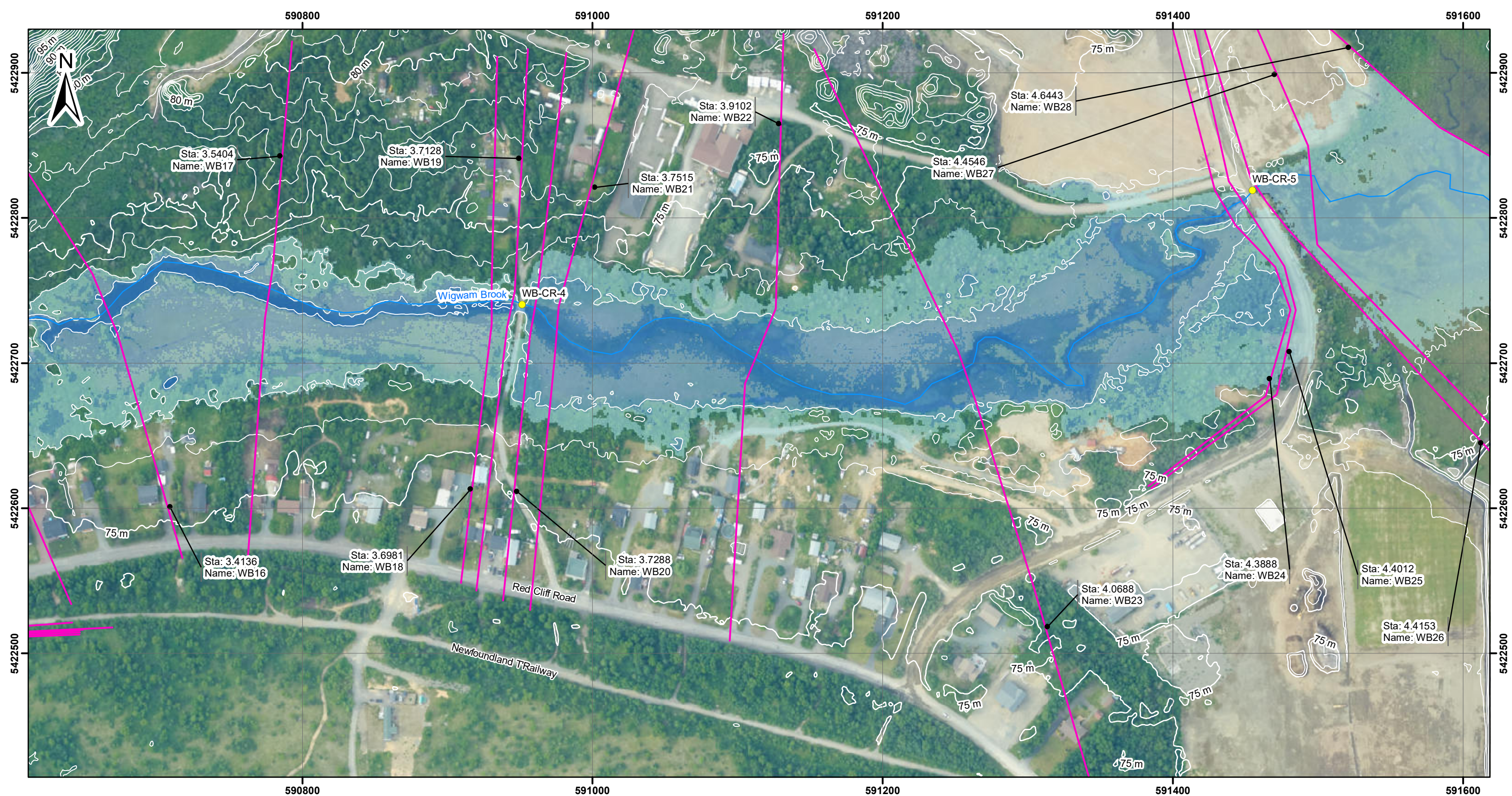
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 7 of 61





### Legend

#### Inundation Depth (m)

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

### 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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- Topographic map and world imagery outside project area by ESRI.

0 15 30 60 90 120

Meters

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

### KEY MAP:

### WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

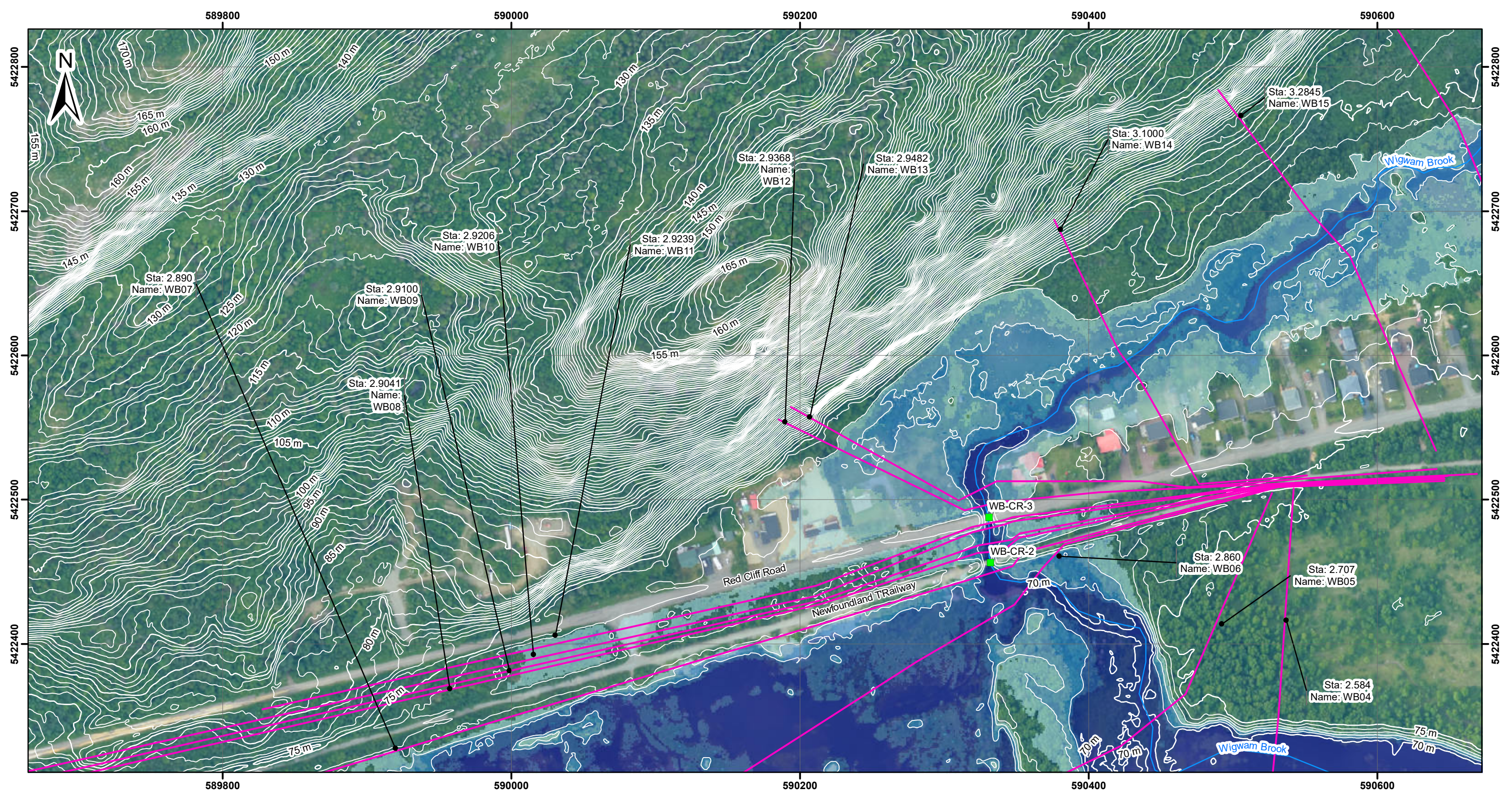
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

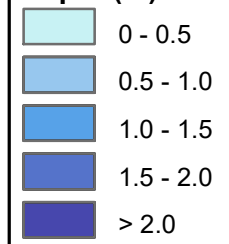
Page 8 of 61





### Legend

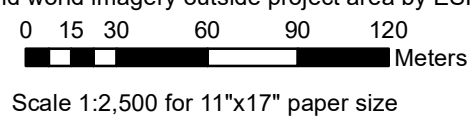
#### Inundation Depth (m)



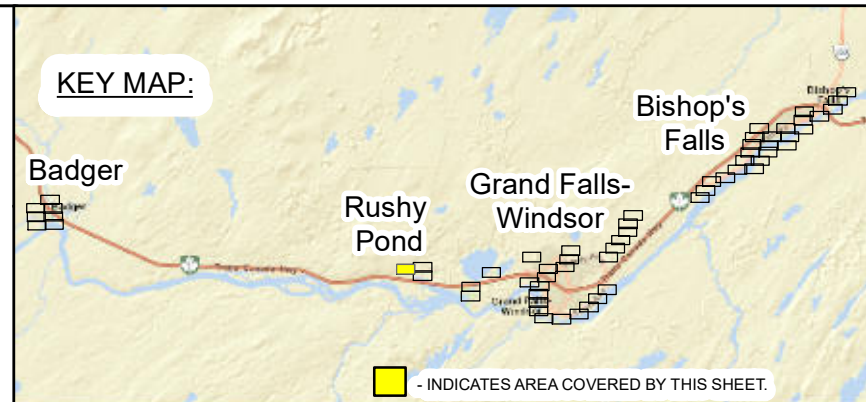
- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station  
Name: Survey ID (n/a if not surveyed)
- Cross Sections

#### 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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- 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:





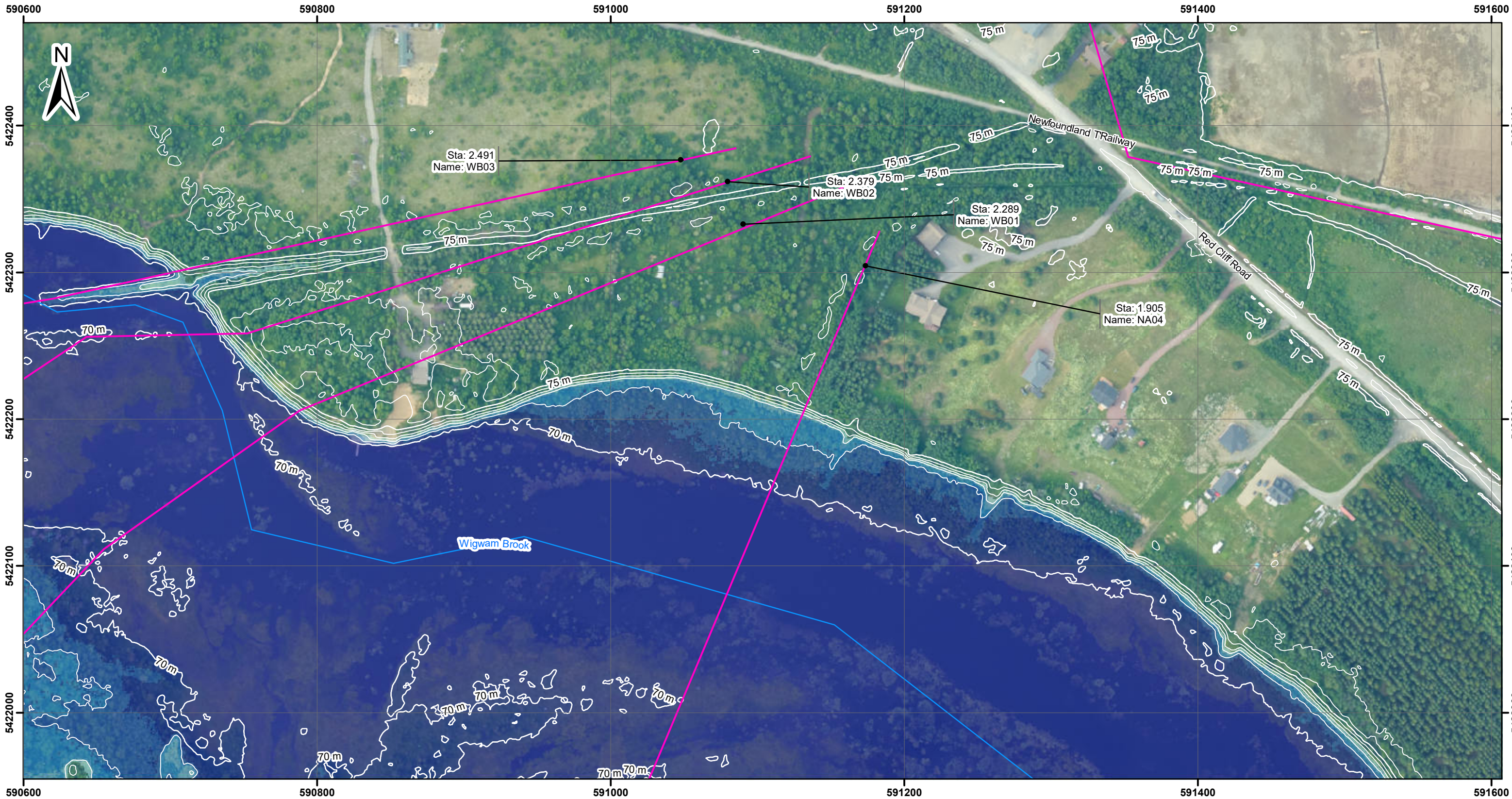
**WATER RESOURCES MANAGEMENT DIVISION**  
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021  
PROJECT #: H-358566

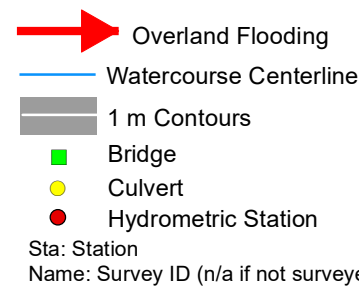
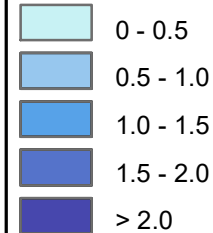
Page 9 of 61





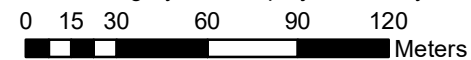
### Legend

#### Inundation Depth (m)



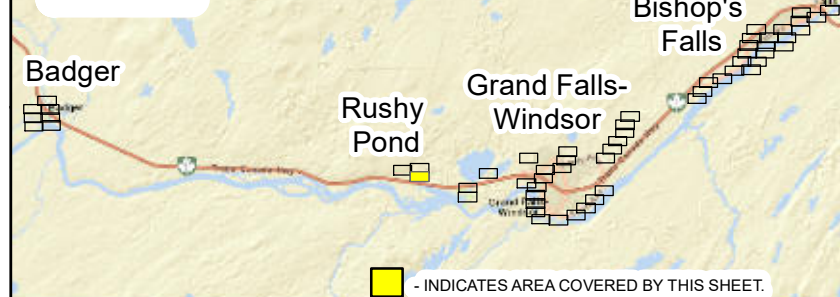
#### NOTES:

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4. Topographic map and world imagery outside project area by ESRI.



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

#### KEY MAP:





**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

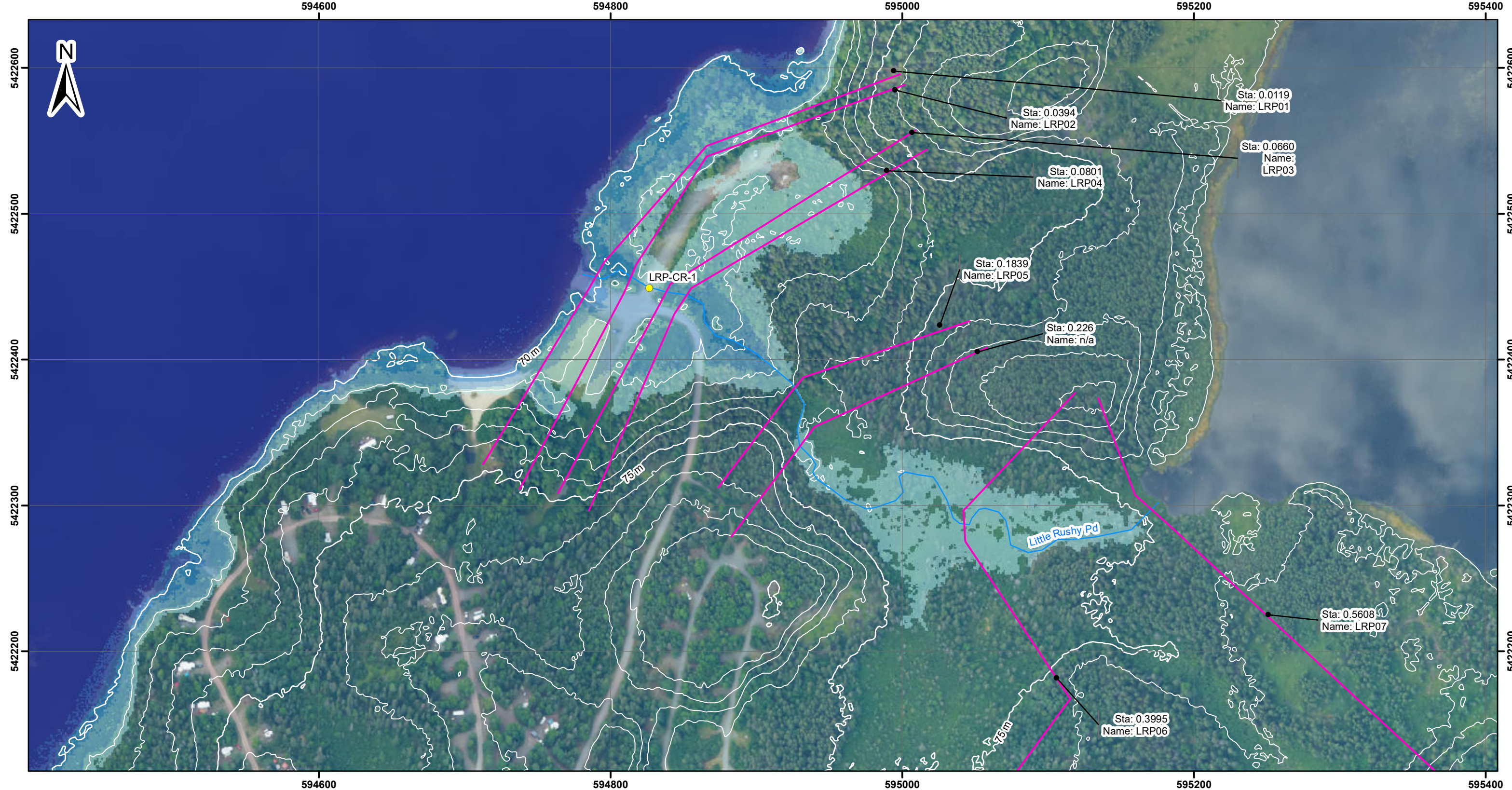
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 10 of 61





### Legend

#### Inundation Depth (m)

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

**NOTES:**

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0 15 30 60 90 120 Meters

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

### KEY MAP:

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

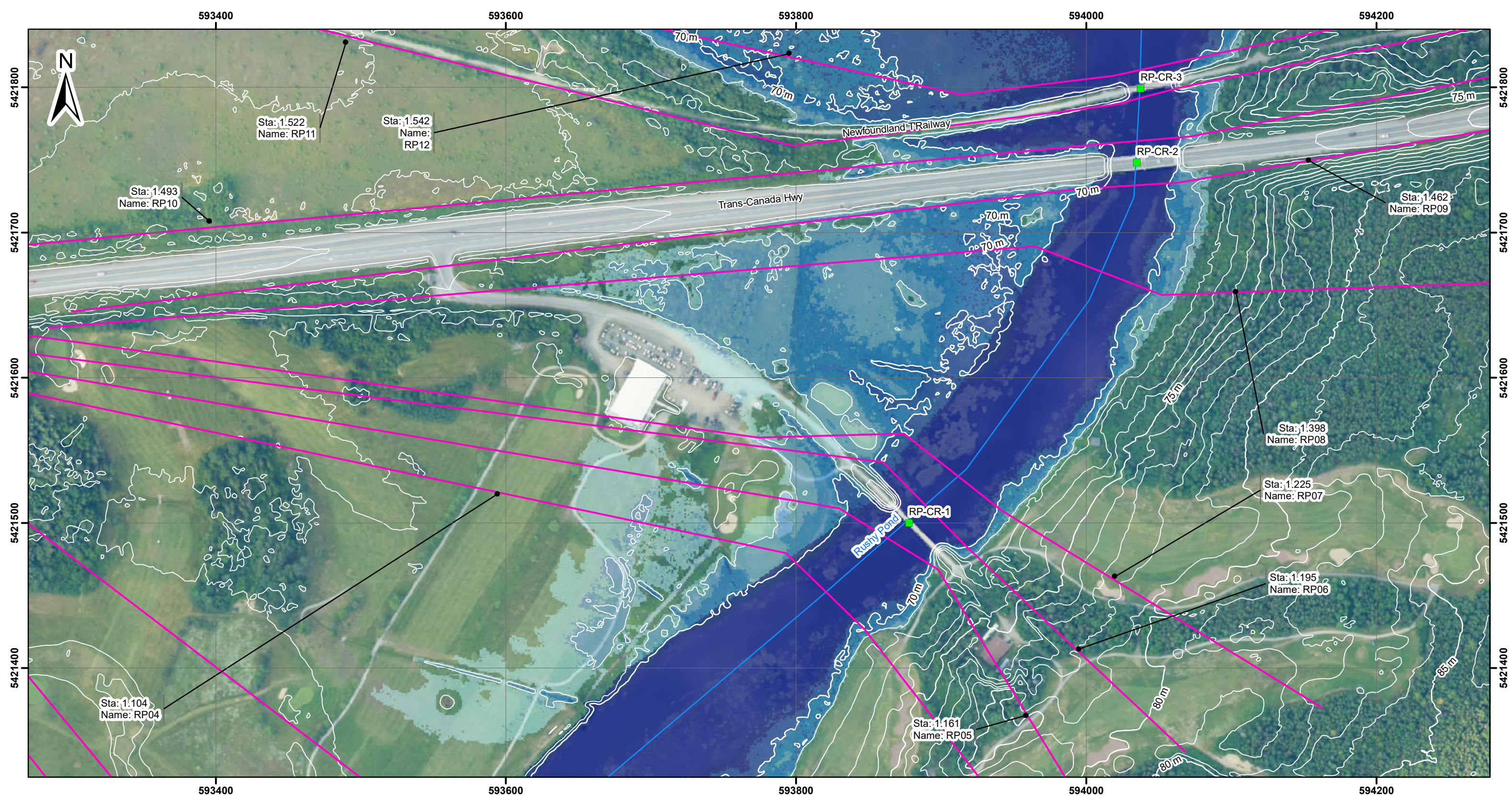
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 11 of 61





### Legend

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

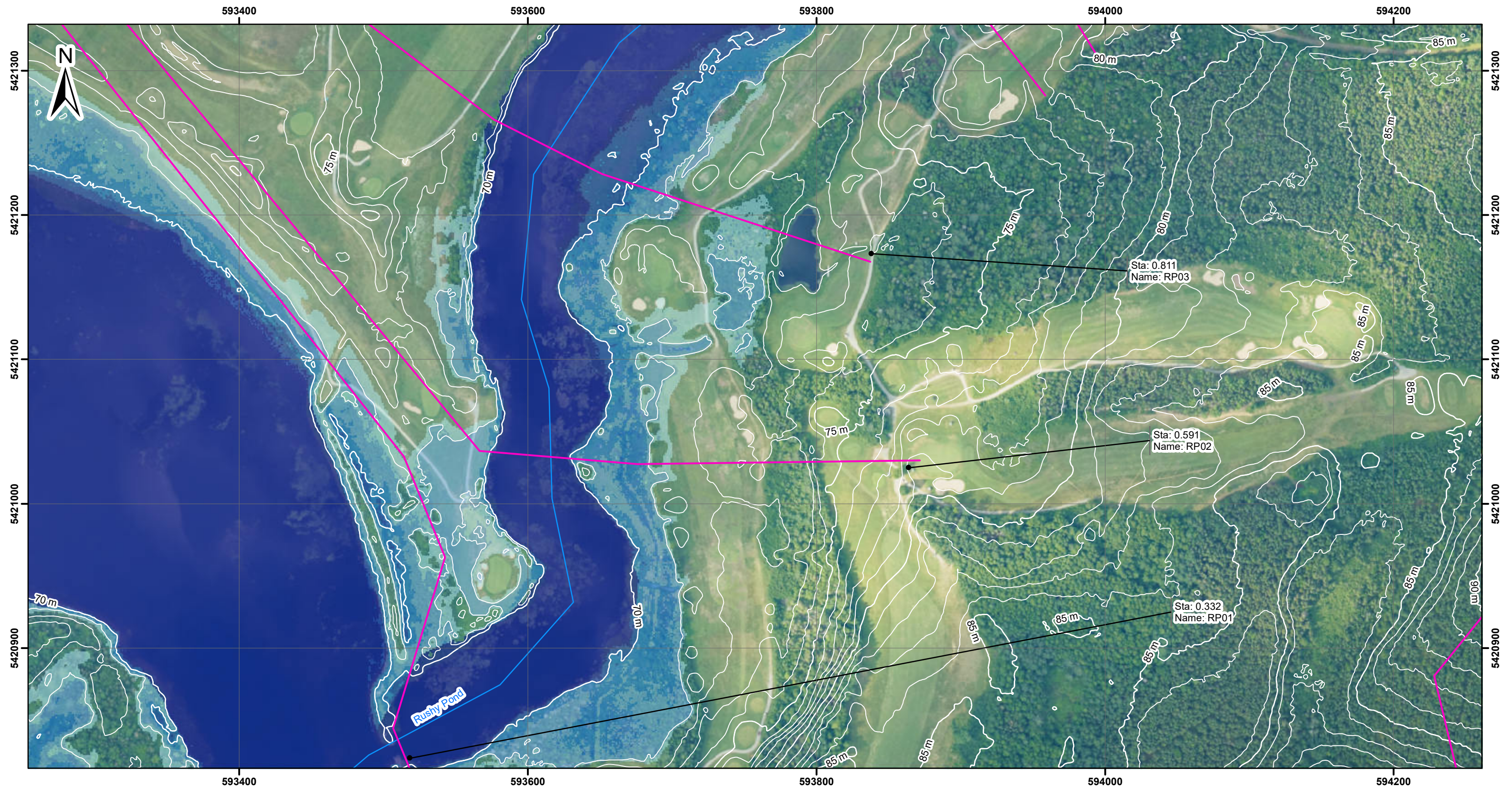
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 12 of 61





**Legend**

**Inundation Depth (m)**

0 - 0.5

0.5 - 1.0

1.0 - 1.5

1.5 - 2.0

> 2.0

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

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015306090120

Meters

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

**KEY MAP:**

- INDICATES AREA COVERED BY THIS SHEET.

**HATCH**

Newfoundland  
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

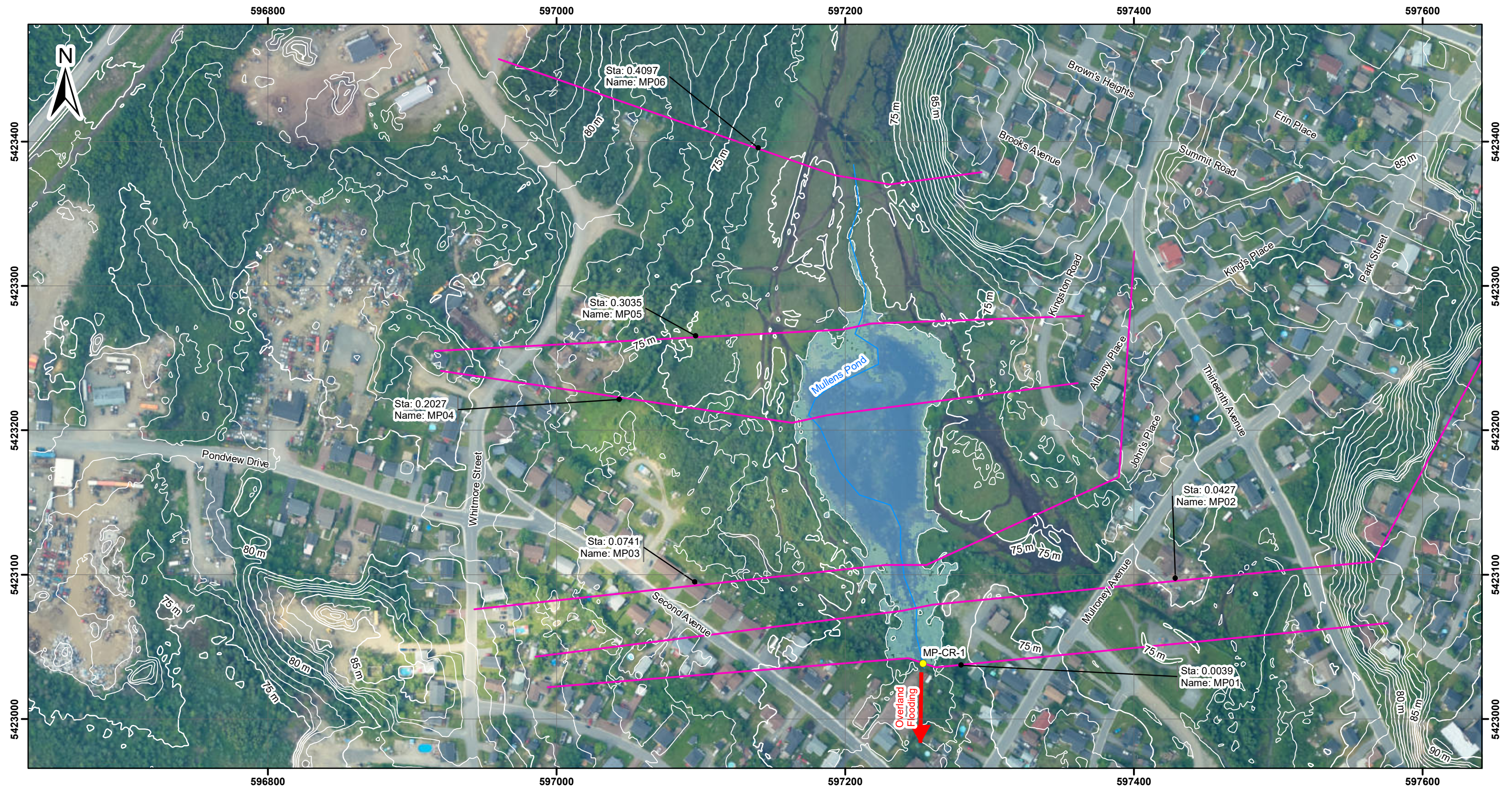
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 13 of 61





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

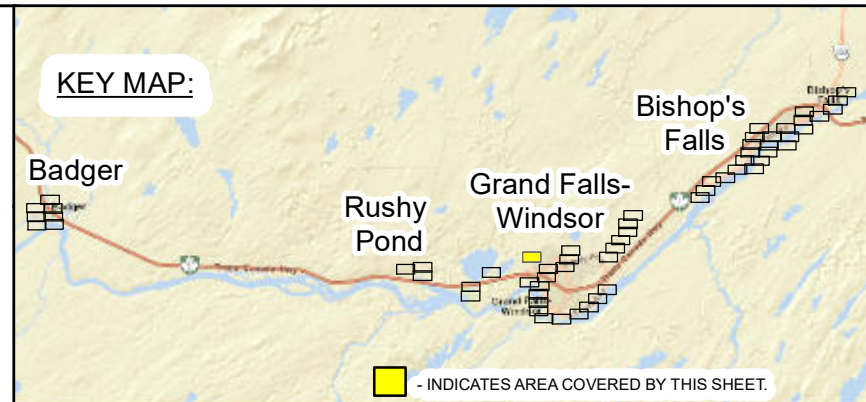
Cross Sections

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0 15 30 60 90 120 Meters

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



**HATCH**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

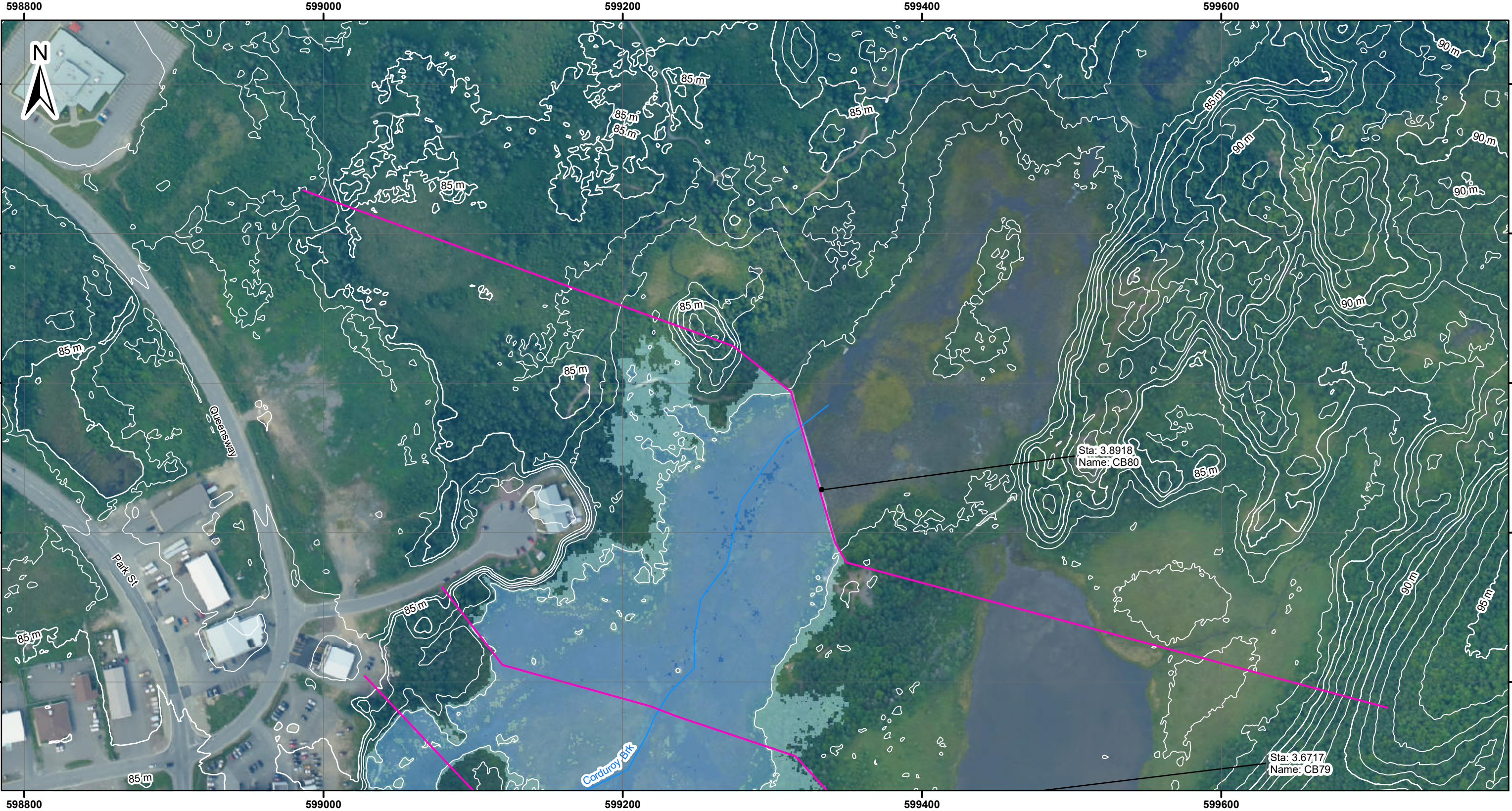
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 14 of 61





**Legend**

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

 Cross Sections

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015306090120

Meters

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

**KEY MAP:**

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**HATCH**

Newfoundland  
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

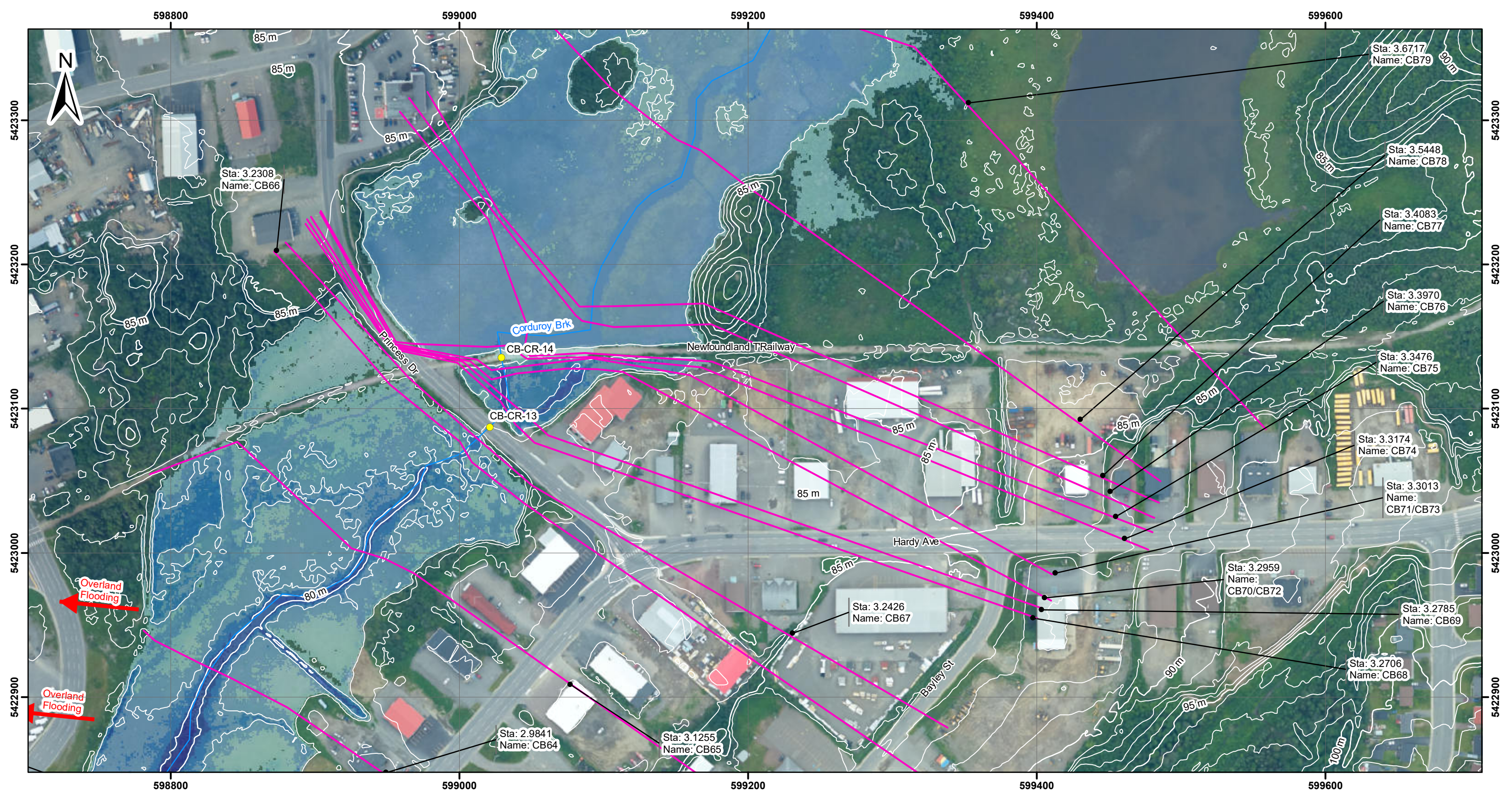
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 15 of 61





**Legend**

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

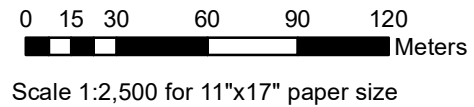
Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

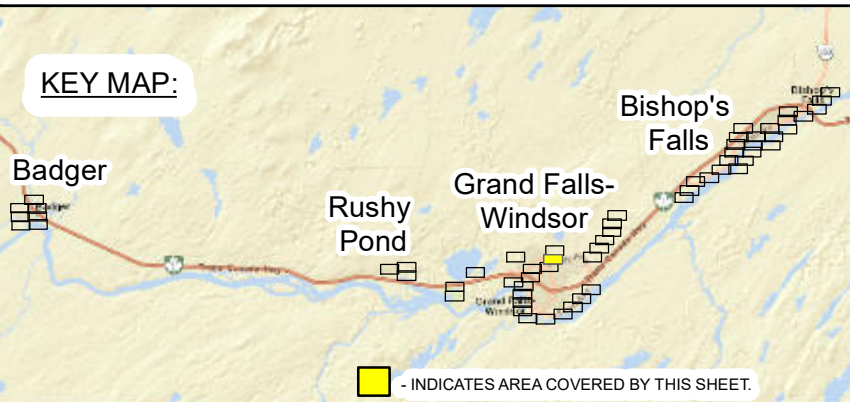
Cross Sections

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**KEY MAP:**



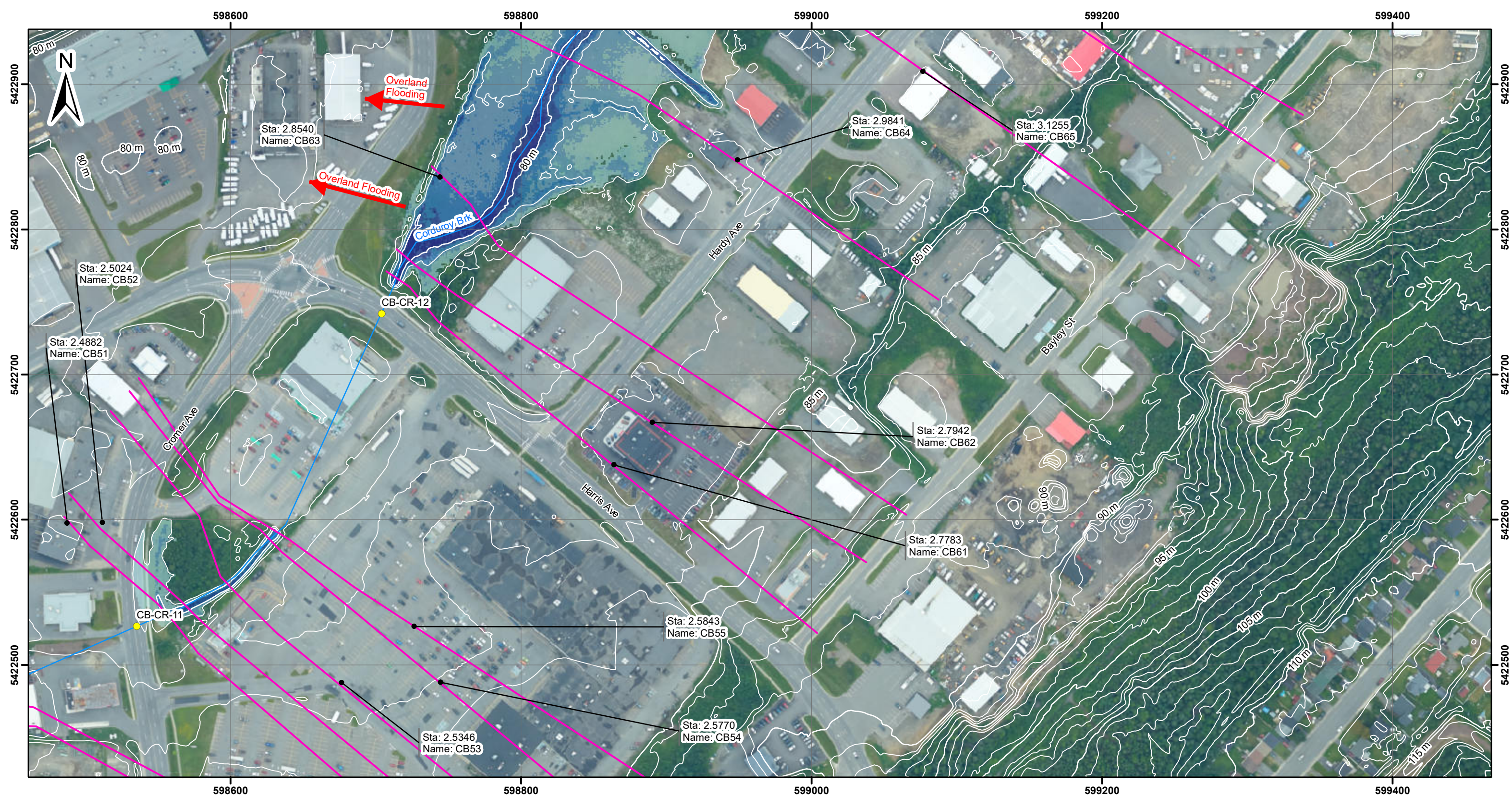
**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

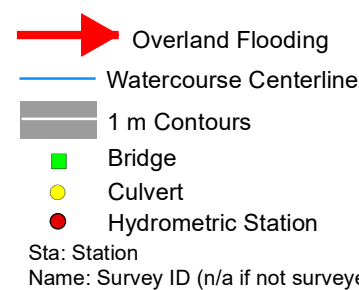
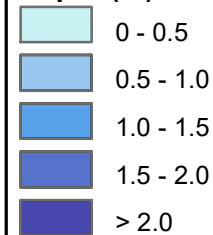
|                     |               |
|---------------------|---------------|
| DATE: 5/17/2021     | Page 16 of 61 |
| PROJECT #: H-358566 |               |





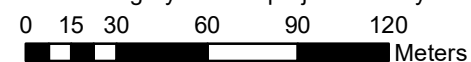
## Legend

### Inundation Depth (m)



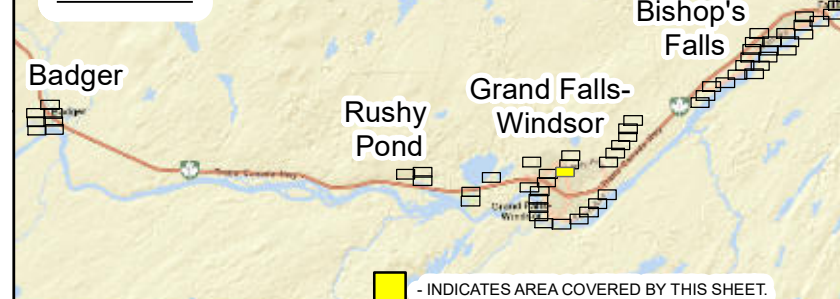
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Scale 1:2,500 for 11"x17" paper size

### KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

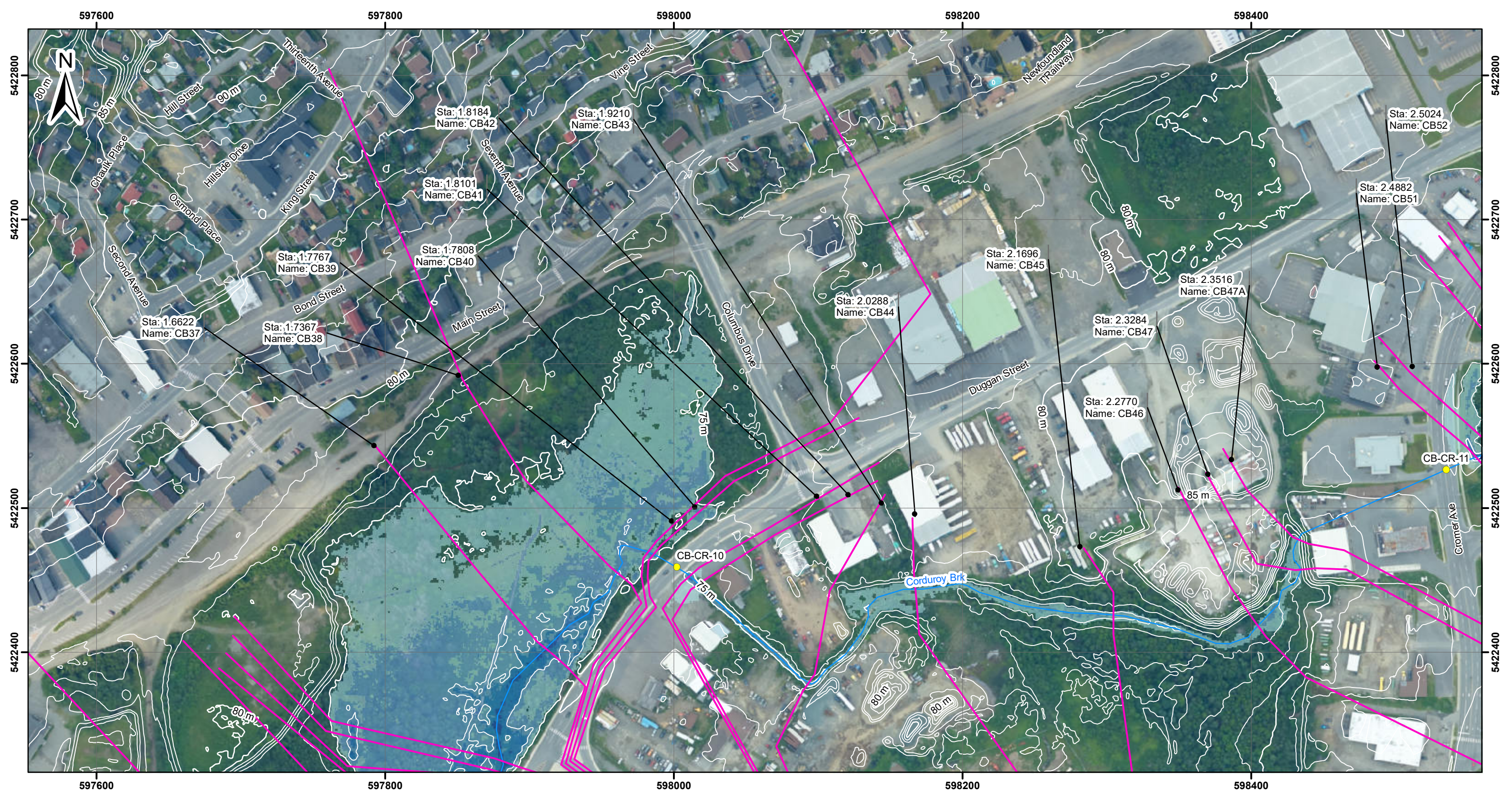
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 17 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

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0 15 30 60 90 120

Meters

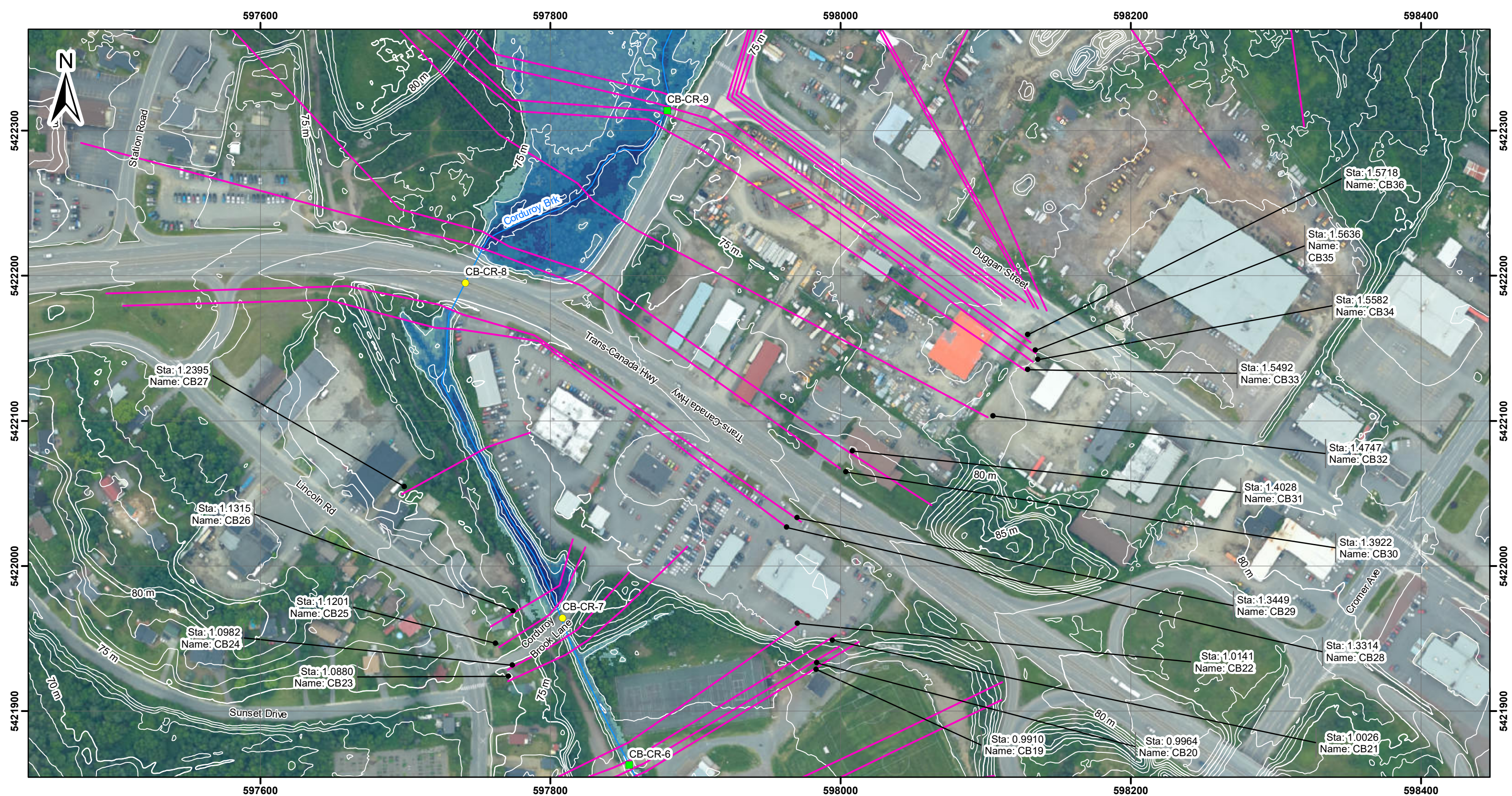
Scale 1:2,500 for 11"x17" paper size

### KEY MAP:

**WATER RESOURCES MANAGEMENT DIVISION**  
EXPLOITS RIVER FLOOD RISK MAPPING STUDY  
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP  
DATE: 5/17/2021  
PROJECT #: H-358566

Page 18 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

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0 15 30 60 90 120

Meters

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

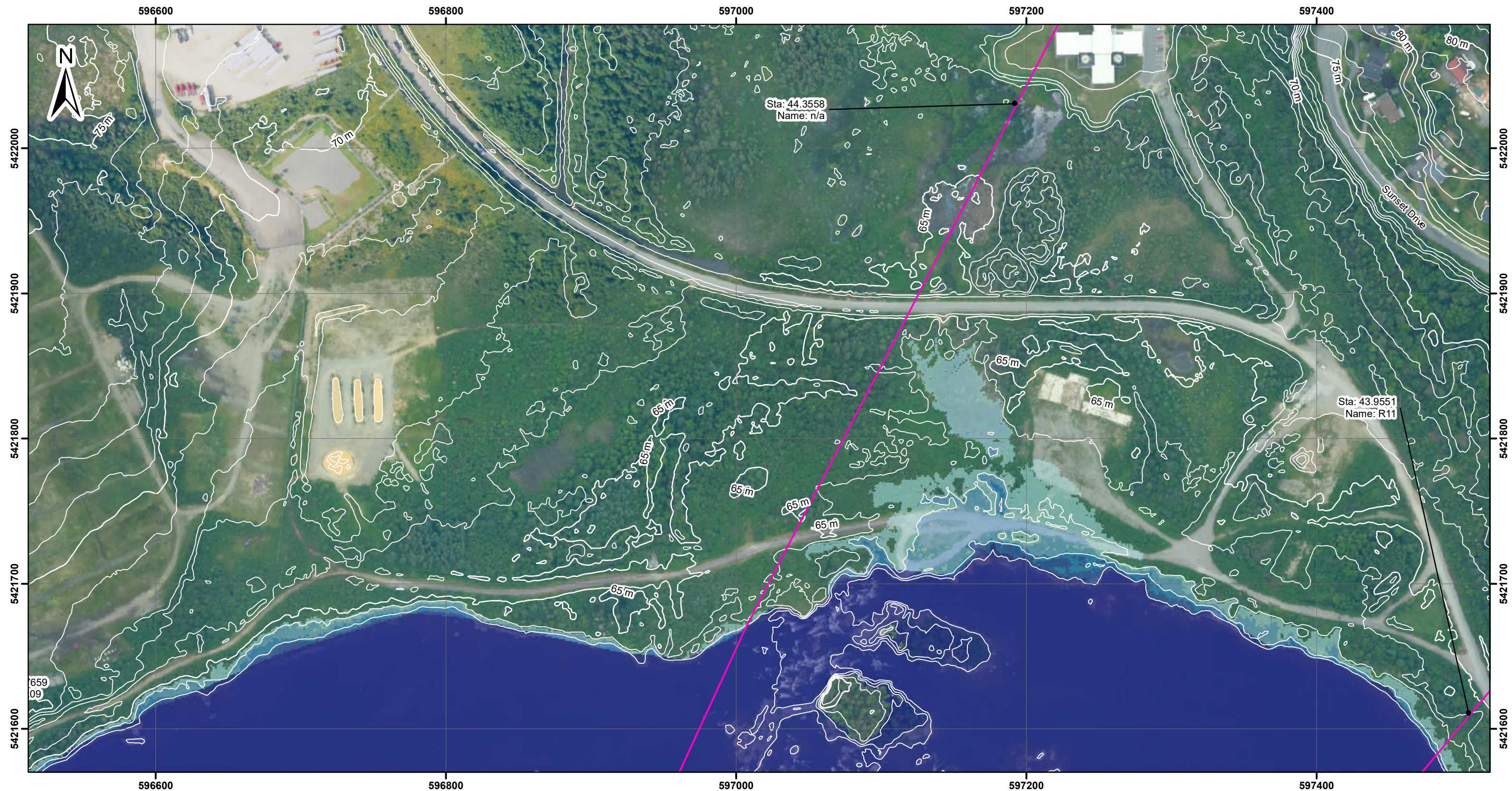
### KEY MAP:

**WATER RESOURCES MANAGEMENT DIVISION**  
EXPLOITS RIVER FLOOD RISK MAPPING STUDY  
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021  
PROJECT #: H-358566

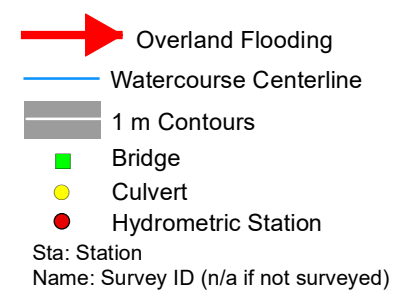
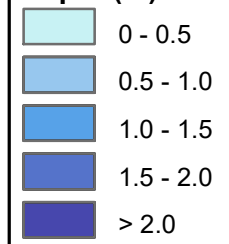
Page 19 of 61





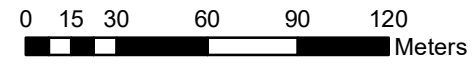
**Legend**

**Inundation Depth (m)**



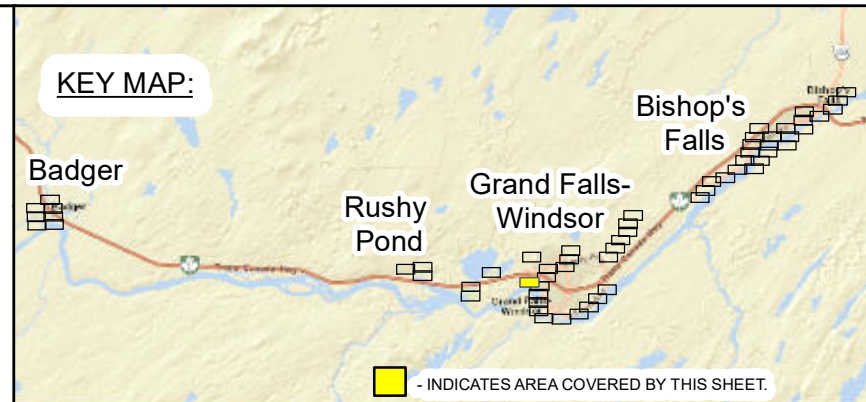
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Scale 1:2,500 for 11"x17" paper size

**KEY MAP:**





**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

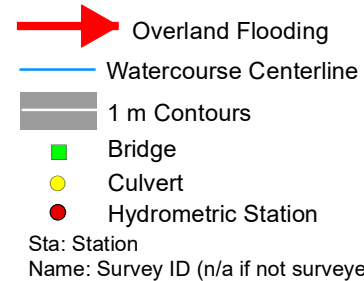
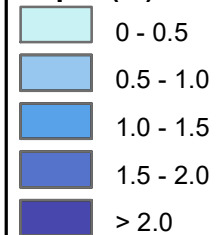
Page 20 of 61





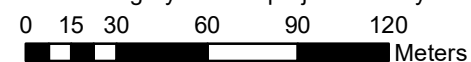
**Legend**

**Inundation Depth (m)**



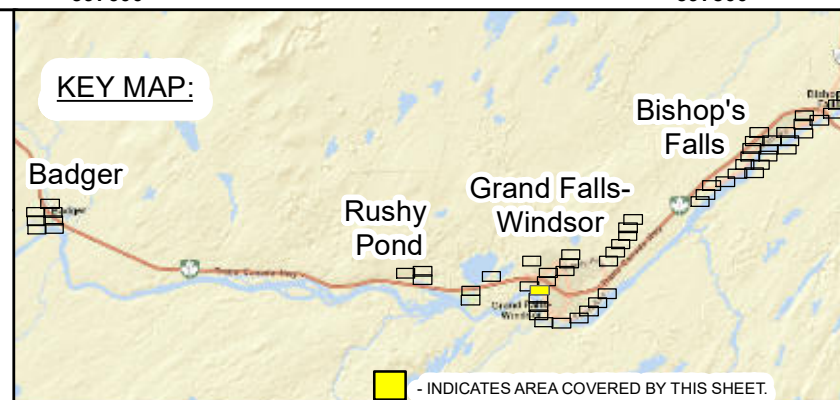
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**KEY MAP:**





**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

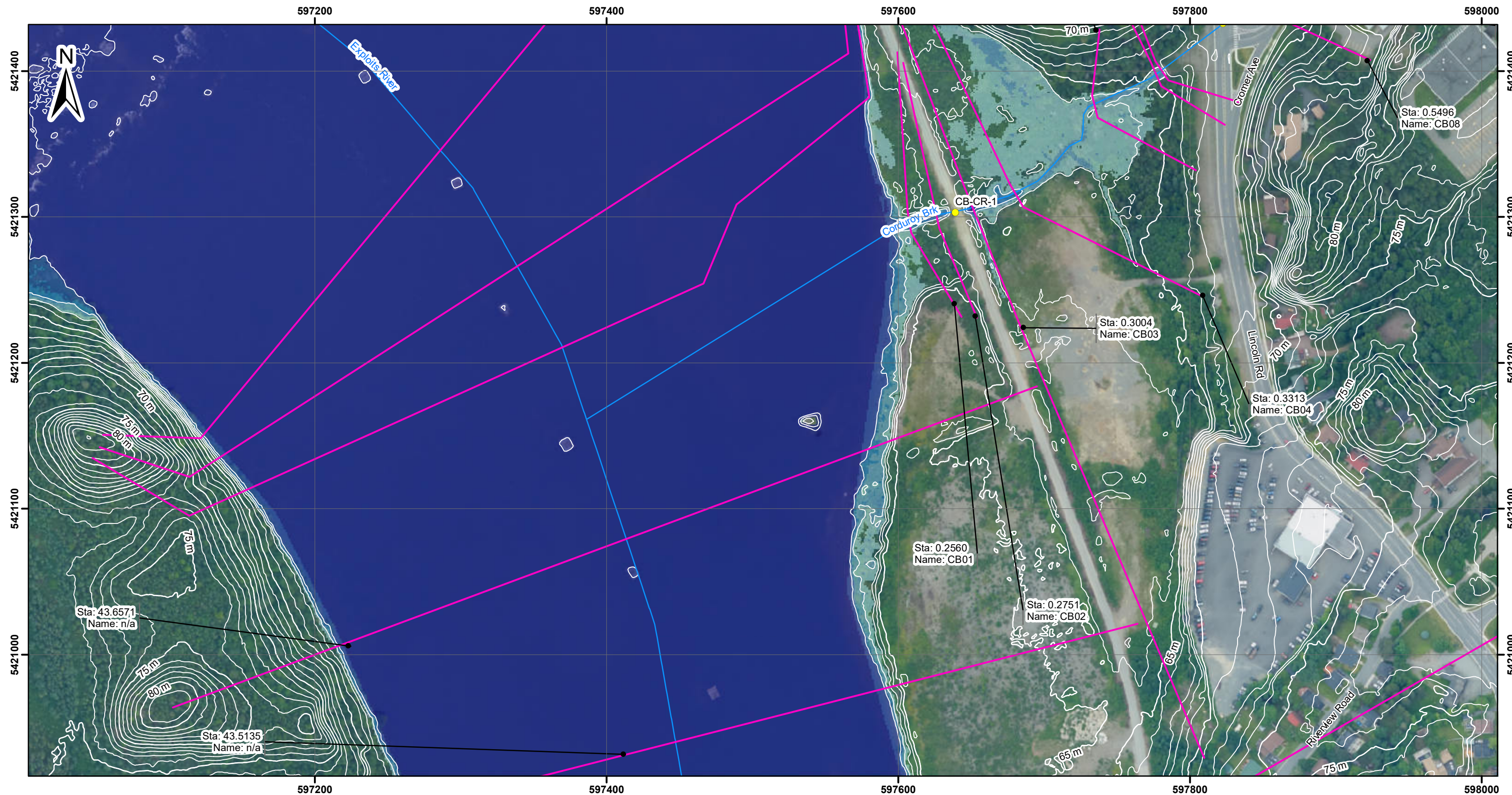
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 21 of 61





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

**Overland Flooding**

**Watercourse Centerline**

**1 m Contours**

**Bridge**

**Culvert**

**Hydrometric Station**

**Sta: Station**  
**Name: Survey ID (n/a if not surveyed)**

**Cross Sections**

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

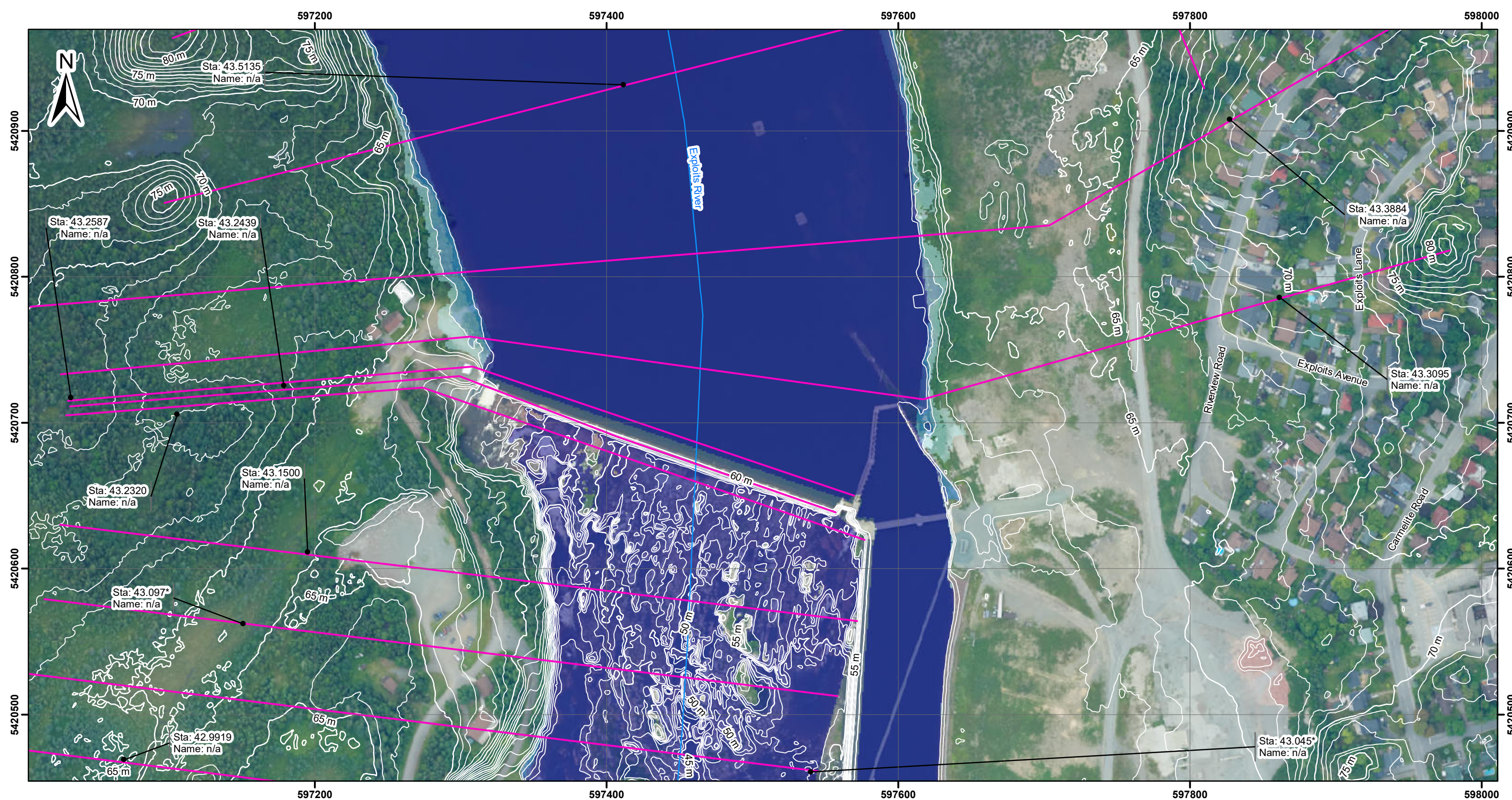
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 22 of 61





**Legend**

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
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Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

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0 15 30 60 90 120

Meters

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

**KEY MAP:**

- INDICATES AREA COVERED BY THIS SHEET.

**HATCH**

Newfoundland  
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

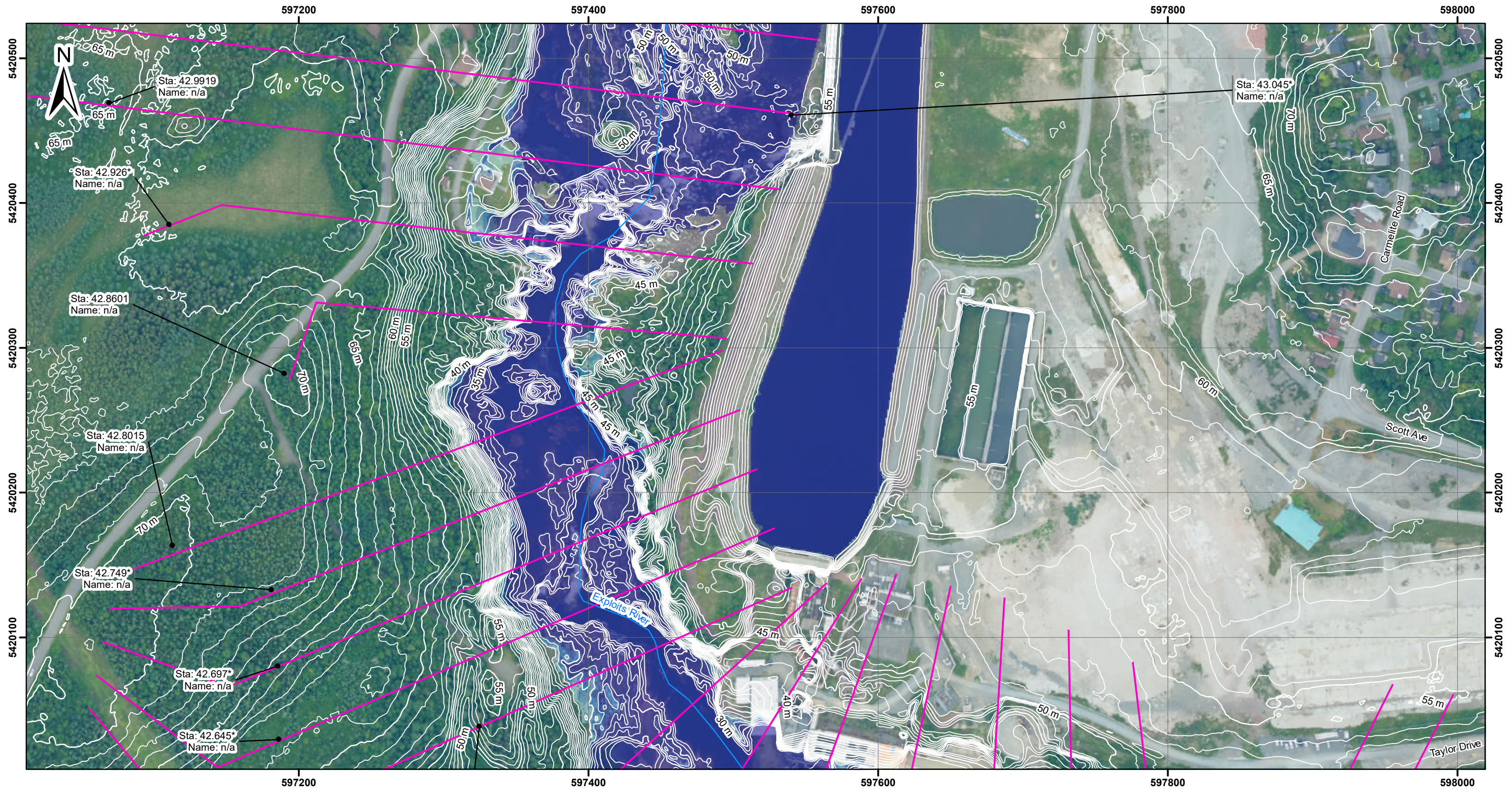
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

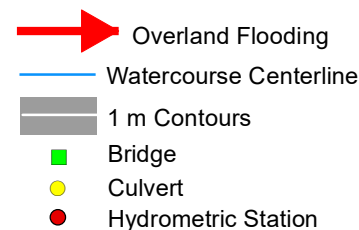
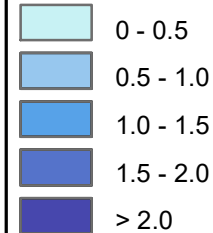
Page 23 of 61





### Legend

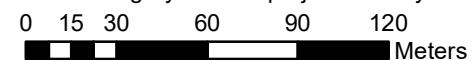
#### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

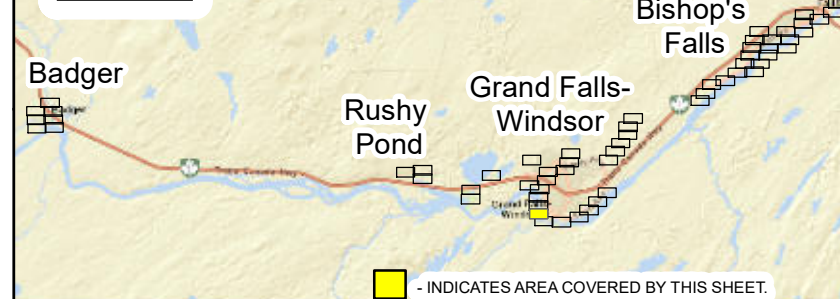
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#### KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

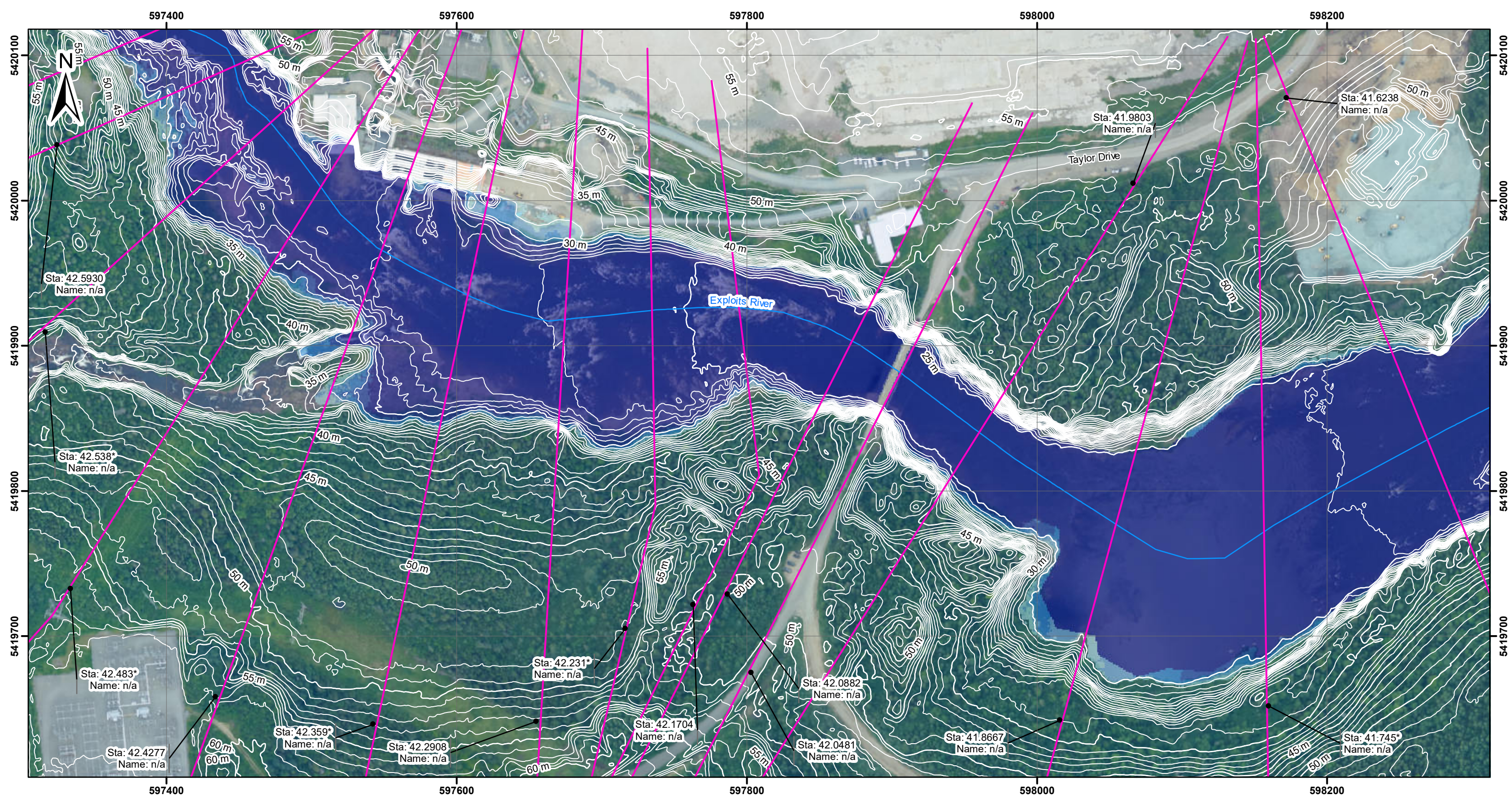
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

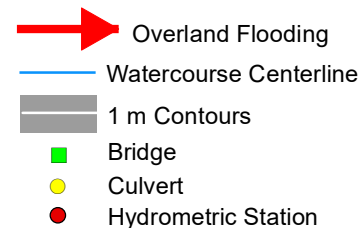
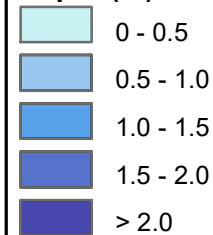
Page 24 of 61





## Legend

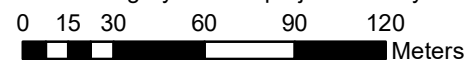
### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

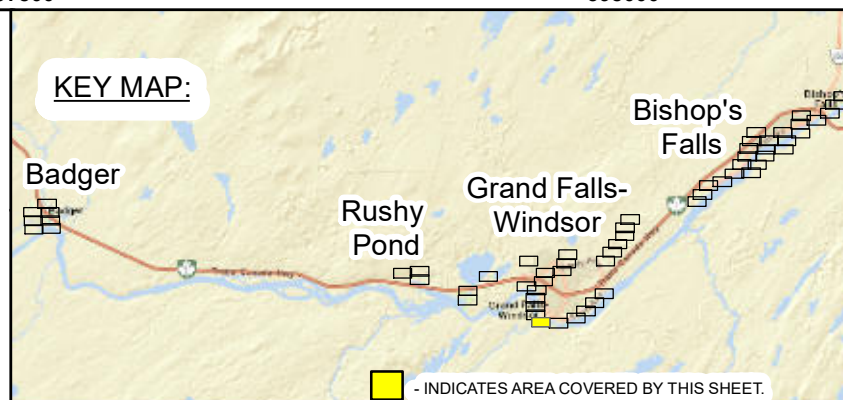
### NOTES:

- 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.
- 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.



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

### KEY MAP:



## WATER RESOURCES MANAGEMENT DIVISION

### EXPLOITS RIVER FLOOD RISK MAPPING STUDY

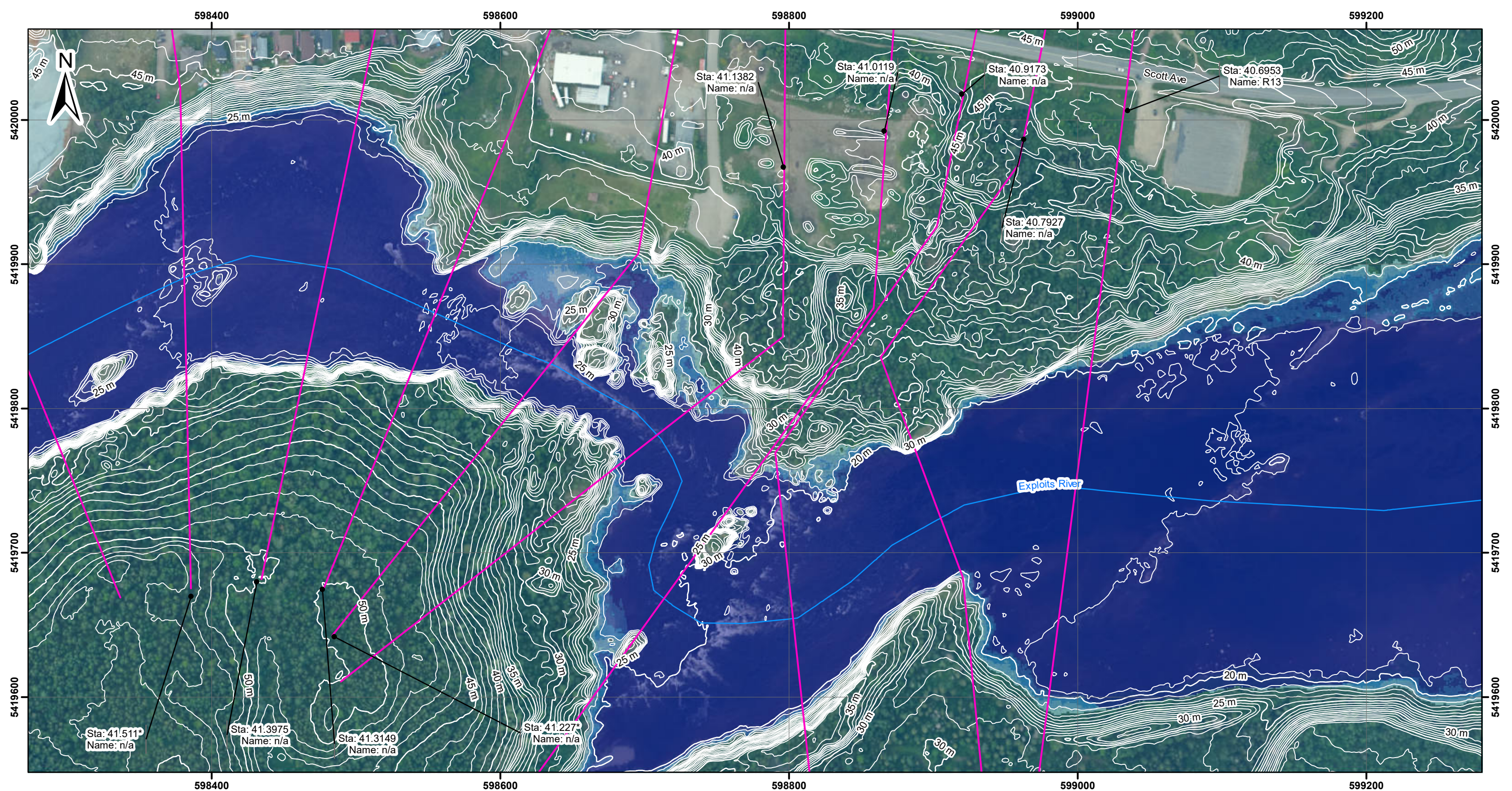
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

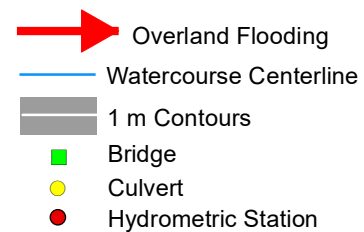
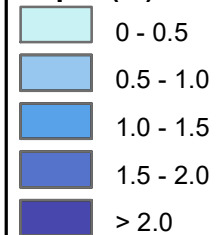
Page 25 of 61





**Legend**

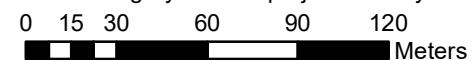
**Inundation Depth (m)**



Sta: Station  
Name: Survey ID (n/a if not surveyed)

NOTES:

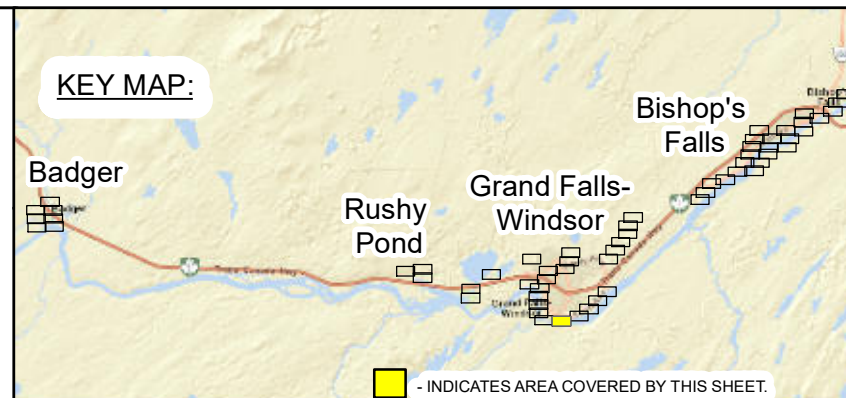
1. Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.
2. Lidar data by Leading Edge Geomatics Aug. 15-16, 2019.
3. Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.
4. Topographic map and world imagery outside project area by ESRI.



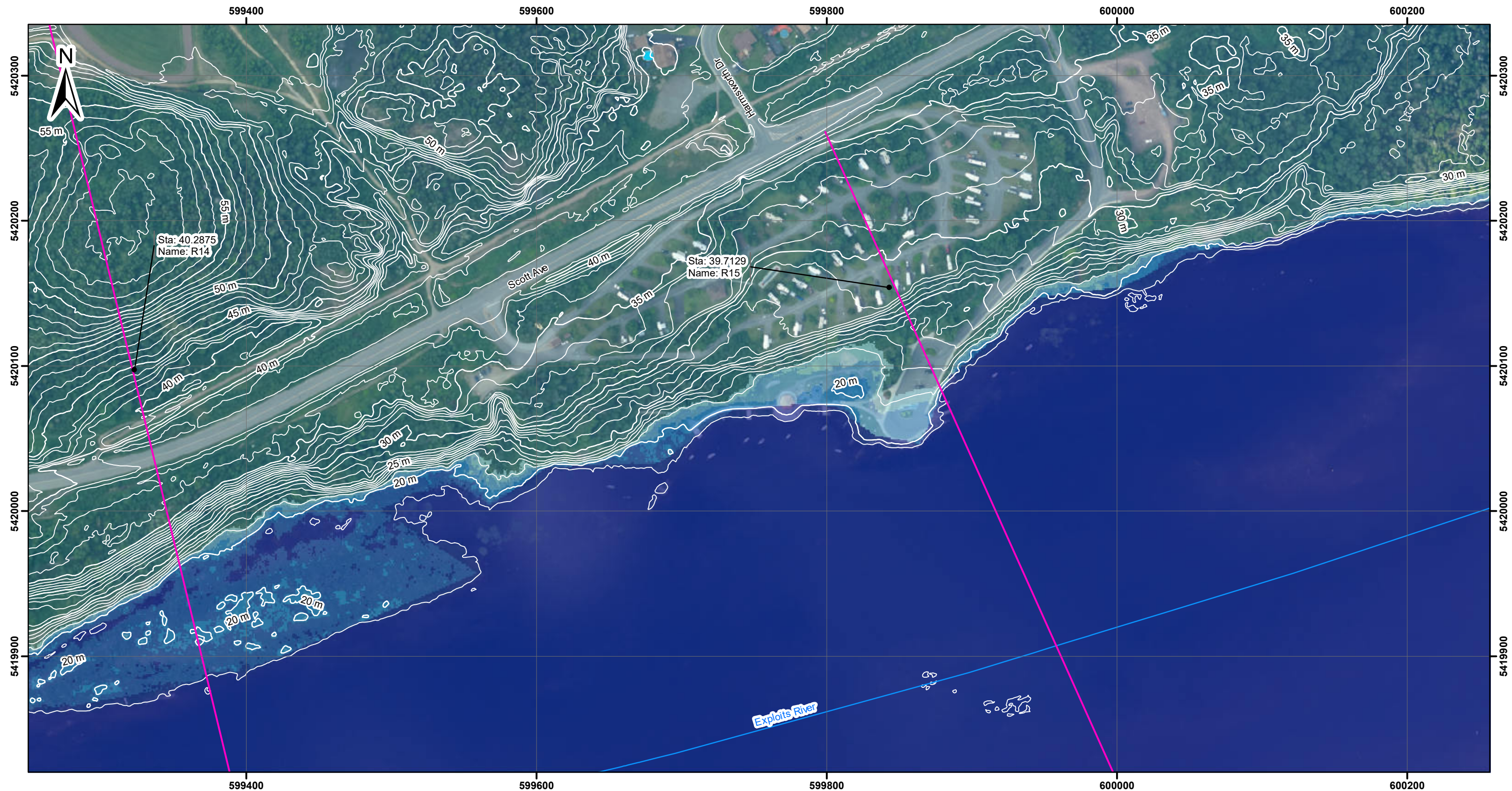
Scale 1:2,500 for 11"x17" paper size

Cross Sections

KEY MAP:







**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

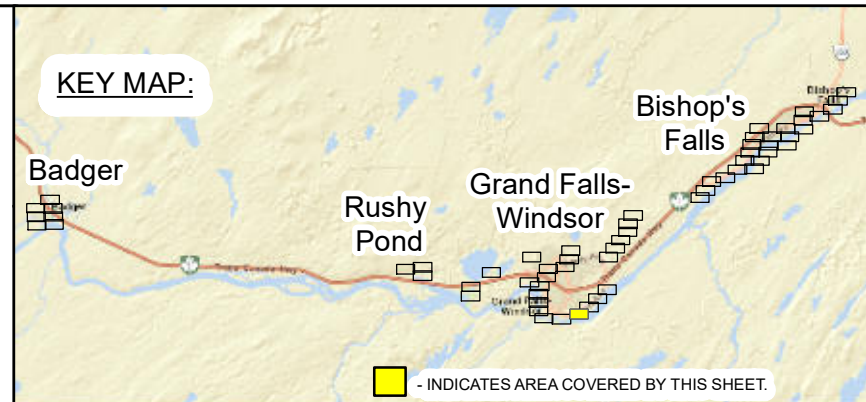
Cross Sections

**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.

0 15 30 60 90 120 Meters

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



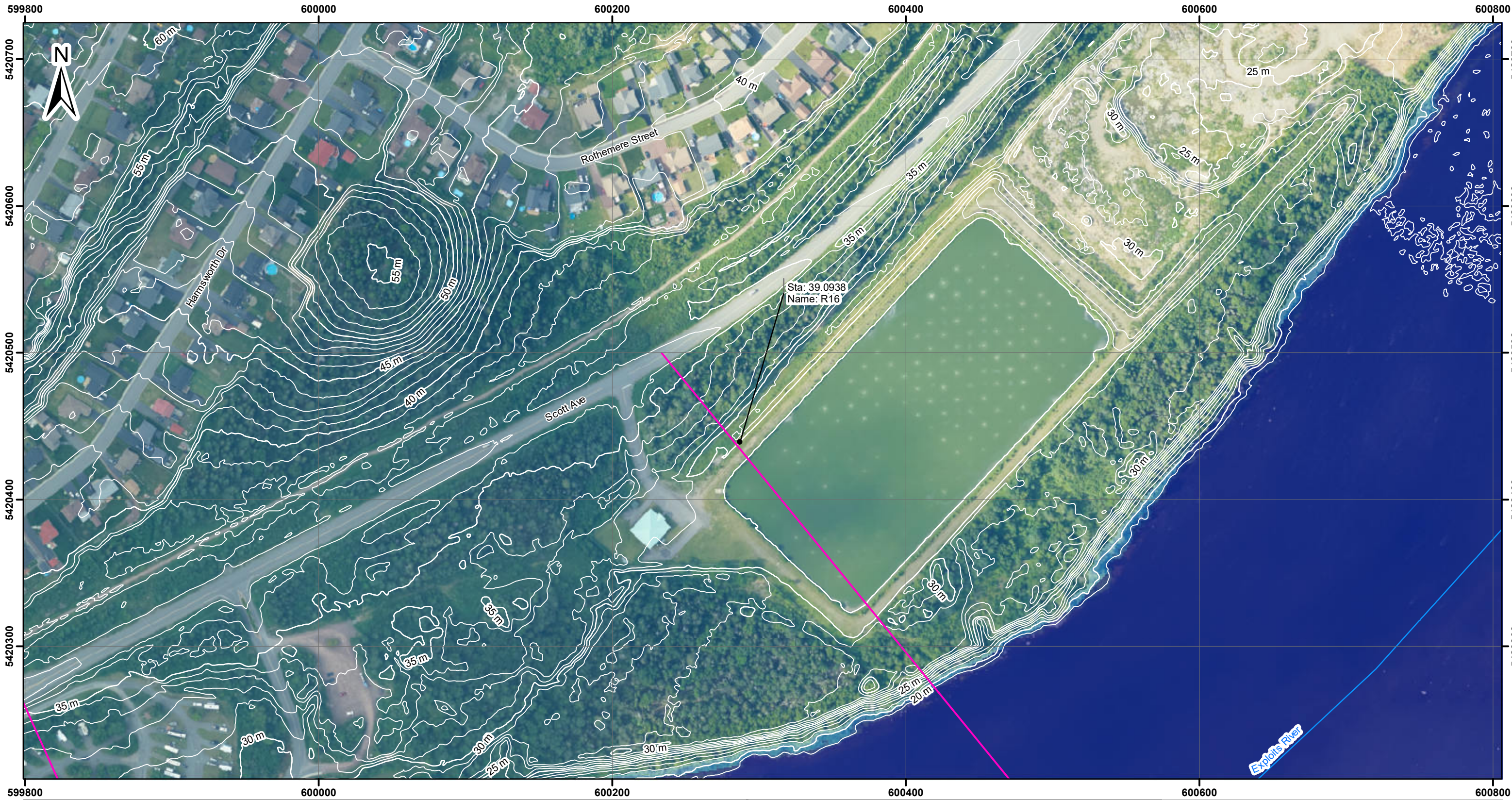
**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

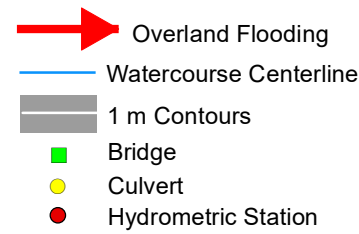
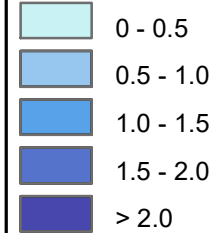
|                     |               |
|---------------------|---------------|
| DATE: 5/17/2021     | Page 27 of 61 |
| PROJECT #: H-358566 |               |





**Legend**

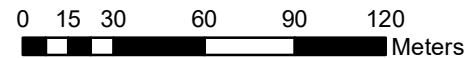
**Inundation Depth (m)**



Sta: Station  
Name: Survey ID (n/a if not surveyed)

**NOTES:**

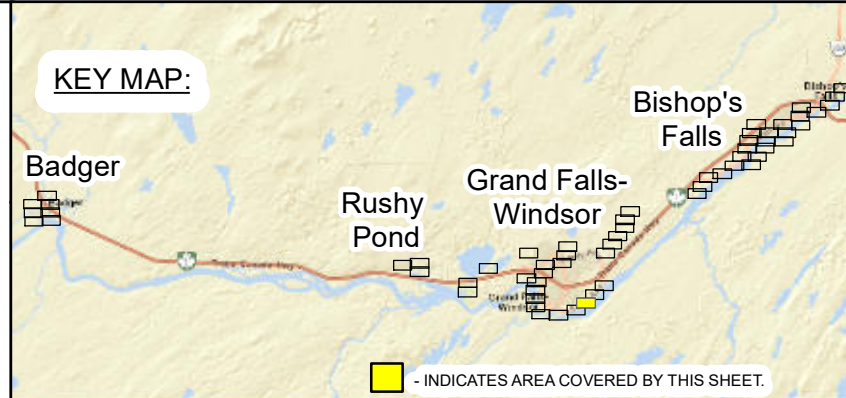
1. Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.
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3. Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.
4. Topographic map and world imagery outside project area by ESRI.



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 #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 28 of 61





### Legend

**Inundation Depth (m)**

|                |           |
|----------------|-----------|
| Light Blue     | 0 - 0.5   |
| Medium Blue    | 0.5 - 1.0 |
| Dark Blue      | 1.0 - 1.5 |
| Very Dark Blue | 1.5 - 2.0 |
| Dark Purple    | > 2.0     |

**Other Symbols:**

- Red Arrow: Overland Flooding
- Blue Line: Watercourse Centerline
- Grey Line: 1 m Contours
- Green Square: Bridge
- Yellow Circle: Culvert
- Red Dot: Hydrometric Station
- Black Dot: Sta: Station
- Pink Line: Cross Sections

Name: Survey ID (n/a if not surveyed)

**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.

0 15 30 60 90 120 Meters

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

**KEY MAP:**

Badger, Rushy Pond, Grand Falls-Windsor, Bishop's Falls

INDICATES AREA COVERED BY THIS SHEET.

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

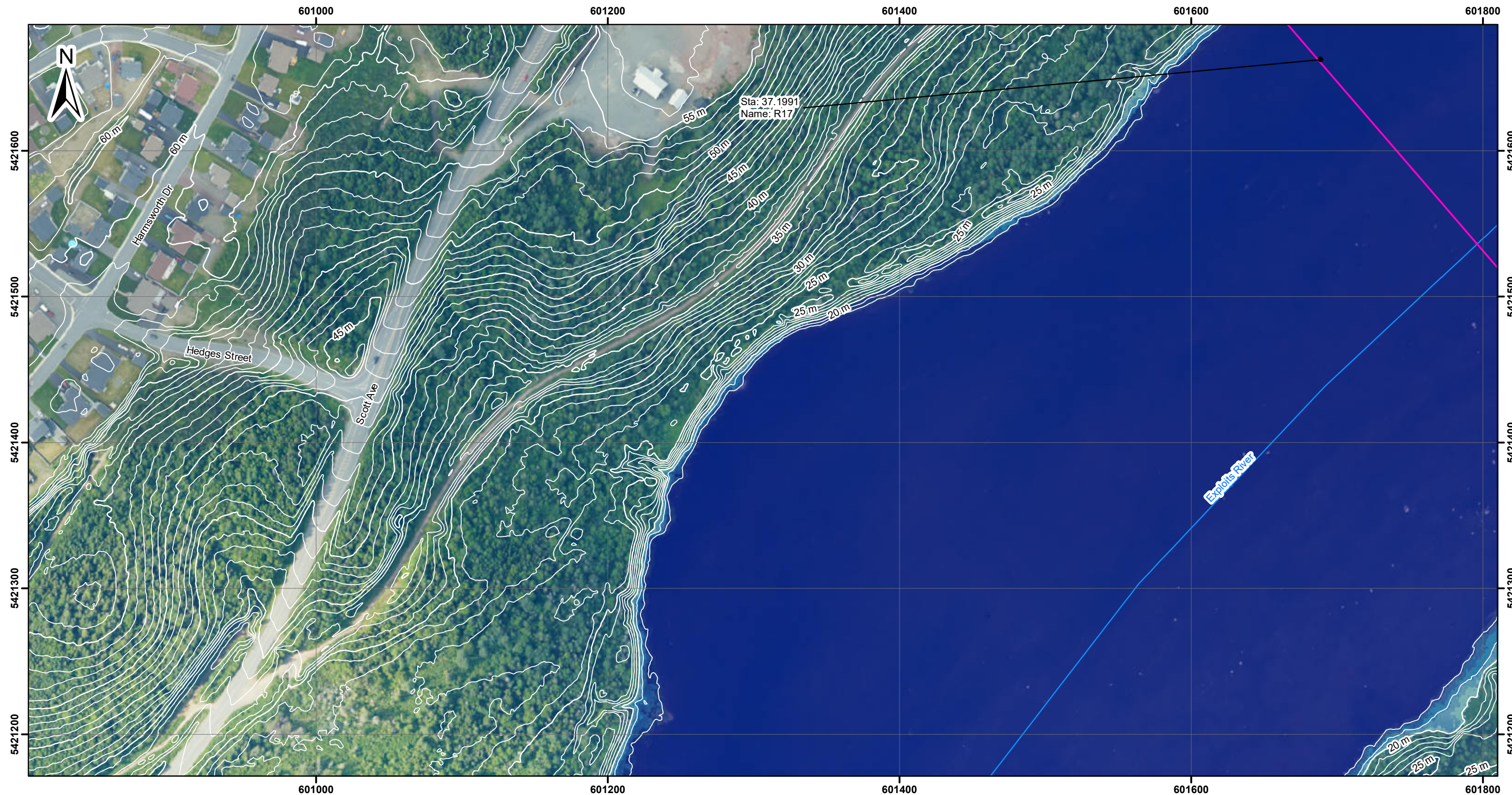
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 29 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

### NOTES:

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- Topographic map and world imagery outside project area by ESRI.

015306090120

Meters

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

### KEY MAP:

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

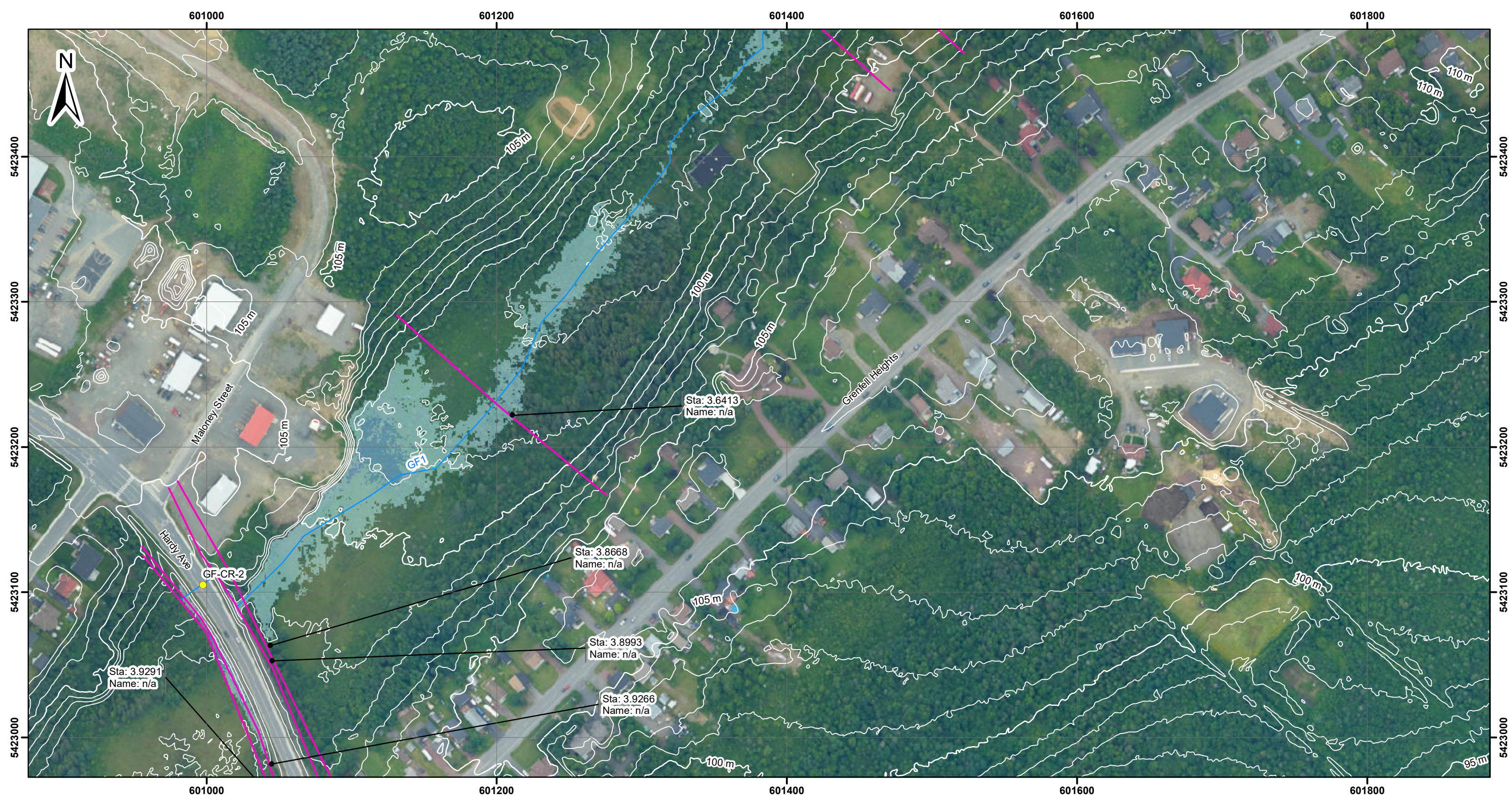
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 30 of 61





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

**Overland Flooding**  
**Watercourse Centerline**  
**1 m Contours**  
**Bridge**  
**Culvert**  
**Hydrometric Station**  

Sta: Station  
Name: Survey ID (n/a if not surveyed)

**Cross Sections**

**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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- Topographic map and world imagery outside project area by ESRI.

015306090120

Meters

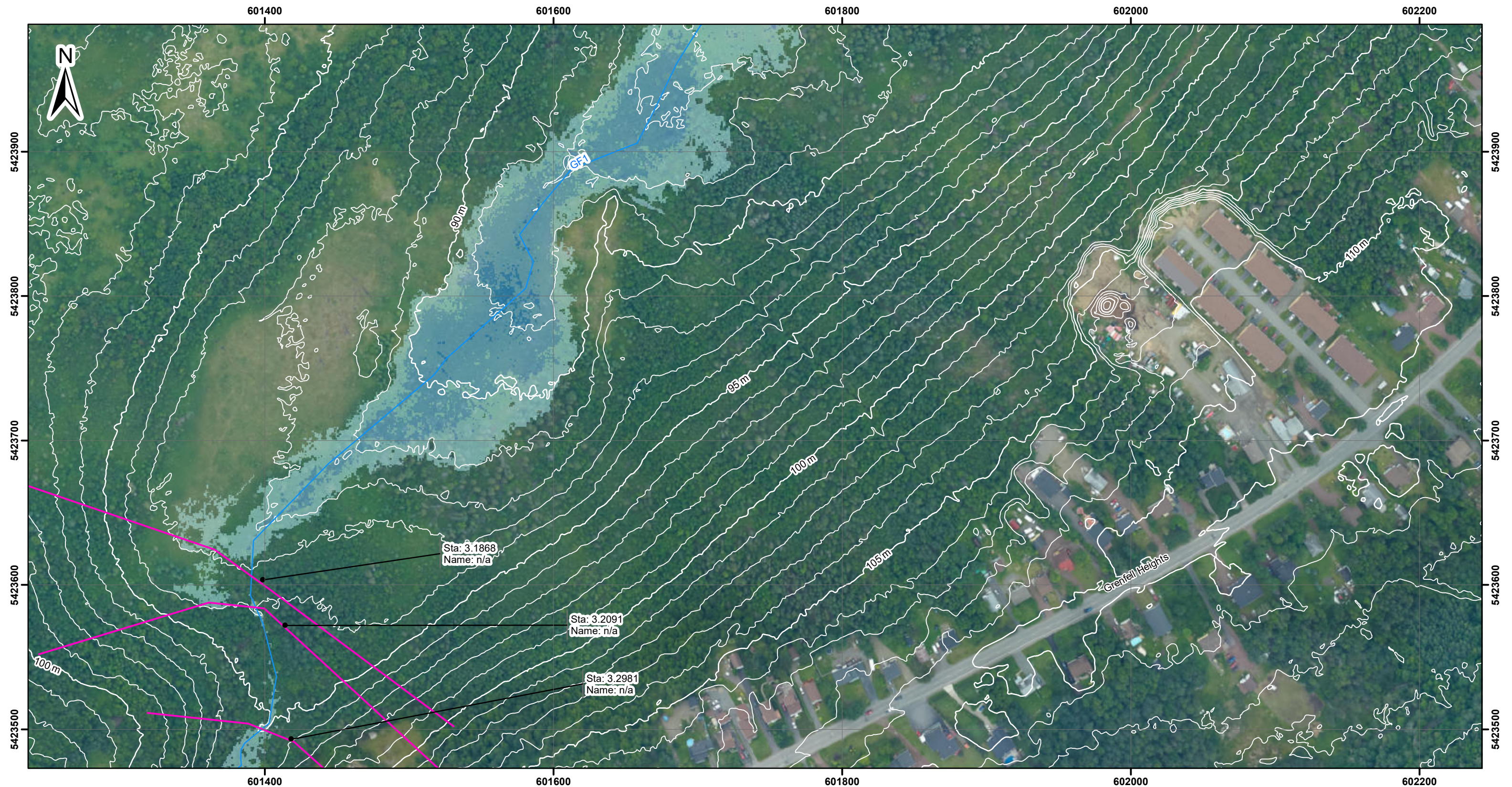
Scale 1:2,500 for 11"x17" paper size

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**  
EXPLOITS RIVER FLOOD RISK MAPPING STUDY  
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP  
DATE: 5/17/2021  
PROJECT #: H-358566

Page 31 of 61





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

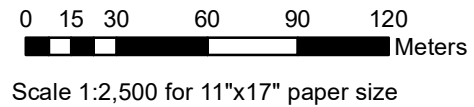
Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

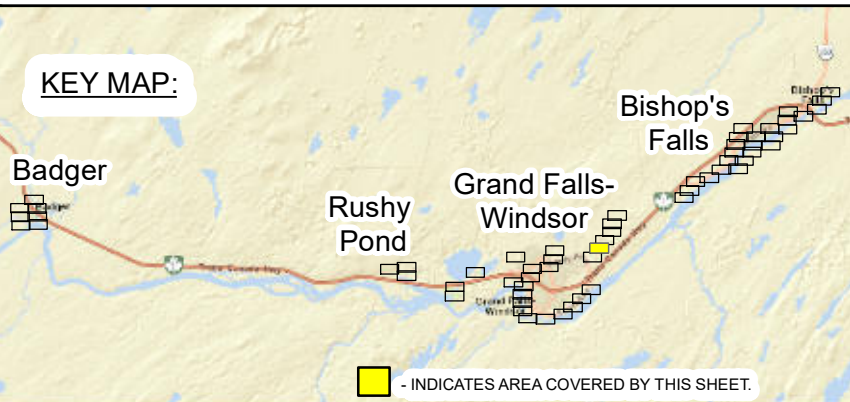
Cross Sections

**NOTES:**

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4. Topographic map and world imagery outside project area by ESRI.



**KEY MAP:**



**WATER RESOURCES MANAGEMENT DIVISION**

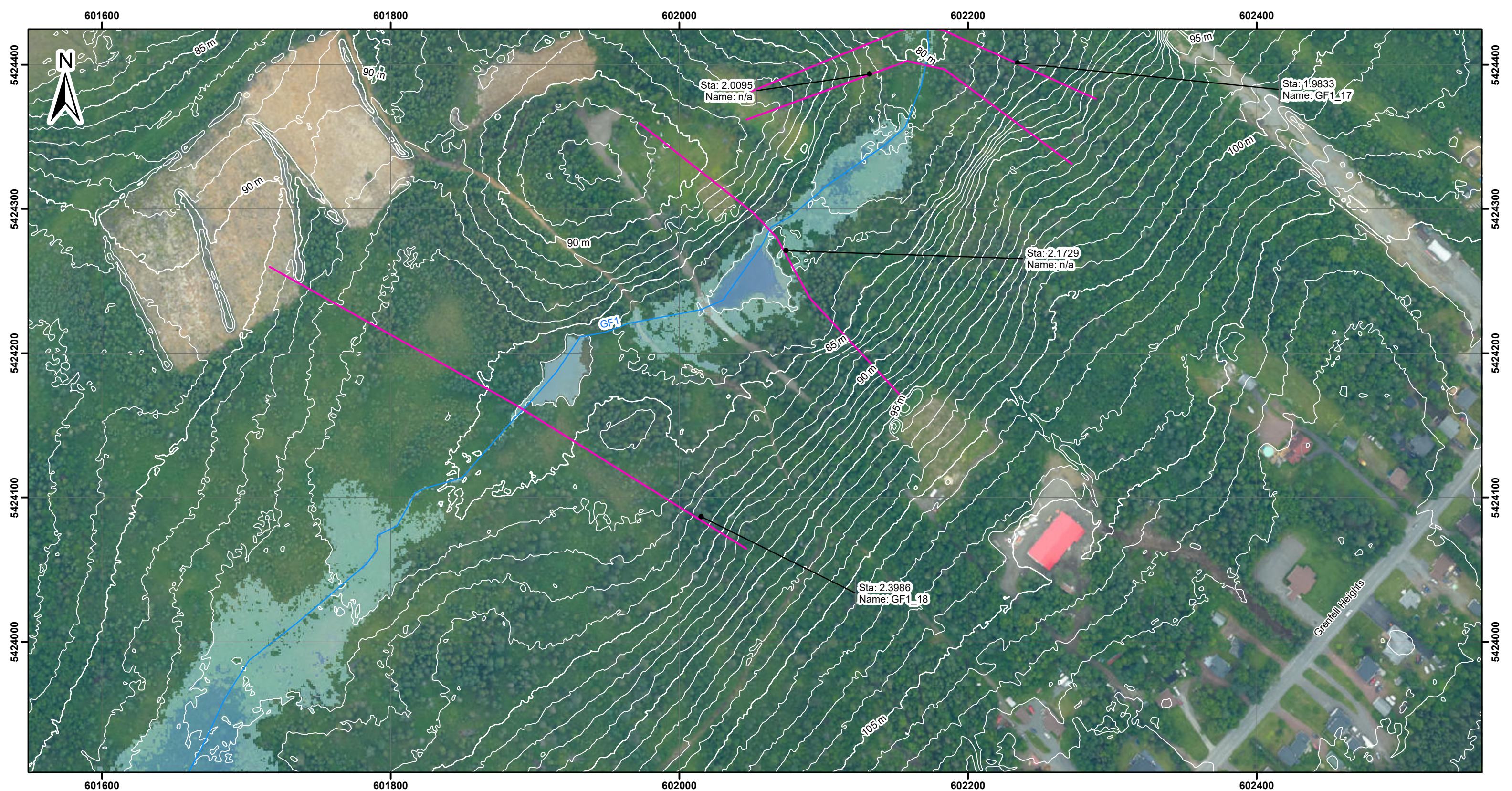
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

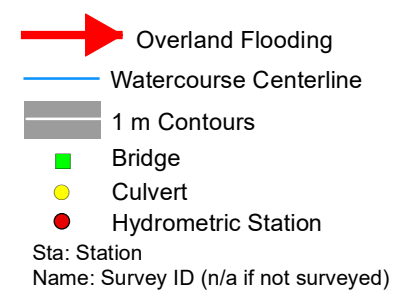
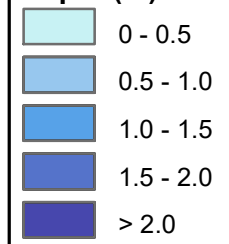
PROJECT #: H-358566





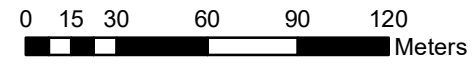
### Legend

#### Inundation Depth (m)



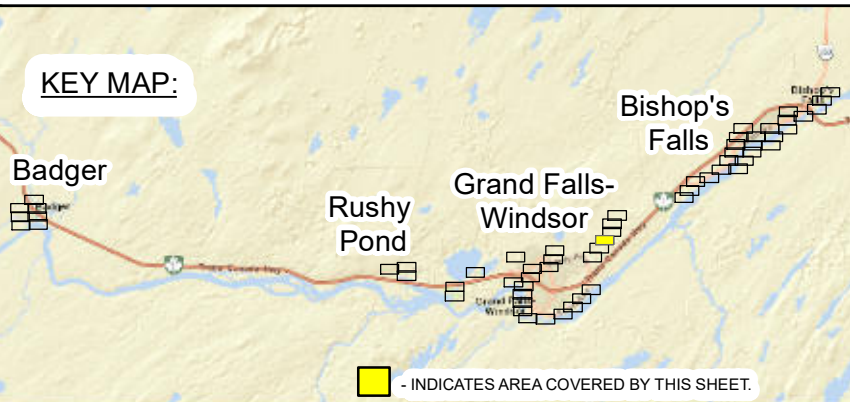
#### NOTES:

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

#### KEY MAP:



#### WATER RESOURCES MANAGEMENT DIVISION

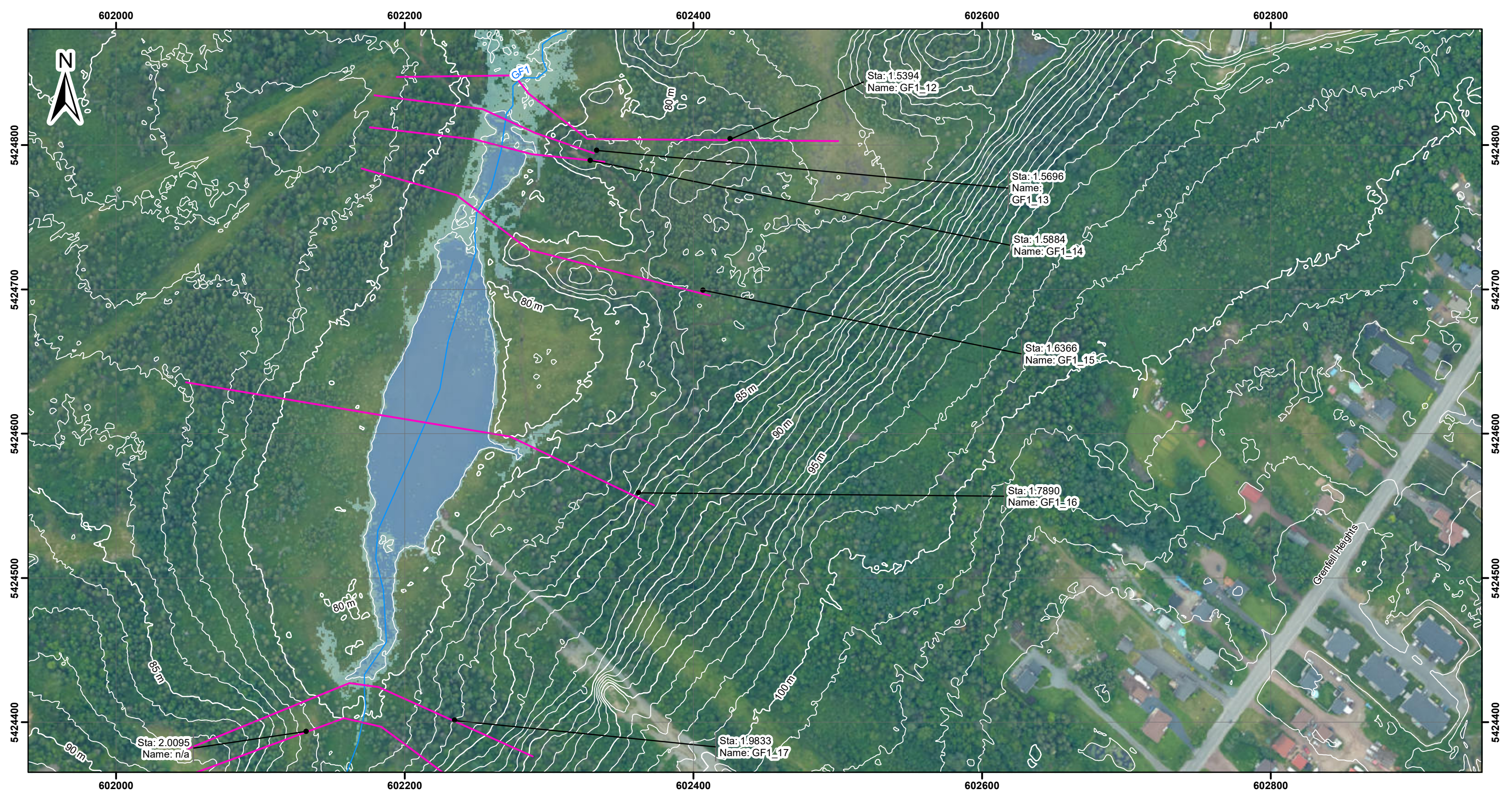
##### EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021  
PROJECT #: H-358566

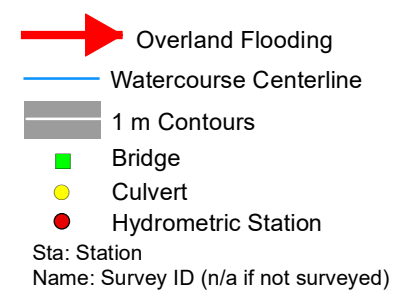
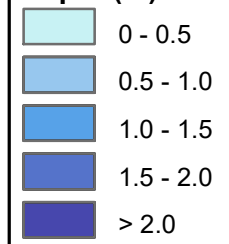
Page 33 of 61





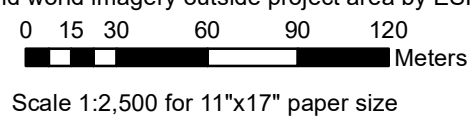
### Legend

#### Inundation Depth (m)

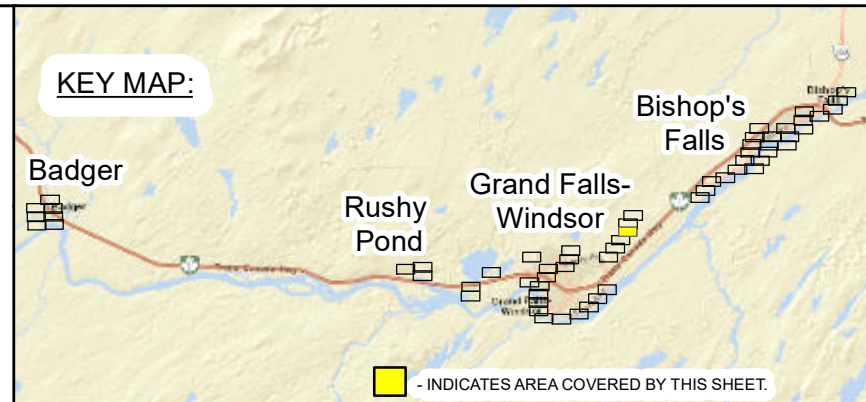


#### NOTES:

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- Topographic map and world imagery outside project area by ESRI.



#### KEY MAP:

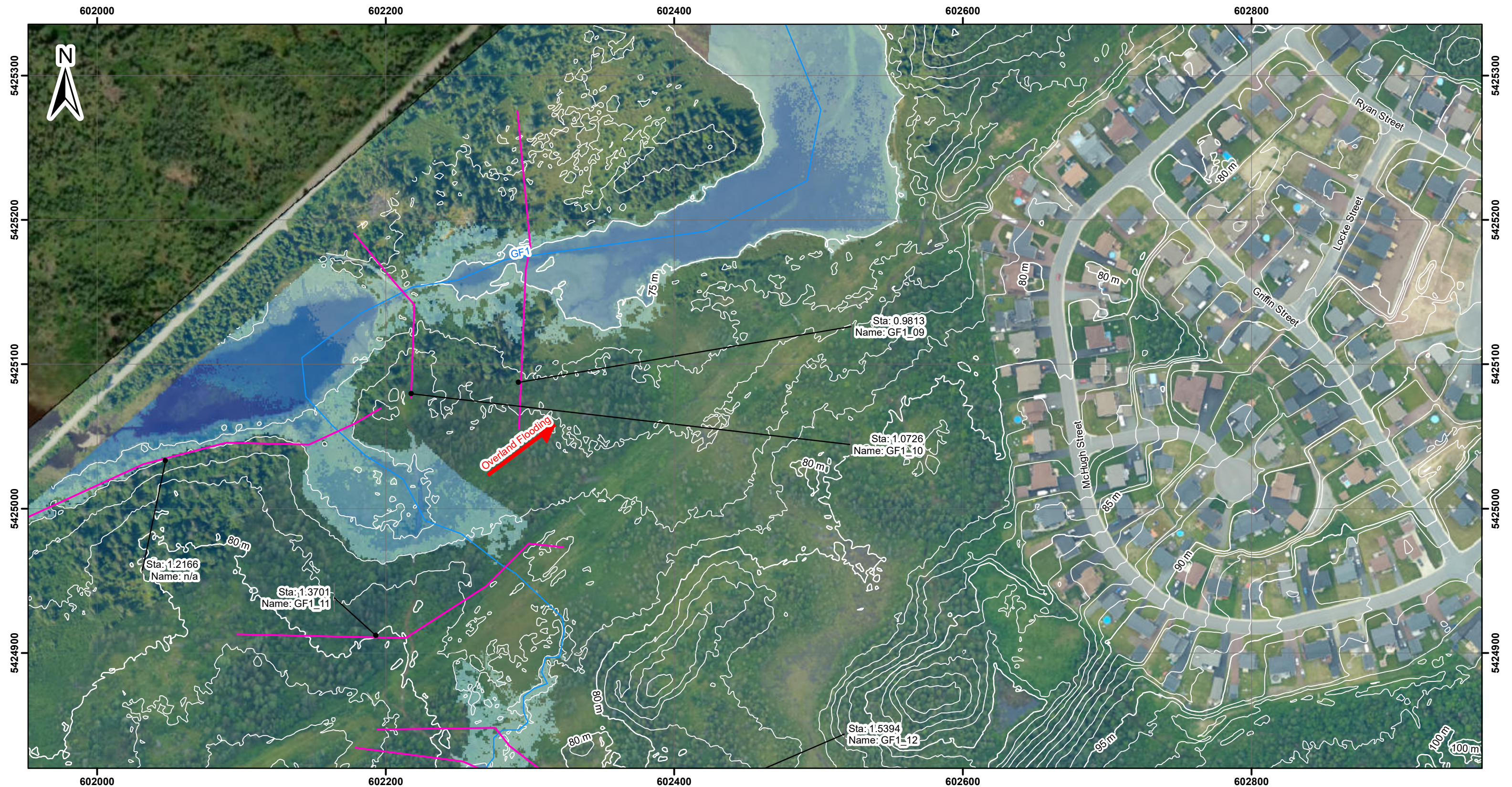


**WATER RESOURCES MANAGEMENT DIVISION**  
 EXPLOITS RIVER FLOOD RISK MAPPING STUDY  
 MAP SET #5  
 FLOOD INUNDATION MAP  
 1:20 AEP - CURRENT CLIMATE  
 DETAIL MAP

DATE: 5/17/2021  
 PROJECT #: H-358566

Page 34 of 61





**Legend**

**Inundation Depth (m)**

|                |           |
|----------------|-----------|
| [Light Blue]   | 0 - 0.5   |
| [Medium Blue]  | 0.5 - 1.0 |
| [Dark Blue]    | 1.0 - 1.5 |
| [Darkest Blue] | 1.5 - 2.0 |
| [Black]        | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

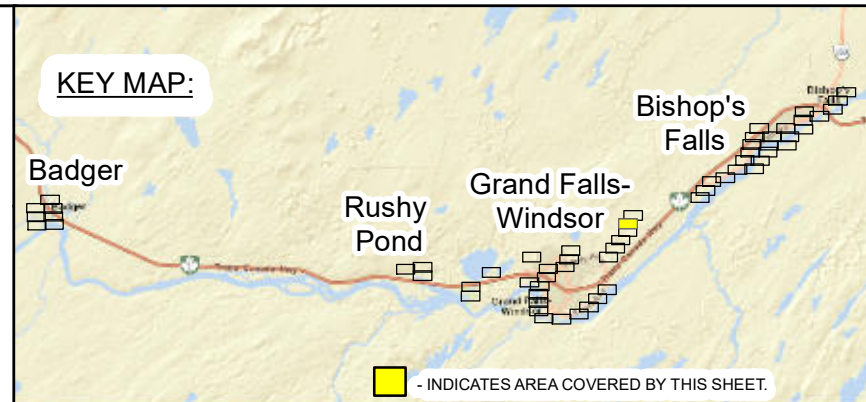
Cross Sections

**NOTES:**

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0 15 30 60 90 120 Meters

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



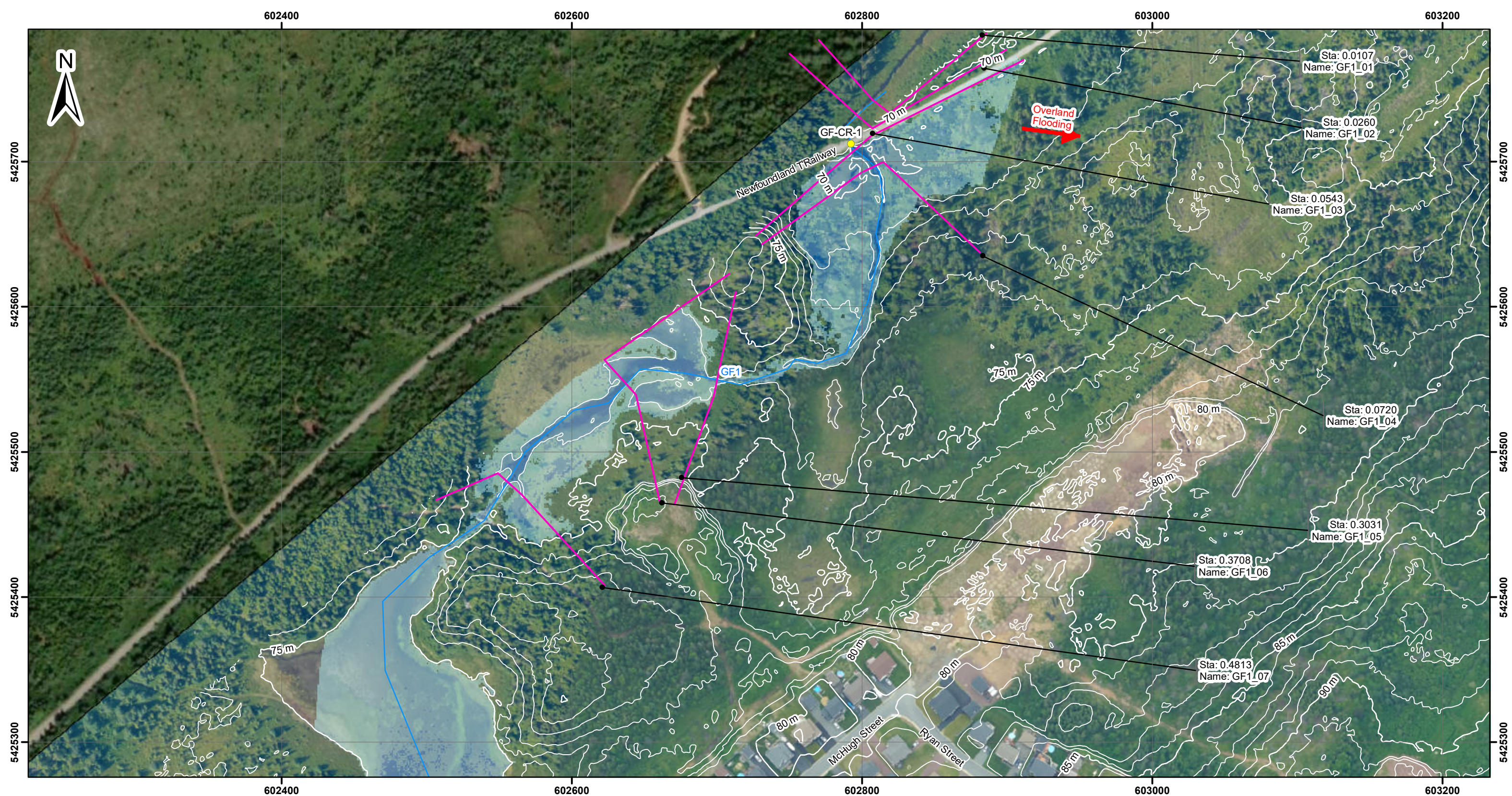
**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

|                     |               |
|---------------------|---------------|
| DATE: 5/17/2021     | Page 35 of 61 |
| PROJECT #: H-358566 |               |





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

**NOTES:**

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

- INDICATES AREA COVERED BY THIS SHEET.

**HATCH** Newfoundland Labrador

**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

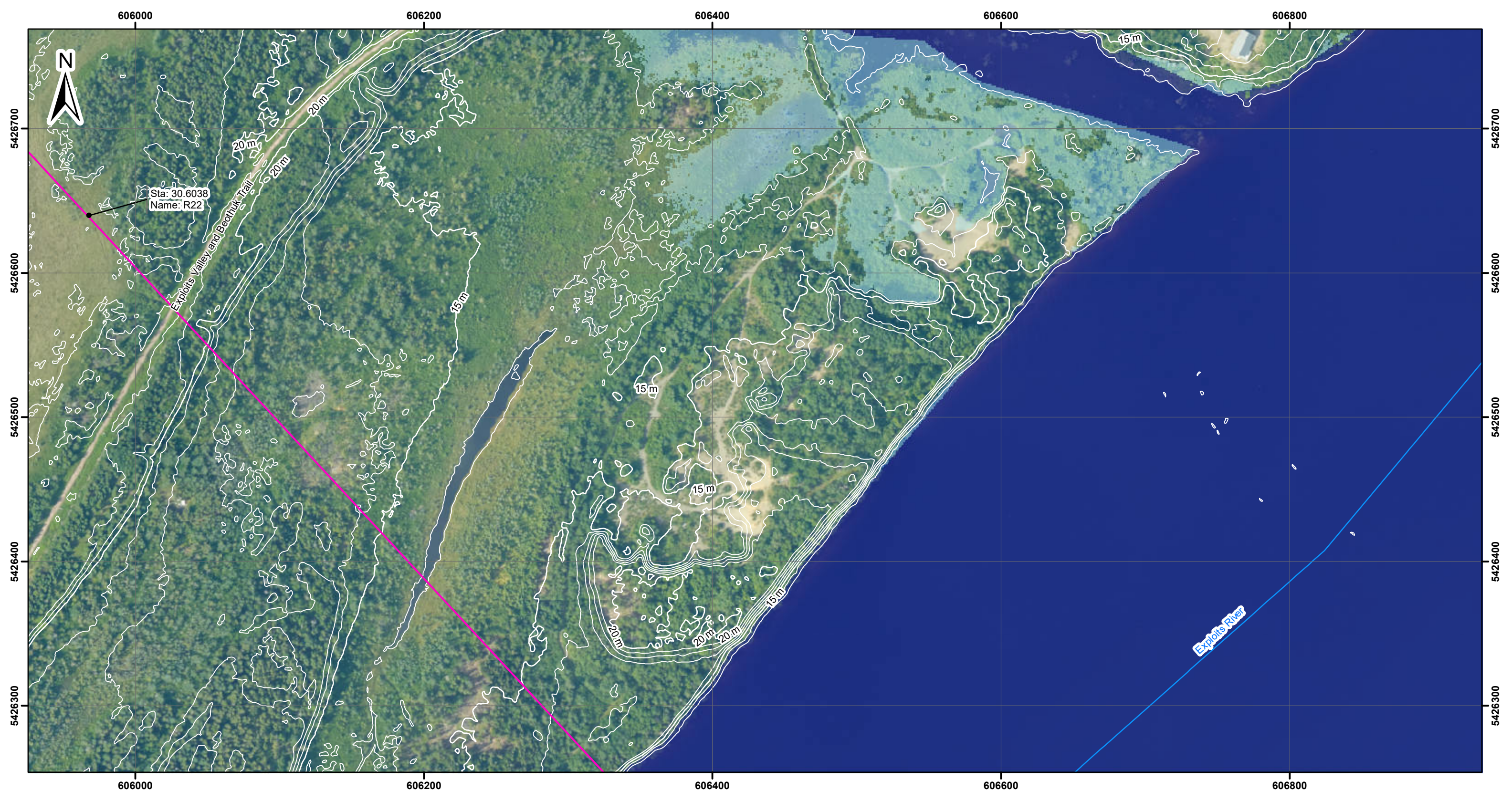
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 36 of 61





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

**Other Features:**

- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- Cross Sections

**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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0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

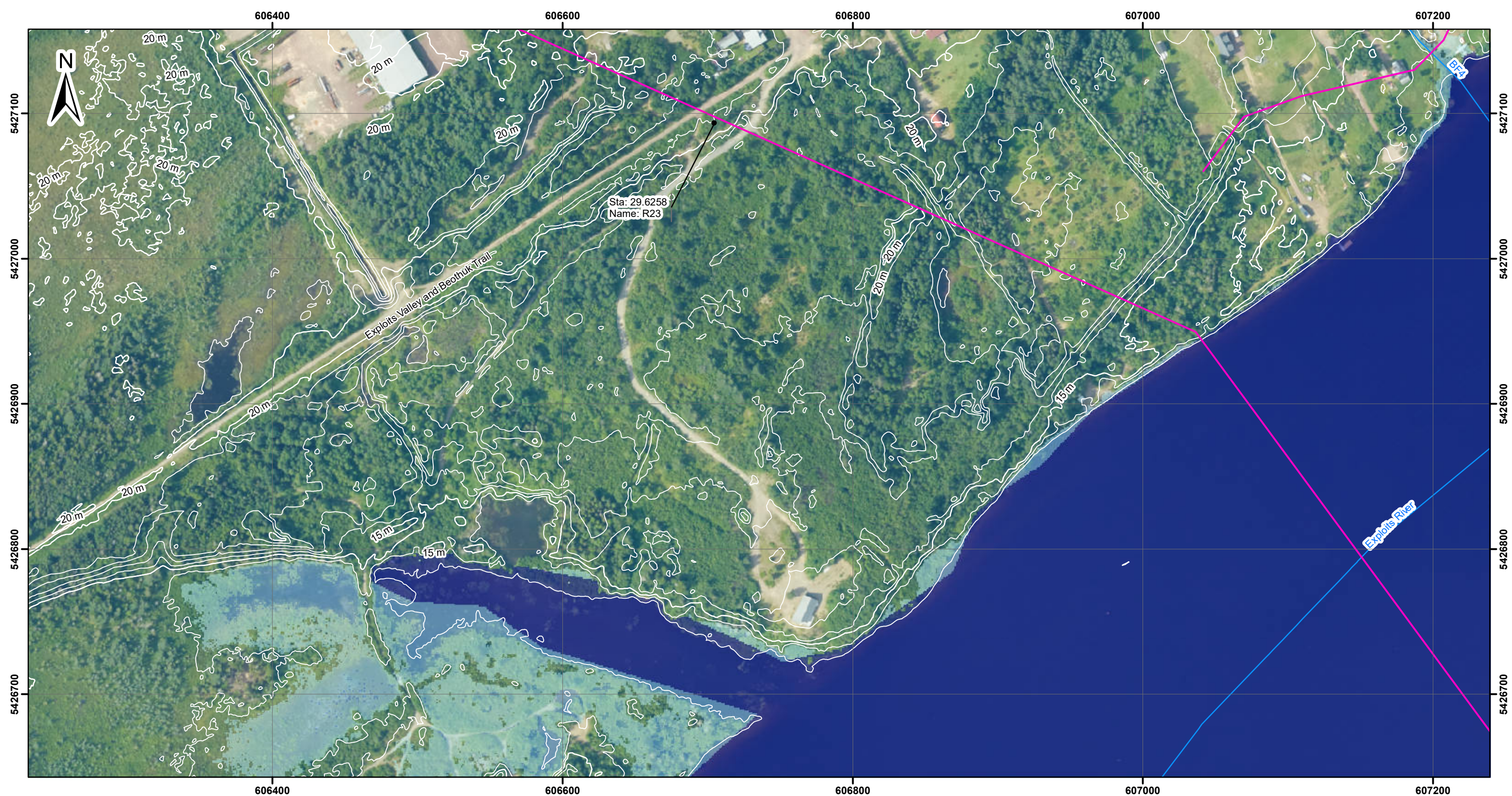
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 37 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

### NOTES:

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0 15 30 60 90 120

Meters

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

### KEY MAP:

### WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

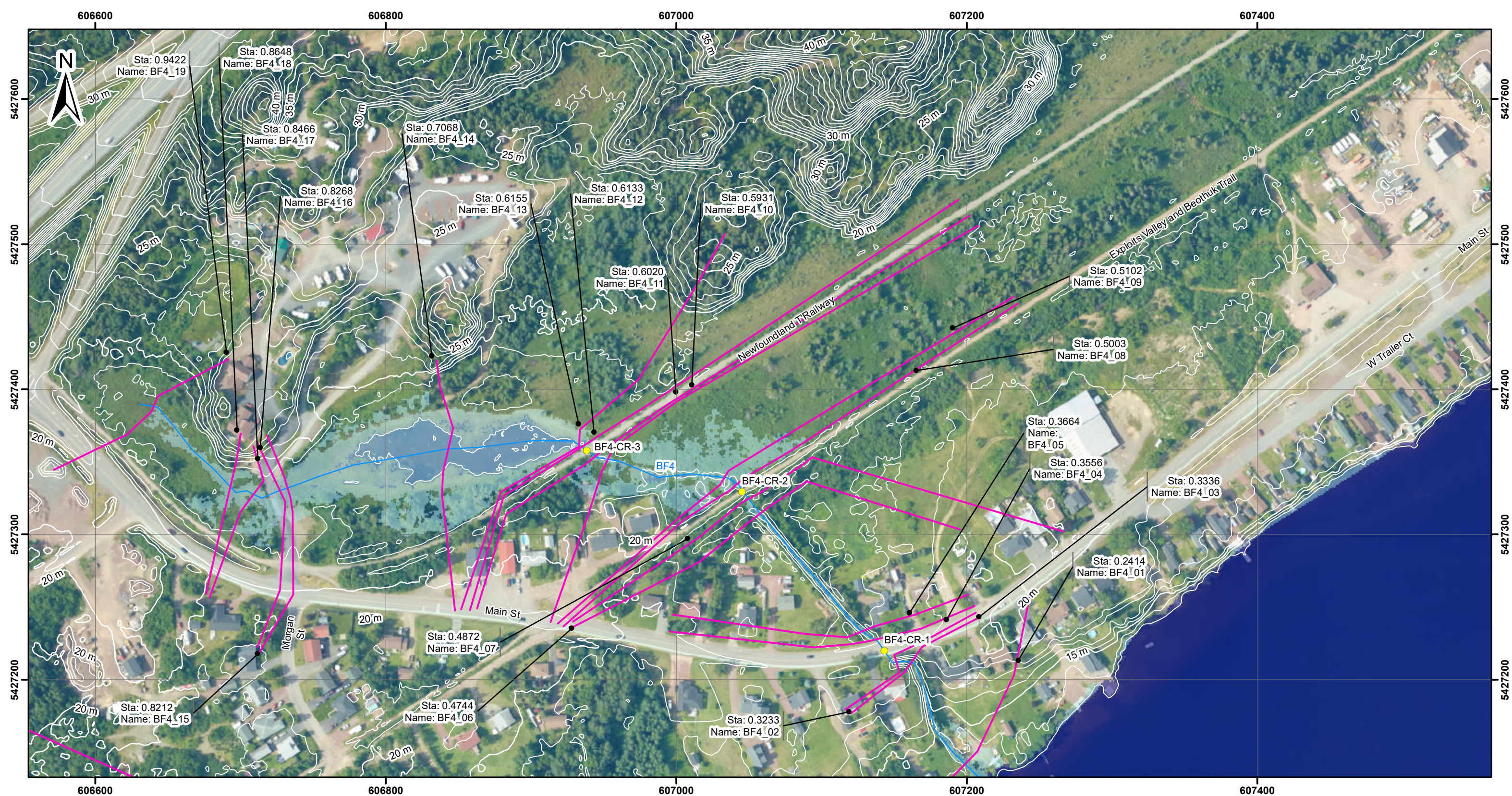
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

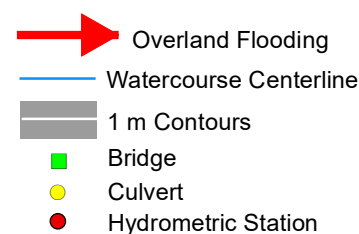
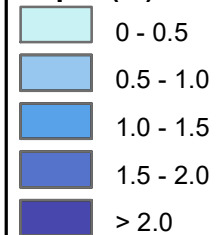
Page 38 of 61





## Legend

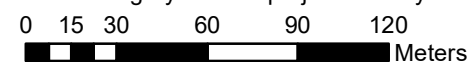
### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

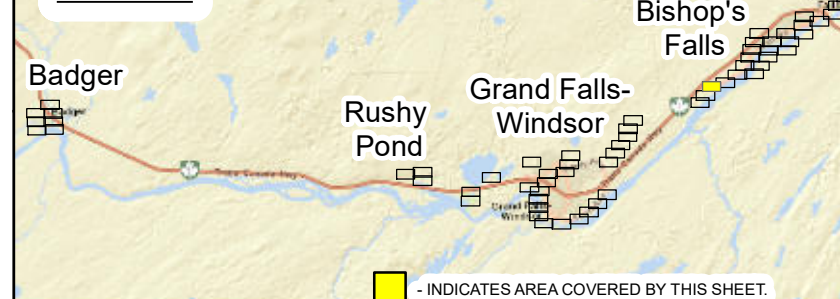
### NOTES:

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

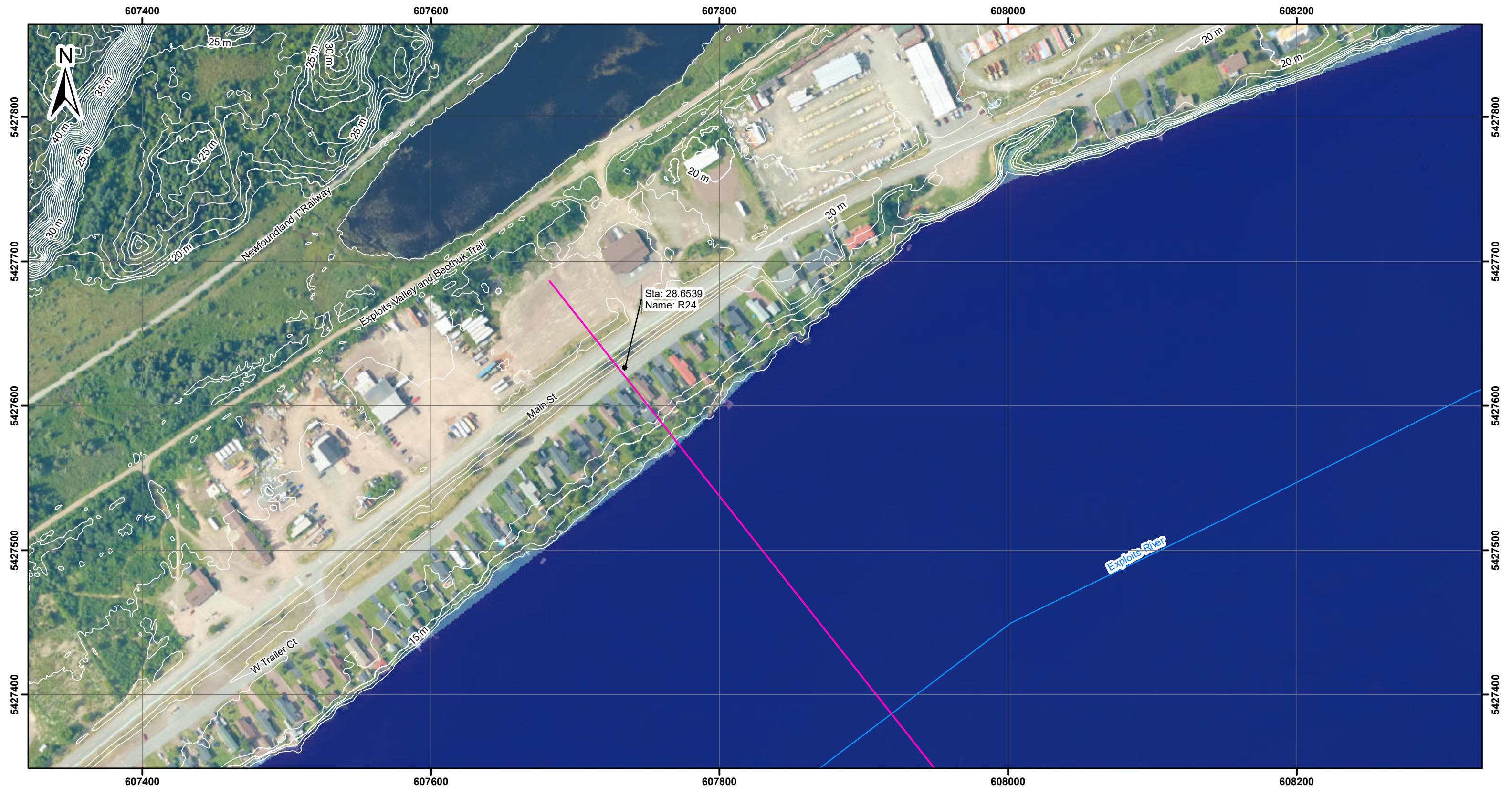


Scale 1:2,500 for 11"x17" paper size

### KEY MAP:







### Legend

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

**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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- Topographic map and world imagery outside project area by ESRI.

0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 40 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

### 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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- Topographic map and world imagery outside project area by ESRI.

015306090120

Meters

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

### KEY MAP:

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

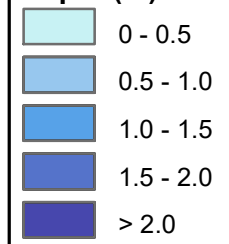
Page 41 of 61





**Legend**

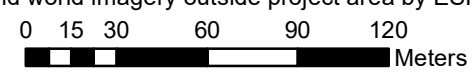
**Inundation Depth (m)**



- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station  
Name: Survey ID (n/a if not surveyed)
- Cross Sections

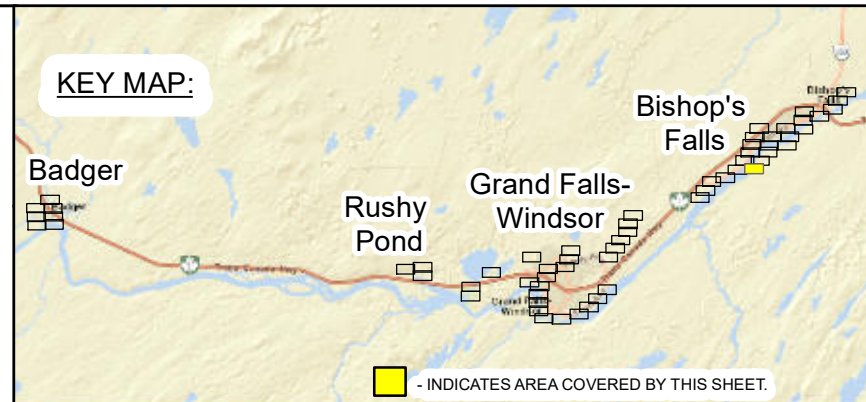
**NOTES:**

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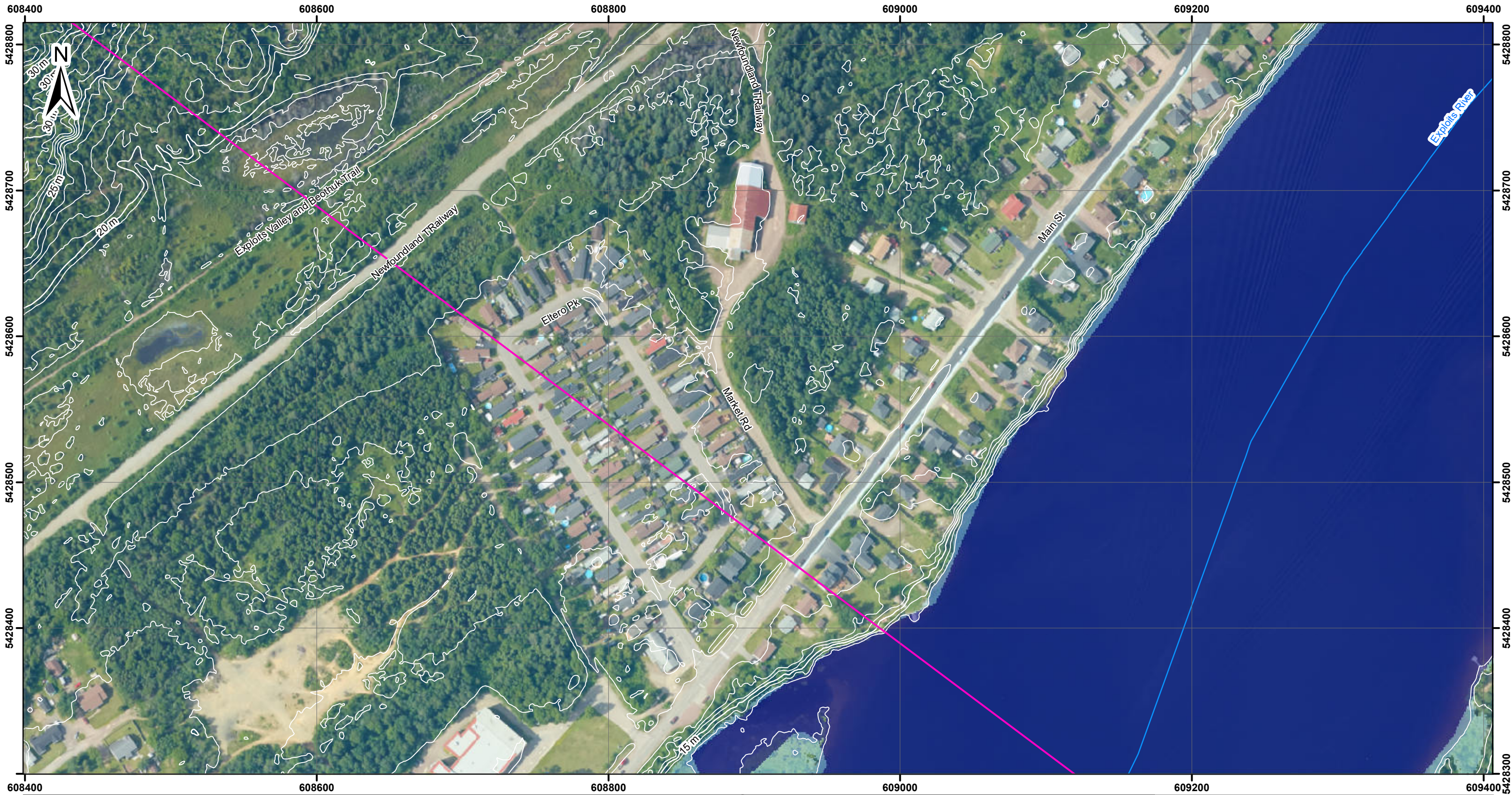
Scale 1:2,500 for 11"x17" paper size

**KEY MAP:**



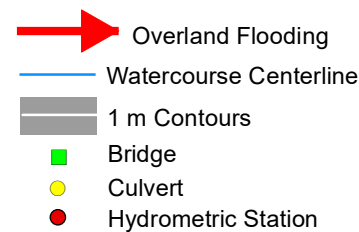
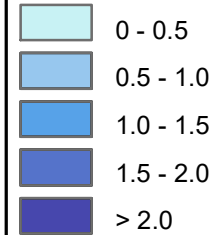
|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| WATER RESOURCES MANAGEMENT DIVISION                                            |               |
| EXPLOITS RIVER FLOOD RISK MAPPING STUDY                                        |               |
| MAP SET #5<br>FLOOD INUNDATION MAP<br>1:20 AEP - CURRENT CLIMATE<br>DETAIL MAP |               |
| DATE: 5/17/2021                                                                | Page 42 of 61 |
| PROJECT #: H-358566                                                            |               |





## Legend

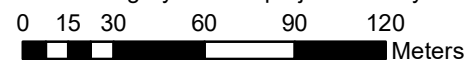
### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

### NOTES:

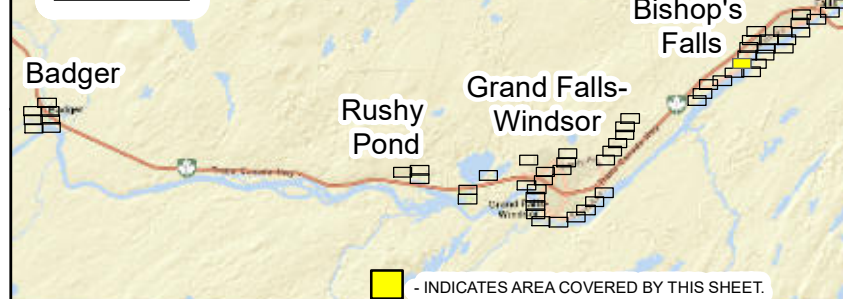
1. Coordinates are based on the Universal Transverse Mercator Projection, North American Datum 1983, Zone 21N. Elevation data is based on the Canadian Geodetic Vertical Datum (CGVD) 2013.
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3. Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.
4. Topographic map and world imagery outside project area by ESRI.



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 #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

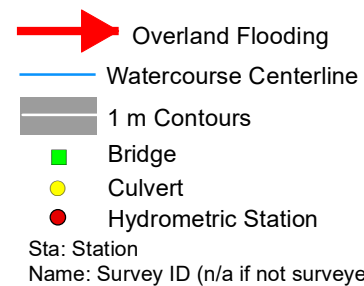
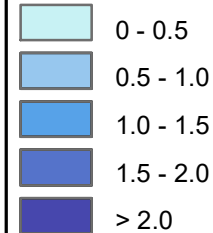
Page 43 of 61





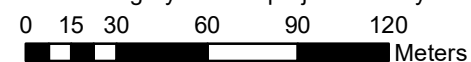
## Legend

### Inundation Depth (m)



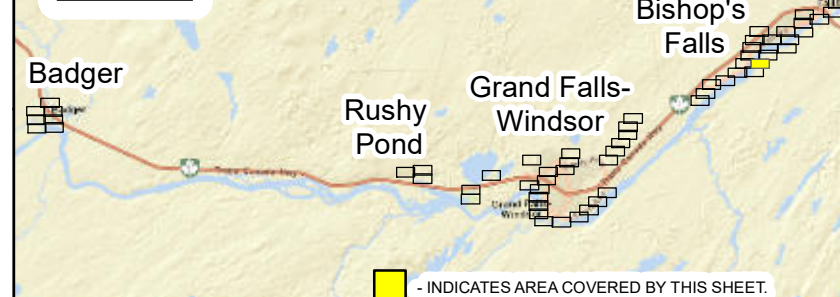
### NOTES:

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4. Topographic map and world imagery outside project area by ESRI.



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

### KEY MAP:



**HATCH**

Newfoundland  
Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

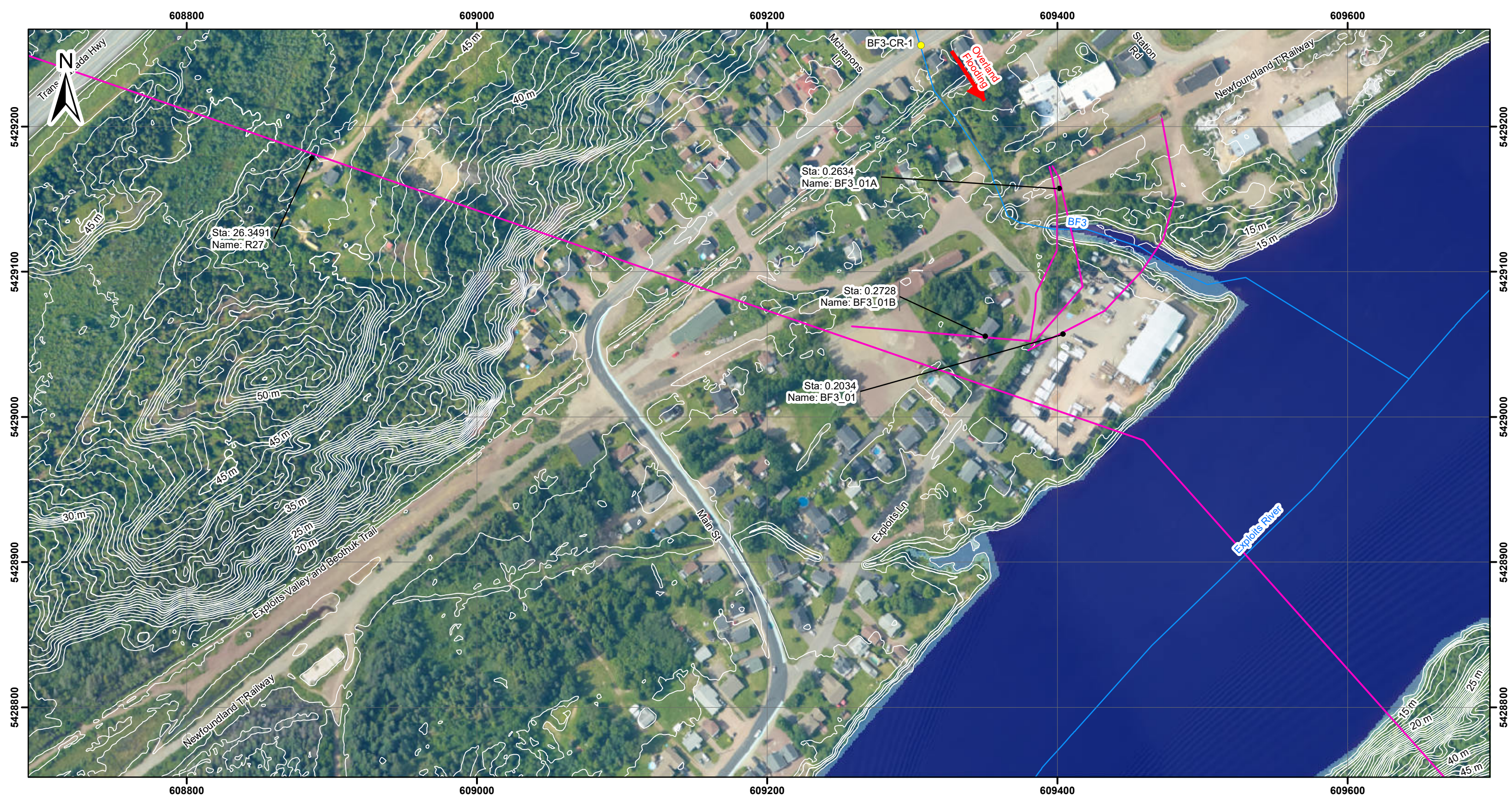
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 44 of 61





### Legend

#### Inundation Depth (m)

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

### NOTES:

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- Topographic map and world imagery outside project area by ESRI.

0 15 30 60 90 120 Meters

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

### KEY MAP:

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

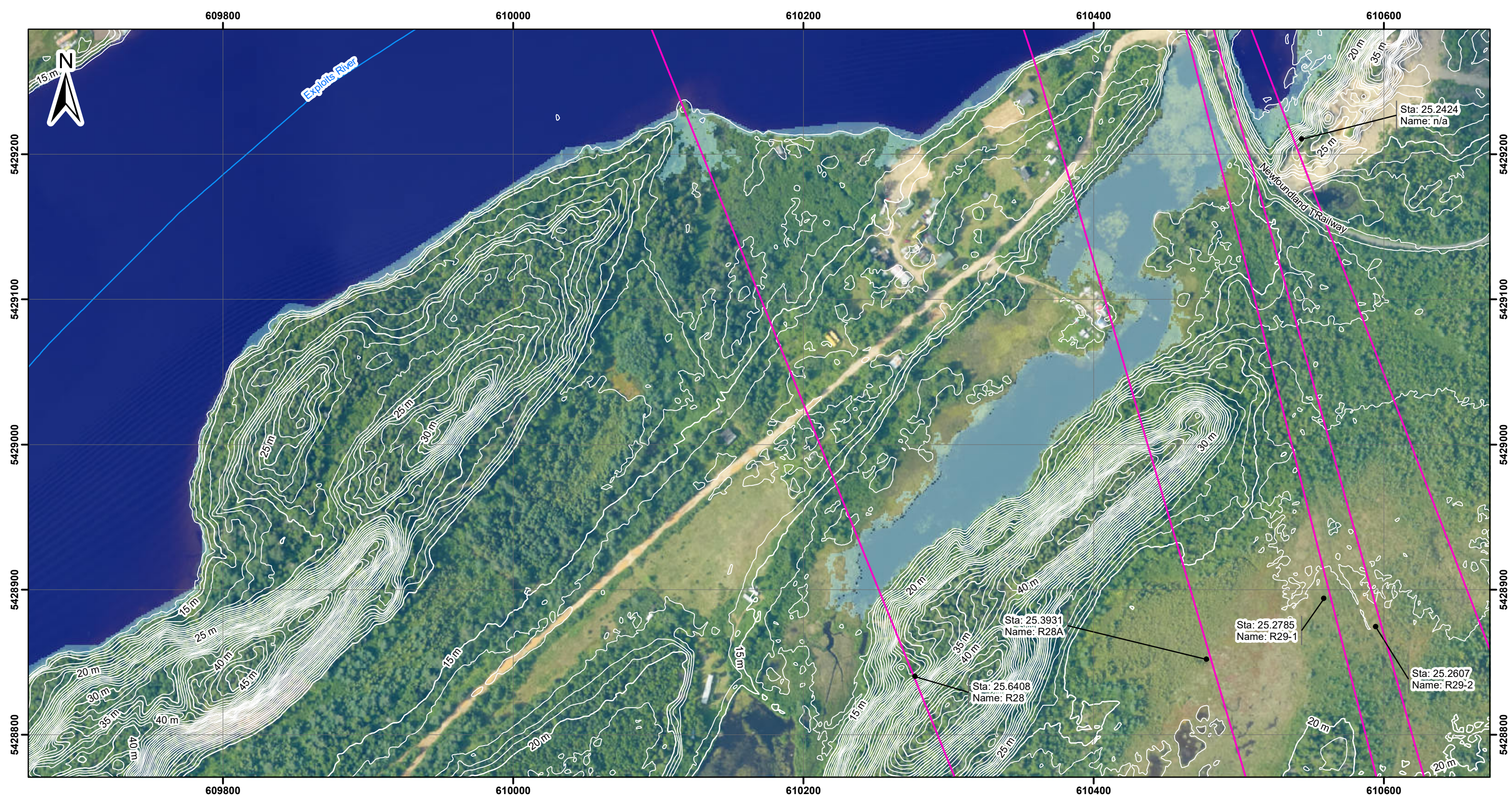
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 45 of 61





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

Badger

Rushy Pond

Grand Falls-Windsor

Bishop's Falls

- INDICATES AREA COVERED BY THIS SHEET.

**HATCH**

Newfoundland  
Labrador

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

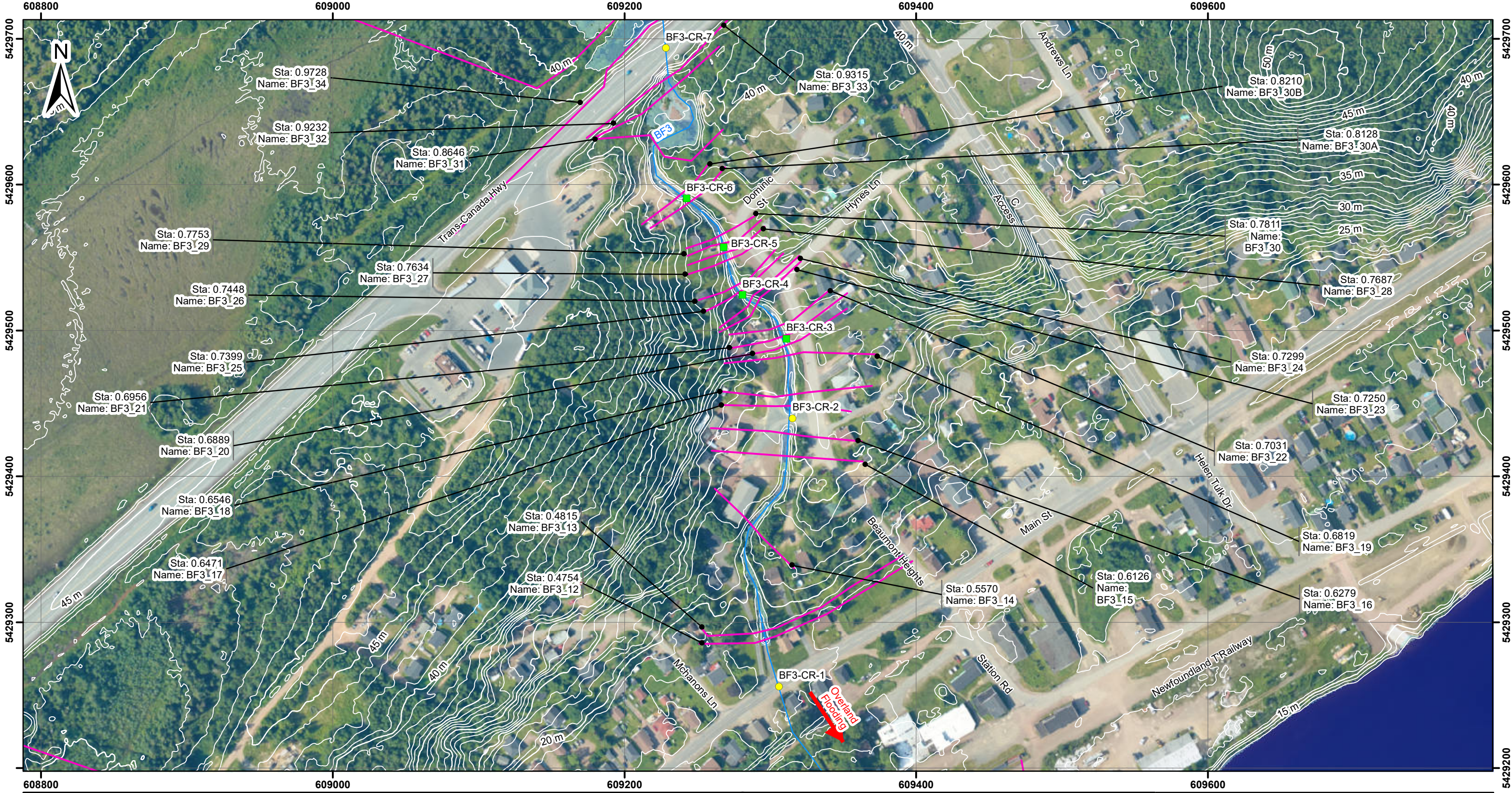
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 46 of 61





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

**Overland Flooding**  
**Watercourse Centerline**  
**1 m Contours**  
**Bridge**  
**Culvert**  
**Hydrometric Station**  

Sta: Station  
Name: Survey ID (n/a if not surveyed)

**Cross Sections**

**NOTES:**

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**0 15 30 60 90 120 Meters**

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

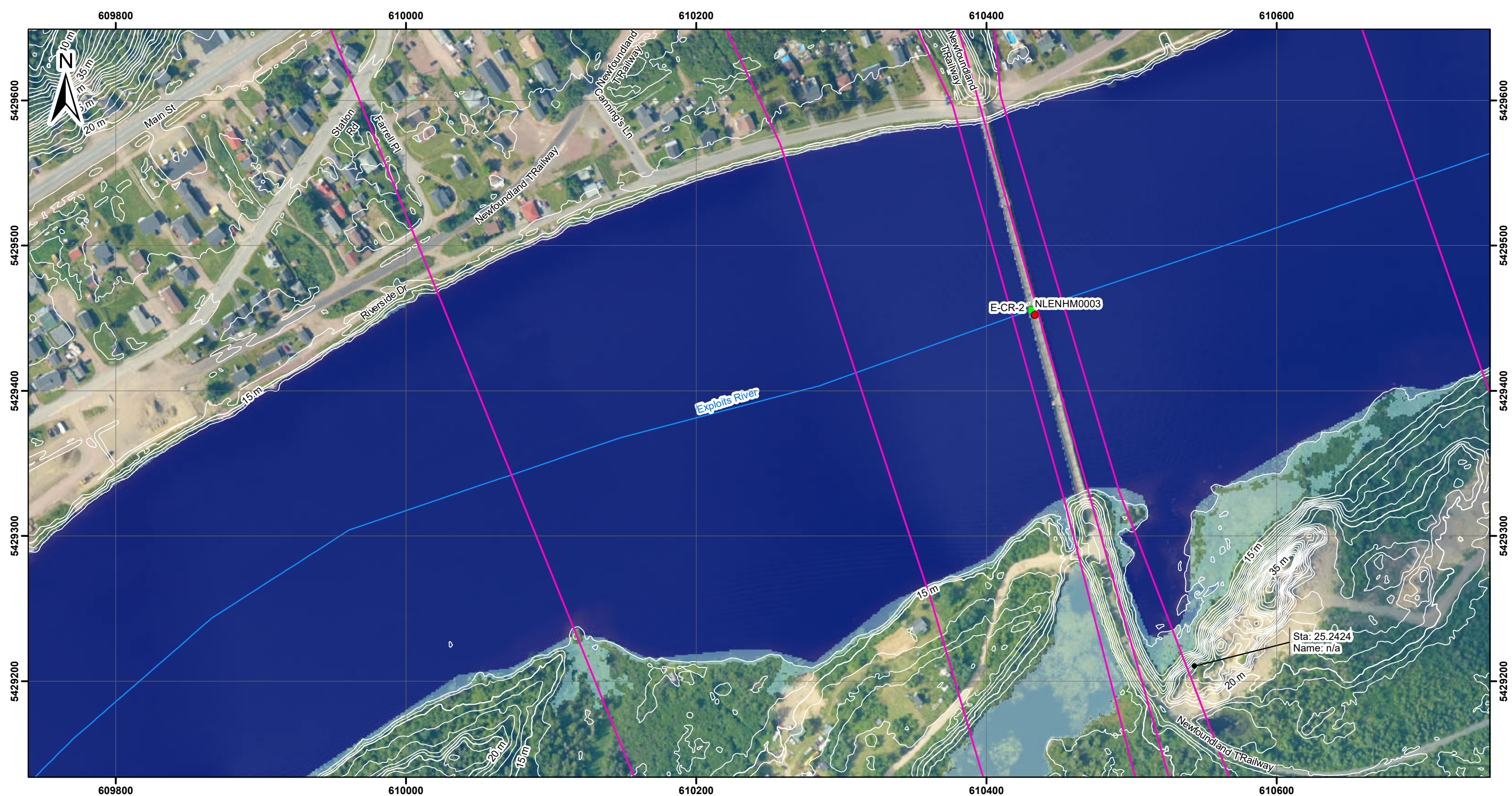
**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**  
**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**  
**MAP SET #5**  
**FLOOD INUNDATION MAP**  
**1:20 AEP - CURRENT CLIMATE**  
**DETAIL MAP**

DATE: 5/17/2021  
PROJECT #: H-358566

**Page 47 of 61**





### Legend

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

**Other Symbols:**

- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Cross Sections

Sta: Station  
Name: Survey ID (n/a if not surveyed)

**NOTES:**

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

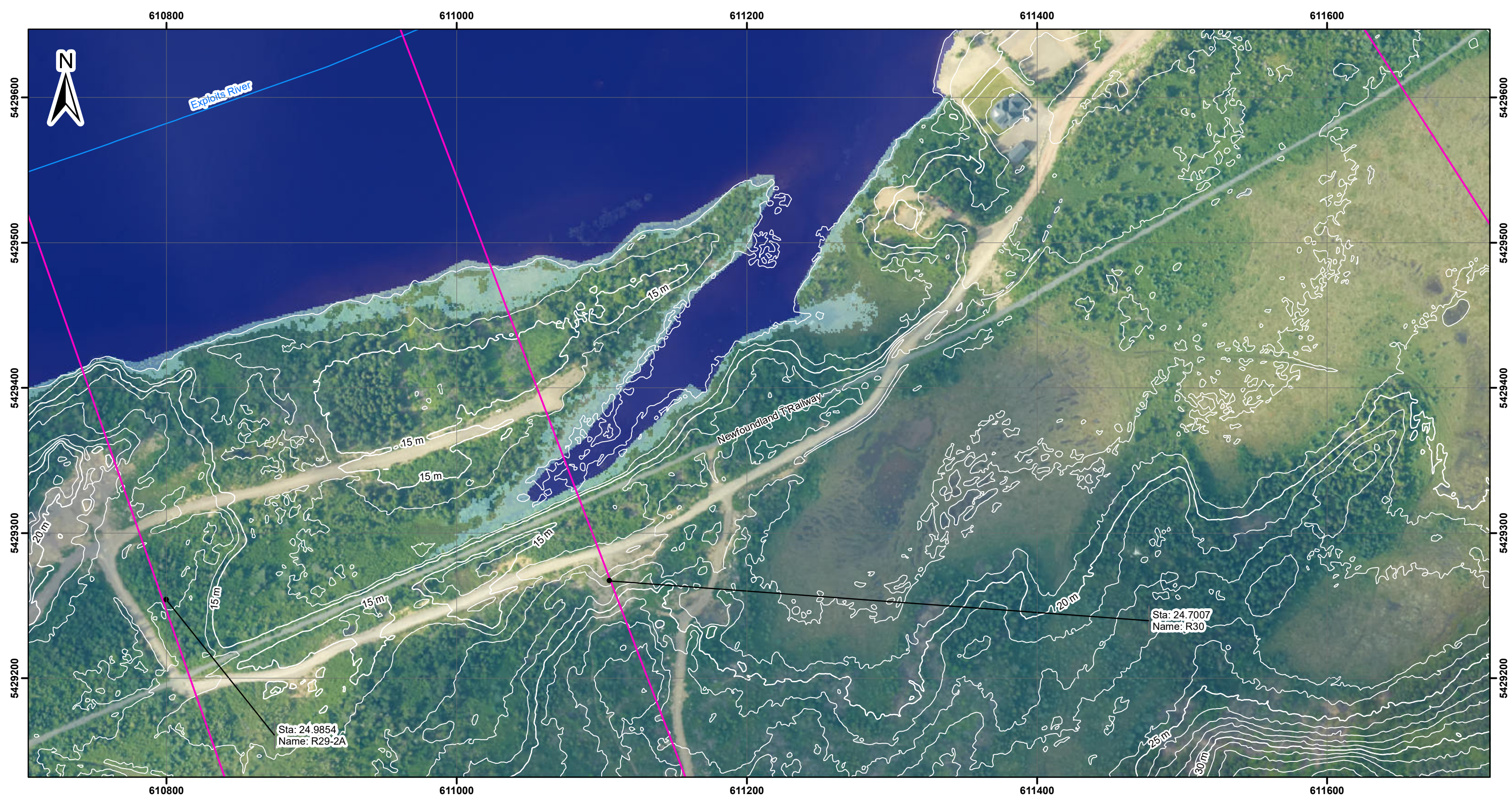
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

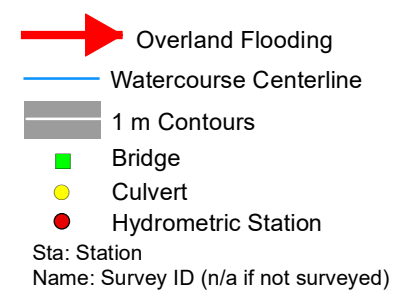
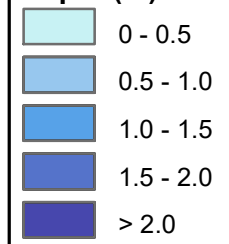
Page 48 of 61





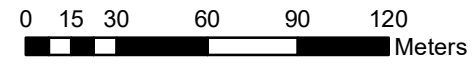
### Legend

#### Inundation Depth (m)



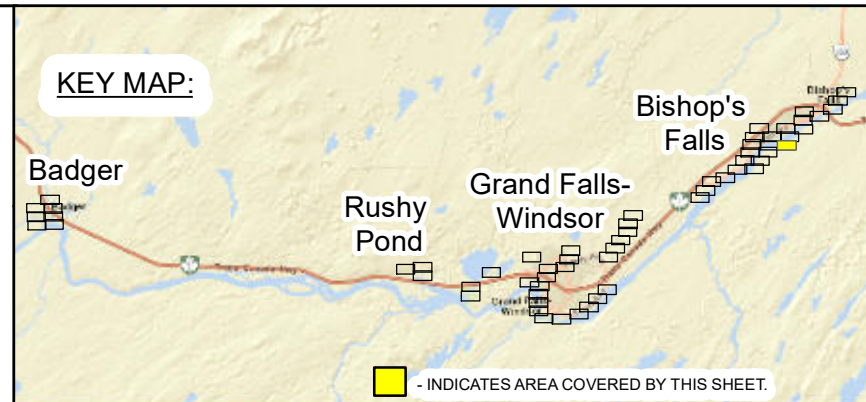
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Scale 1:2,500 for 11"x17" paper size

#### KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

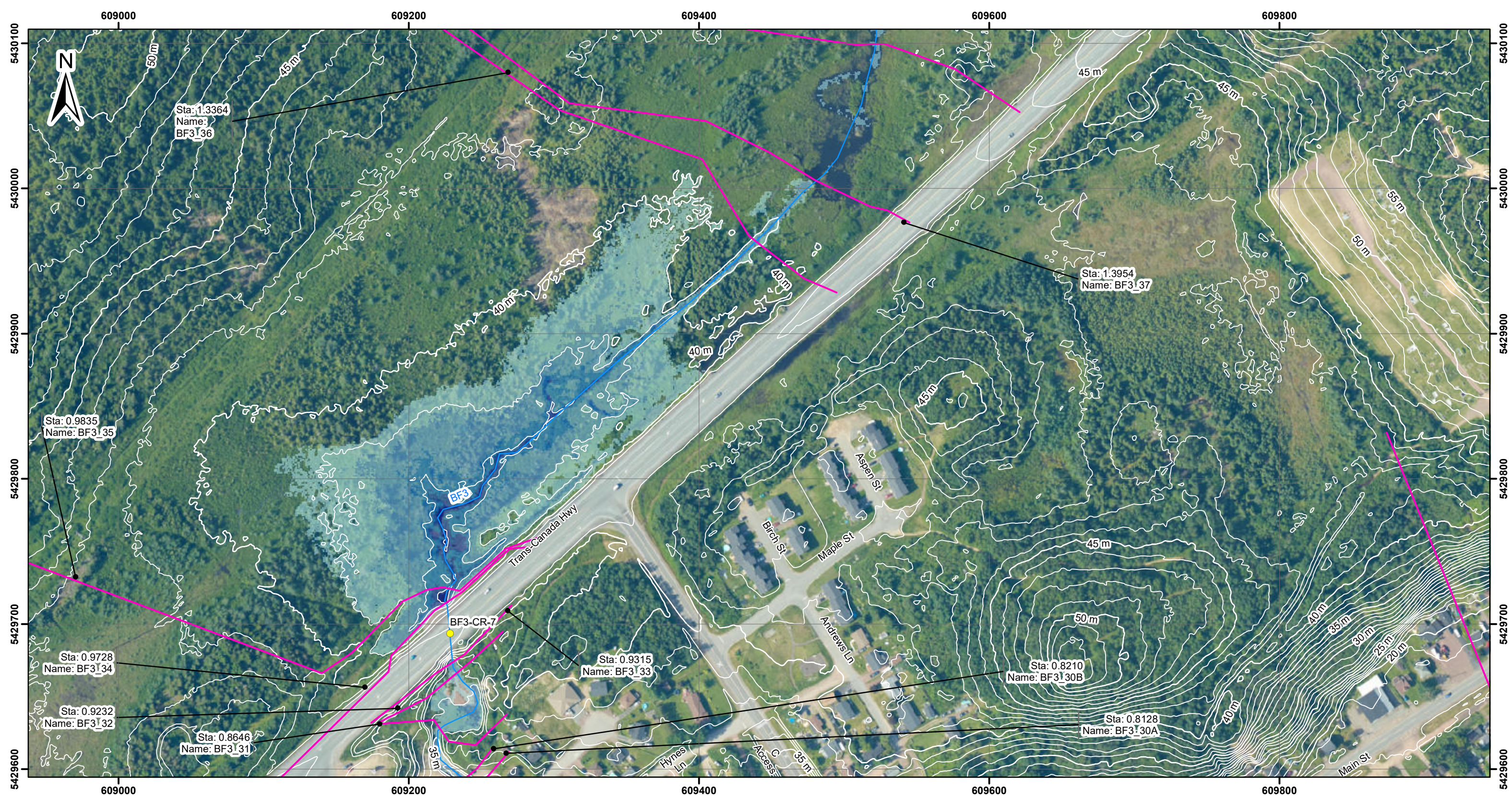
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021  
PROJECT #: H-358566

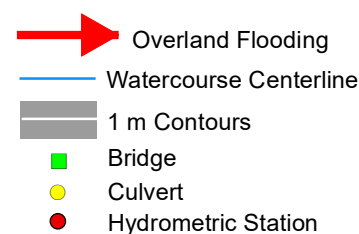
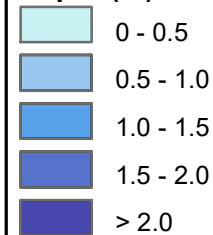
Page 49 of 61





**Legend**

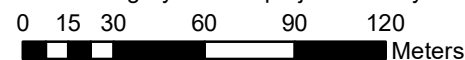
**Inundation Depth (m)**



Sta: Station  
Name: Survey ID (n/a if not surveyed)

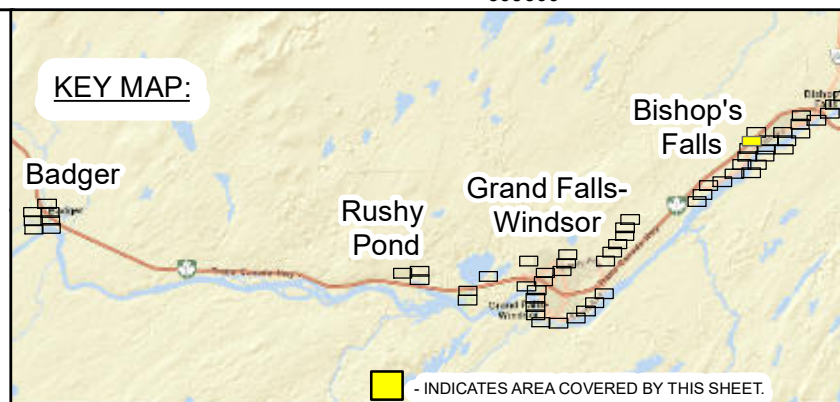
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4. Topographic map and world imagery outside project area by ESRI.



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

**KEY MAP:**





**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 50 of 61





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

**Overland Flooding**  
**Watercourse Centerline**  
**1 m Contours**  
**Bridge**  
**Culvert**  
**Hydrometric Station**  

Sta: Station  
Name: Survey ID (n/a if not surveyed)

**Cross Sections**

**NOTES:**

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Meters

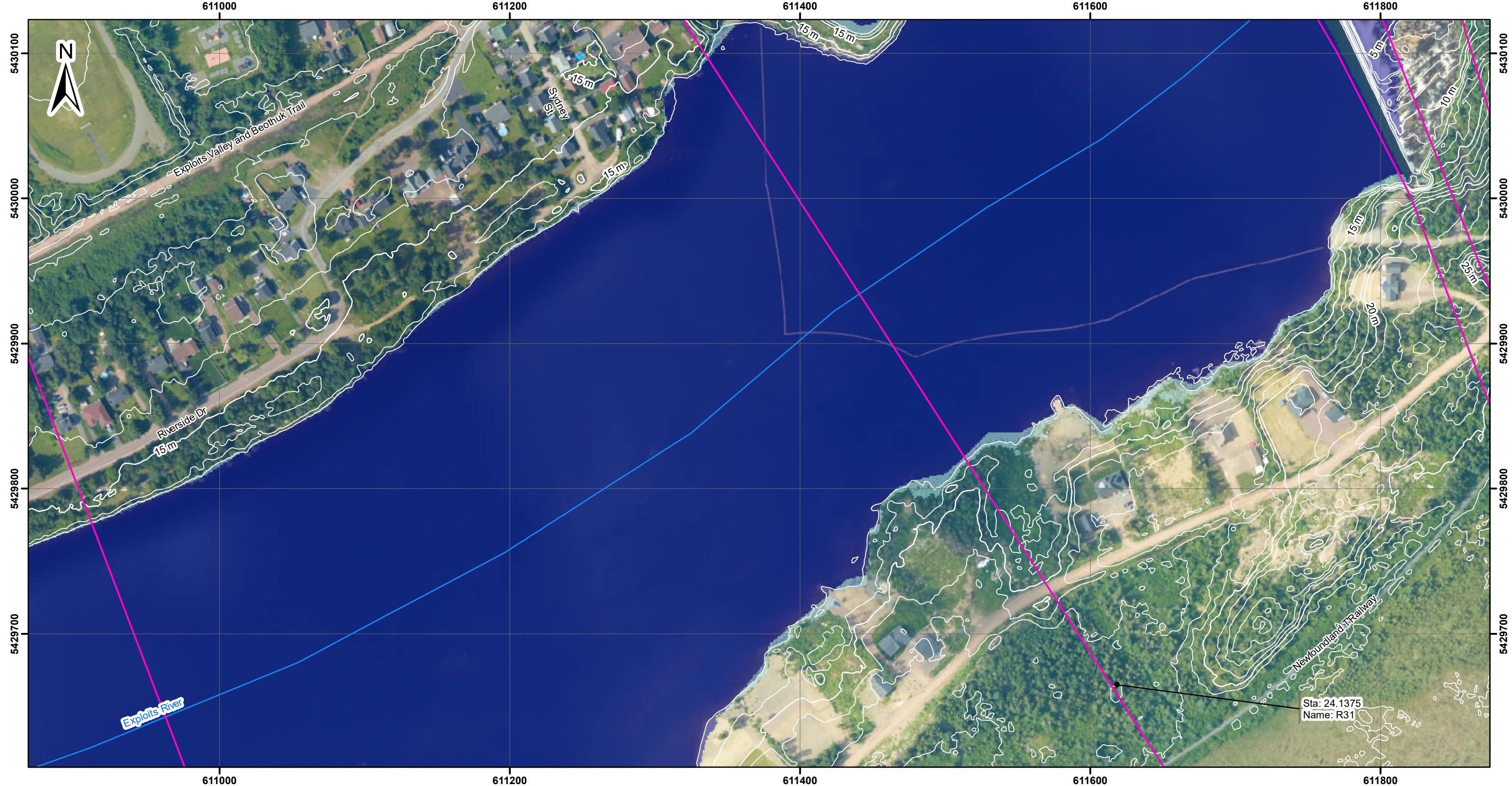
Scale 1:2,500 for 11"x17" paper size

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**  
EXPLOITS RIVER FLOOD RISK MAPPING STUDY  
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP  
DATE: 5/17/2021  
PROJECT #: H-358566

Page 51 of 61





**Legend**

**Inundation Depth (m)**

|           |
|-----------|
| 0 - 0.5   |
| 0.5 - 1.0 |
| 1.0 - 1.5 |
| 1.5 - 2.0 |
| > 2.0     |

|                                                       |                        |
|-------------------------------------------------------|------------------------|
|                                                       | Overland Flooding      |
|                                                       | Watercourse Centerline |
|                                                       | 1 m Contours           |
|                                                       | Bridge                 |
|                                                       | Culvert                |
|                                                       | Hydrometric Station    |
| Sta: Station<br>Name: Survey ID (n/a if not surveyed) | Cross Sections         |

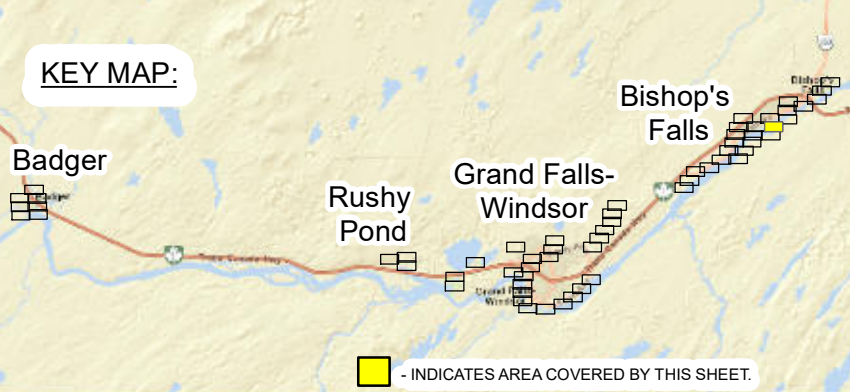
**NOTES:**

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015306090120

Meters

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



**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

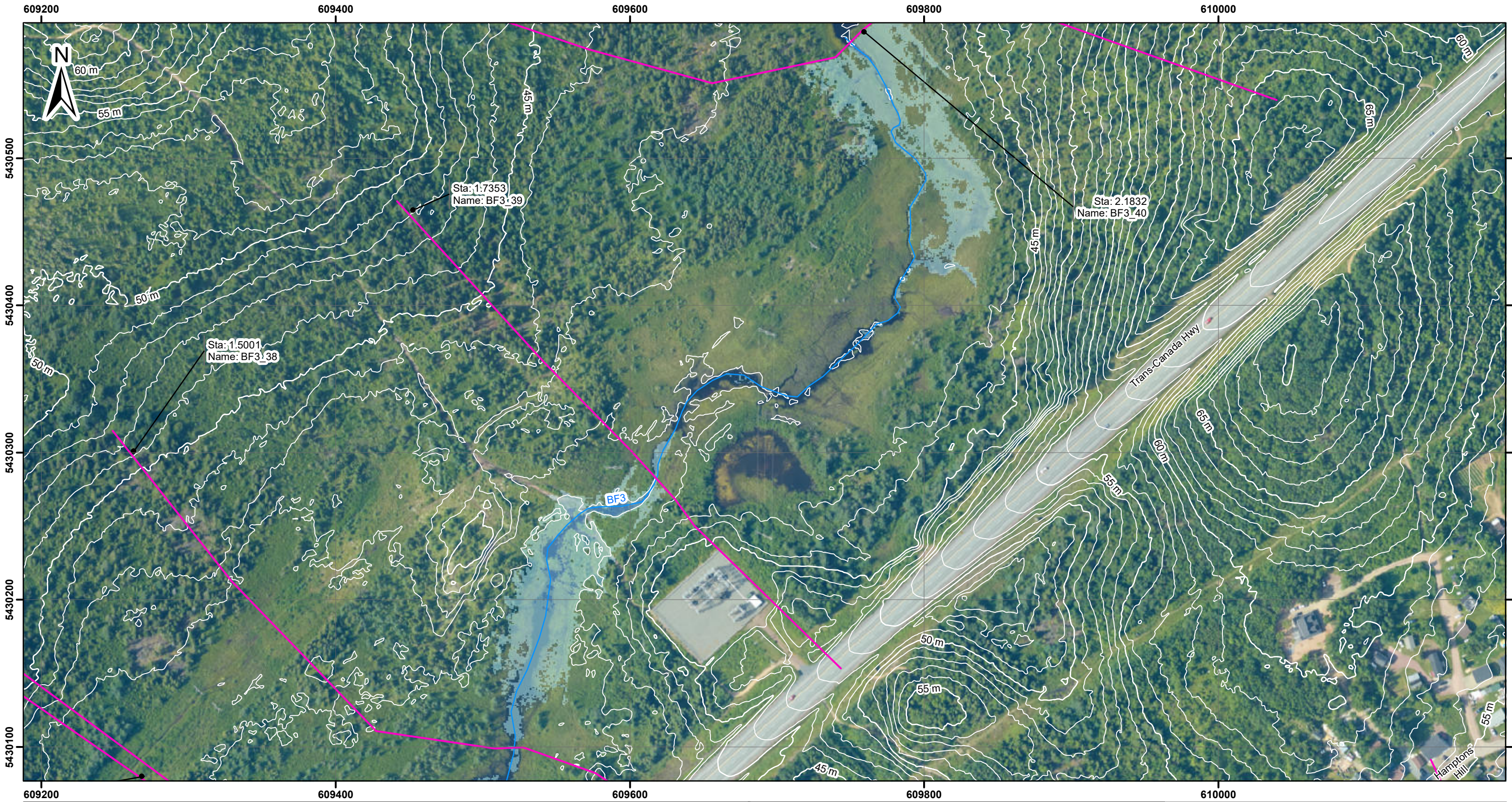
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

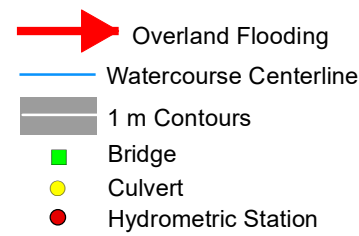
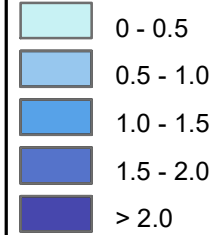
Page 52 of 61





## Legend

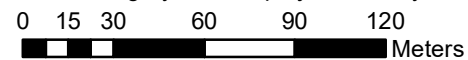
### Inundation Depth (m)



Sta: Station  
Name: Survey ID (n/a if not surveyed)

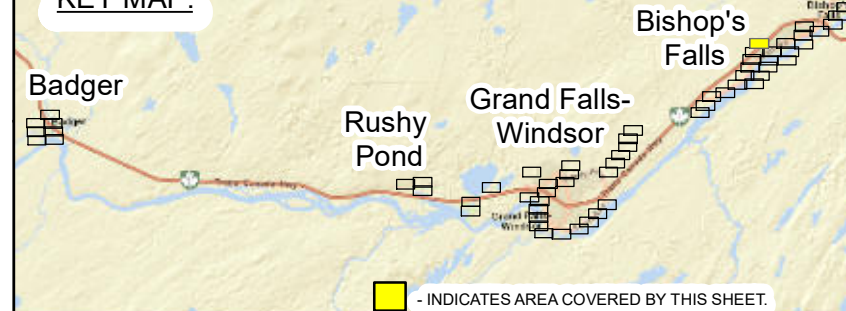
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Scale 1:2,500 for 11"x17" paper size

### KEY MAP:



## WATER RESOURCES MANAGEMENT DIVISION

### EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566





**Legend**

**Inundation Depth (m)**

|  |           |
|--|-----------|
|  | 0 - 0.5   |
|  | 0.5 - 1.0 |
|  | 1.0 - 1.5 |
|  | 1.5 - 2.0 |
|  | > 2.0     |

Overland Flooding

Watercourse Centerline

1 m Contours

Bridge

Culvert

Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

Cross Sections

**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. Lidar data by Leading Edge Geomatics Aug. 15-16, 2019.

3. Aerial imagery in project area by Leading Edge Geomatics Jul. 25-26, 2019.

4. Topographic map and world imagery outside project area by ESRI.

015306090120

Meters

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

**KEY MAP:**

**WATER RESOURCES MANAGEMENT DIVISION**

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #5

FLOOD INUNDATION MAP

1:20 AEP - CURRENT CLIMATE

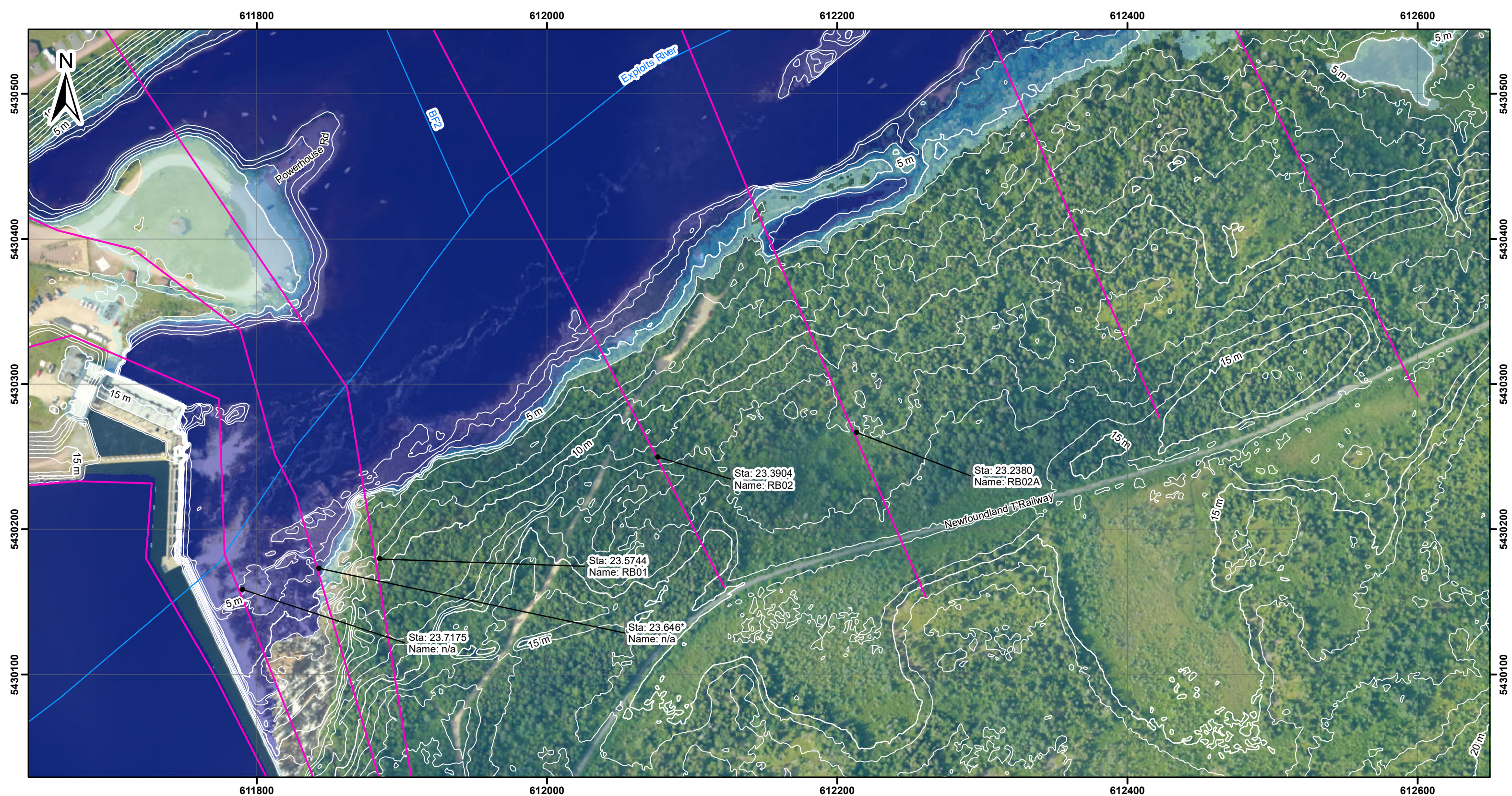
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 54 of 61





**Legend**

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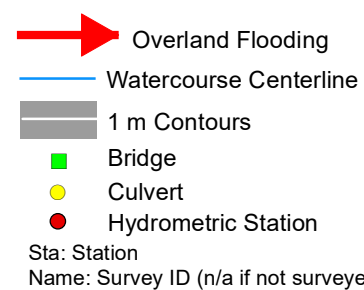
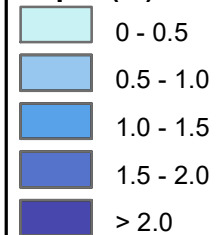
Page 55 of 61





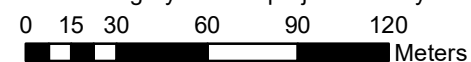
### Legend

#### Inundation Depth (m)



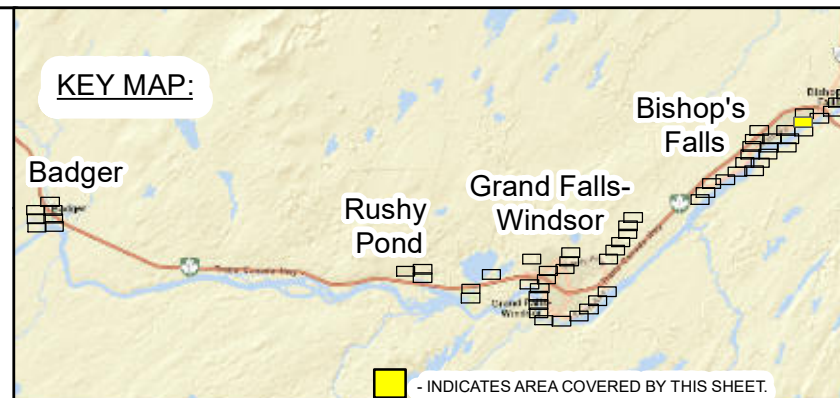
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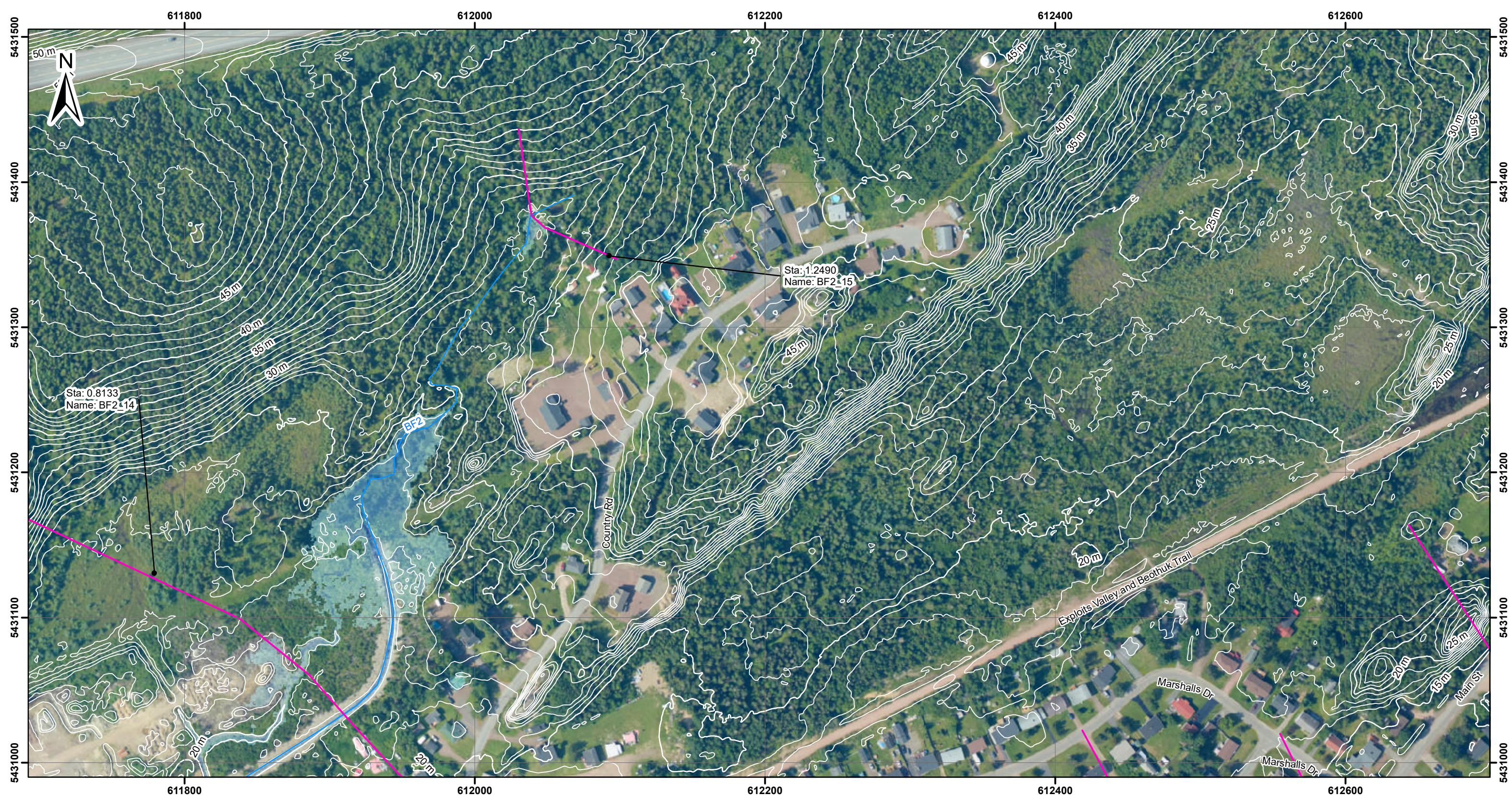


Scale 1:2,500 for 11"x17" paper size

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0 15 30 60 90 120 Meters

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

**KEY MAP:**

- INDICATES AREA COVERED BY THIS SHEET.

**HATCH** Newfoundland Labrador

**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

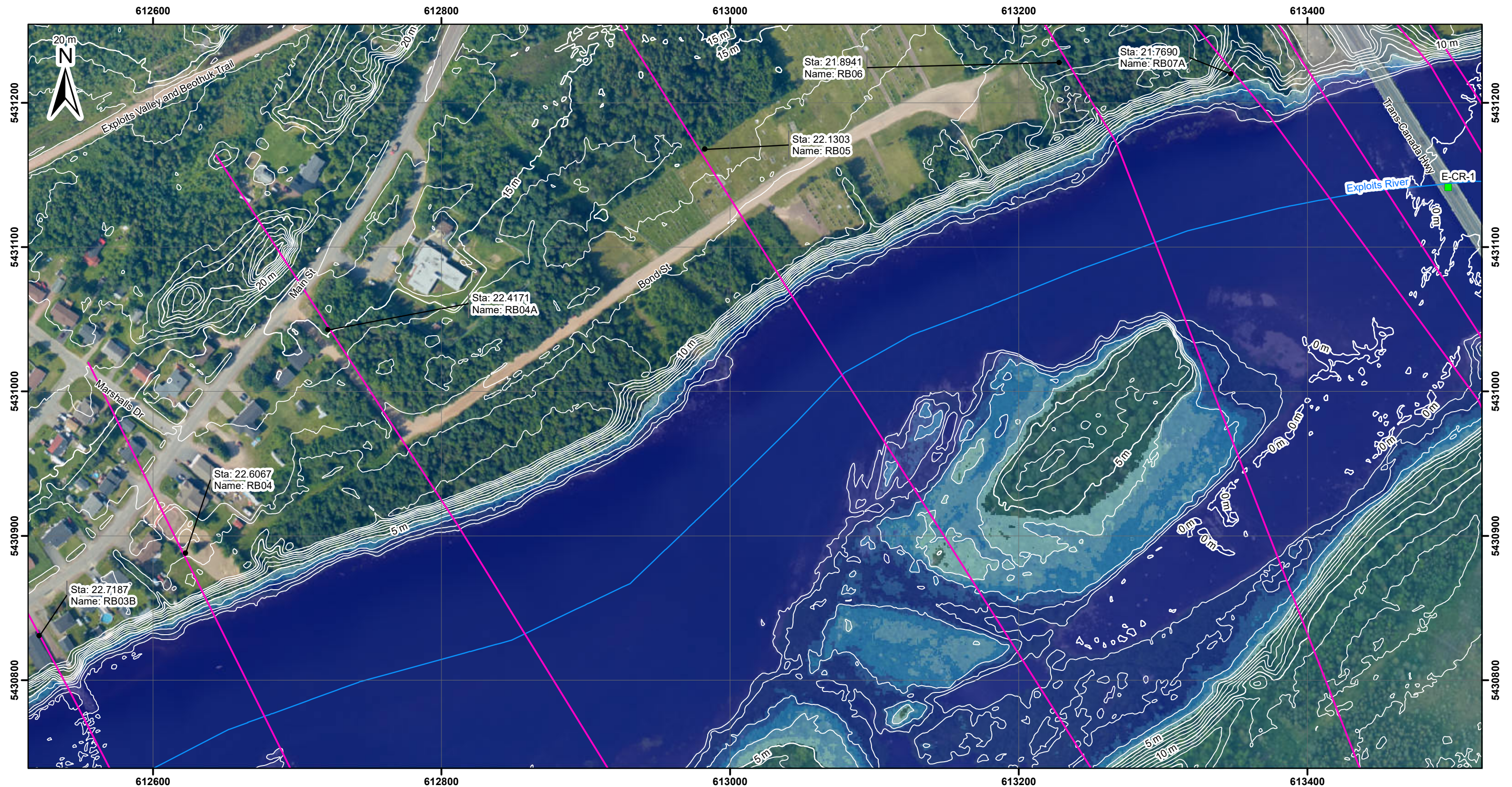
MAP SET #5  
FLOOD INUNDATION MAP  
1:20 AEP - CURRENT CLIMATE  
DETAIL MAP

DATE: 5/17/2021

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Page 57 of 61





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Bridge

Culvert

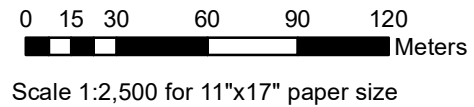
Hydrometric Station

Sta: Station  
Name: Survey ID (n/a if not surveyed)

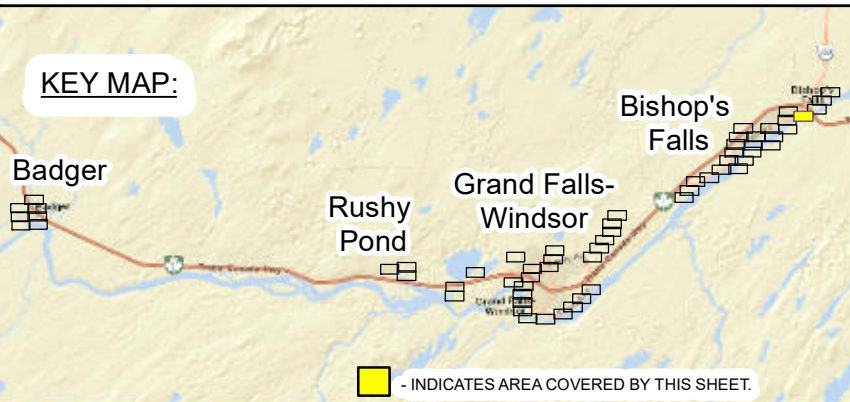
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**KEY MAP:**



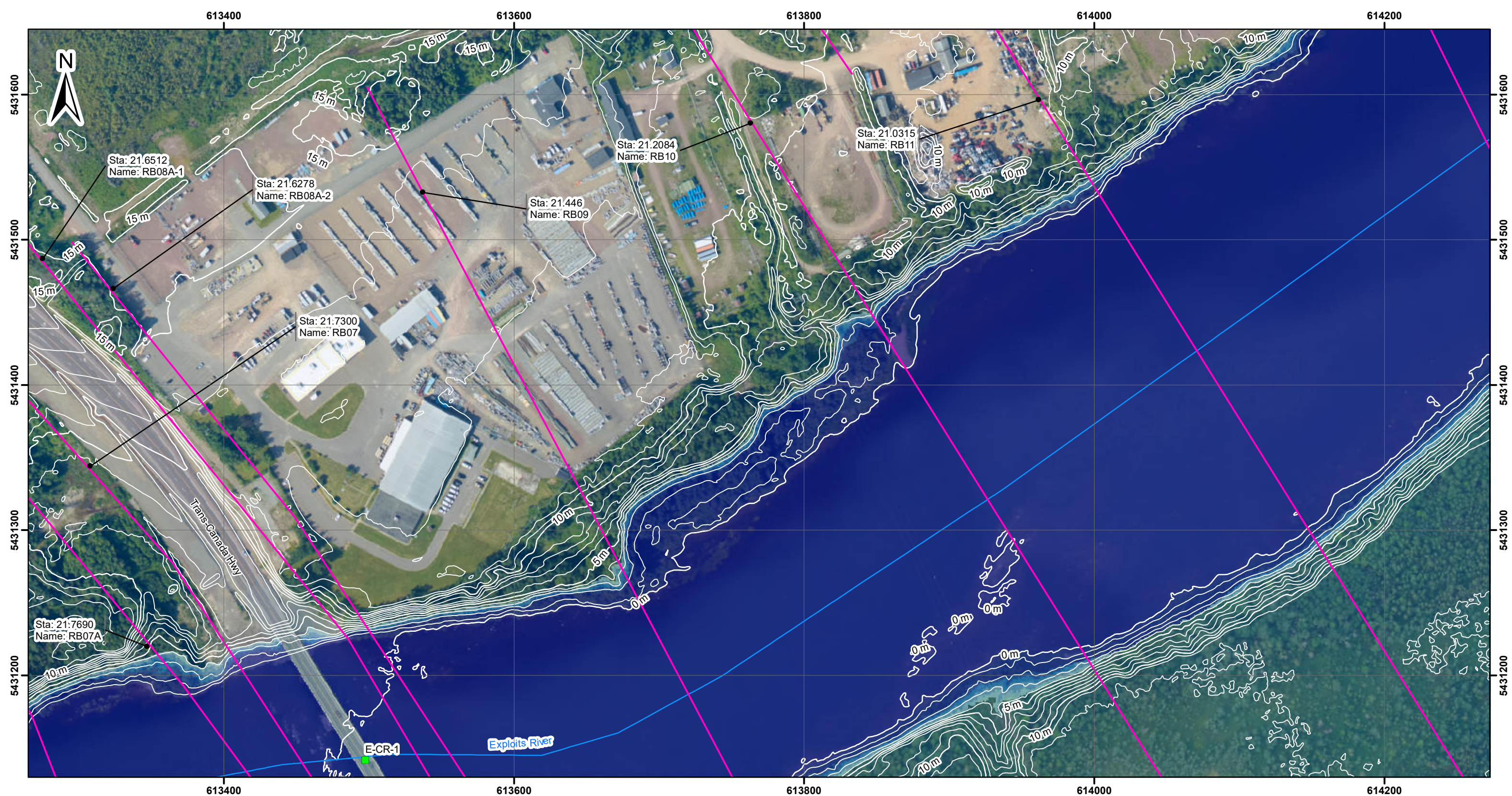
**WATER RESOURCES MANAGEMENT DIVISION**

**EXPLOITS RIVER FLOOD RISK MAPPING STUDY**

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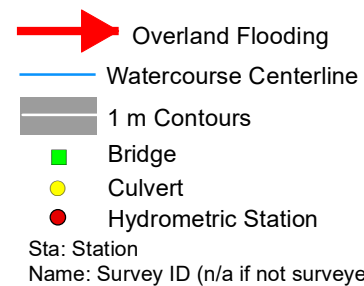
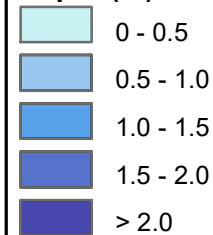
|                     |               |
|---------------------|---------------|
| DATE: 5/17/2021     | Page 58 of 61 |
| PROJECT #: H-358566 |               |





## Legend

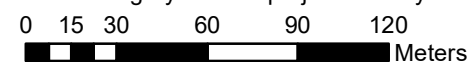
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Name: Survey ID (n/a if not surveyed)

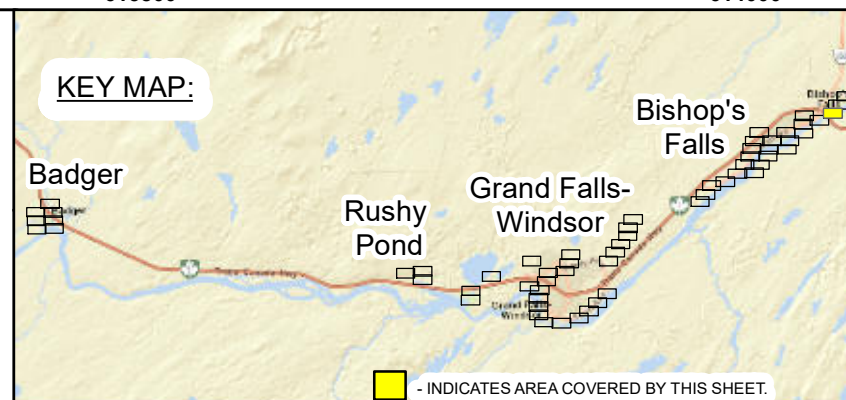
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WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

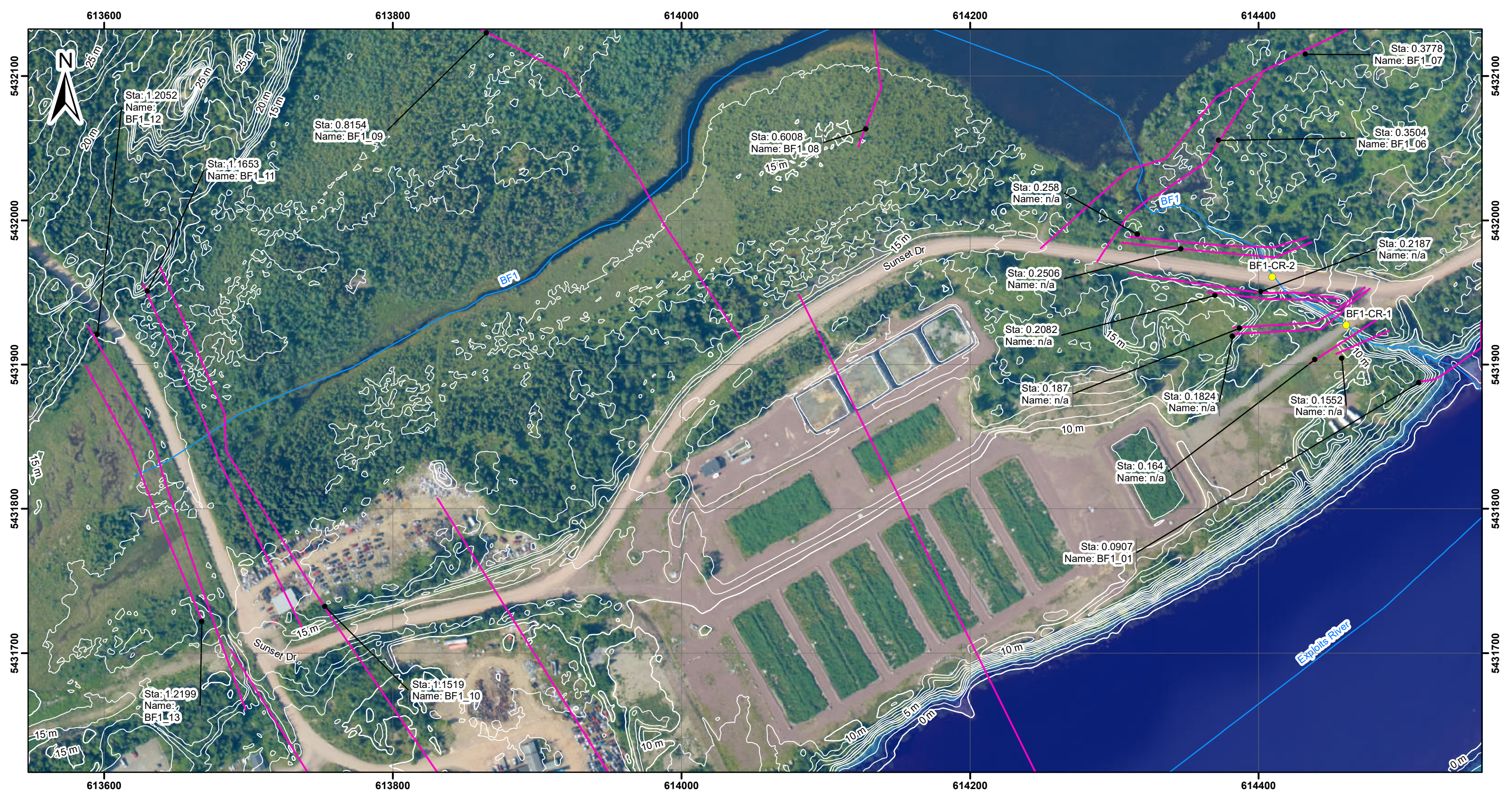
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Page 59 of 61





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Newfoundland  
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Page 60 of 61





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|                         |           |
|-------------------------|-----------|
|                         | 0 - 0.5   |
|                         | 0.5 - 1.0 |
|                         | 1.0 - 1.5 |
|                         | 1.5 - 2.0 |
| > 2.0 m color swatch"/> | > 2.0     |

Overland Flooding  
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Page 61 of 61