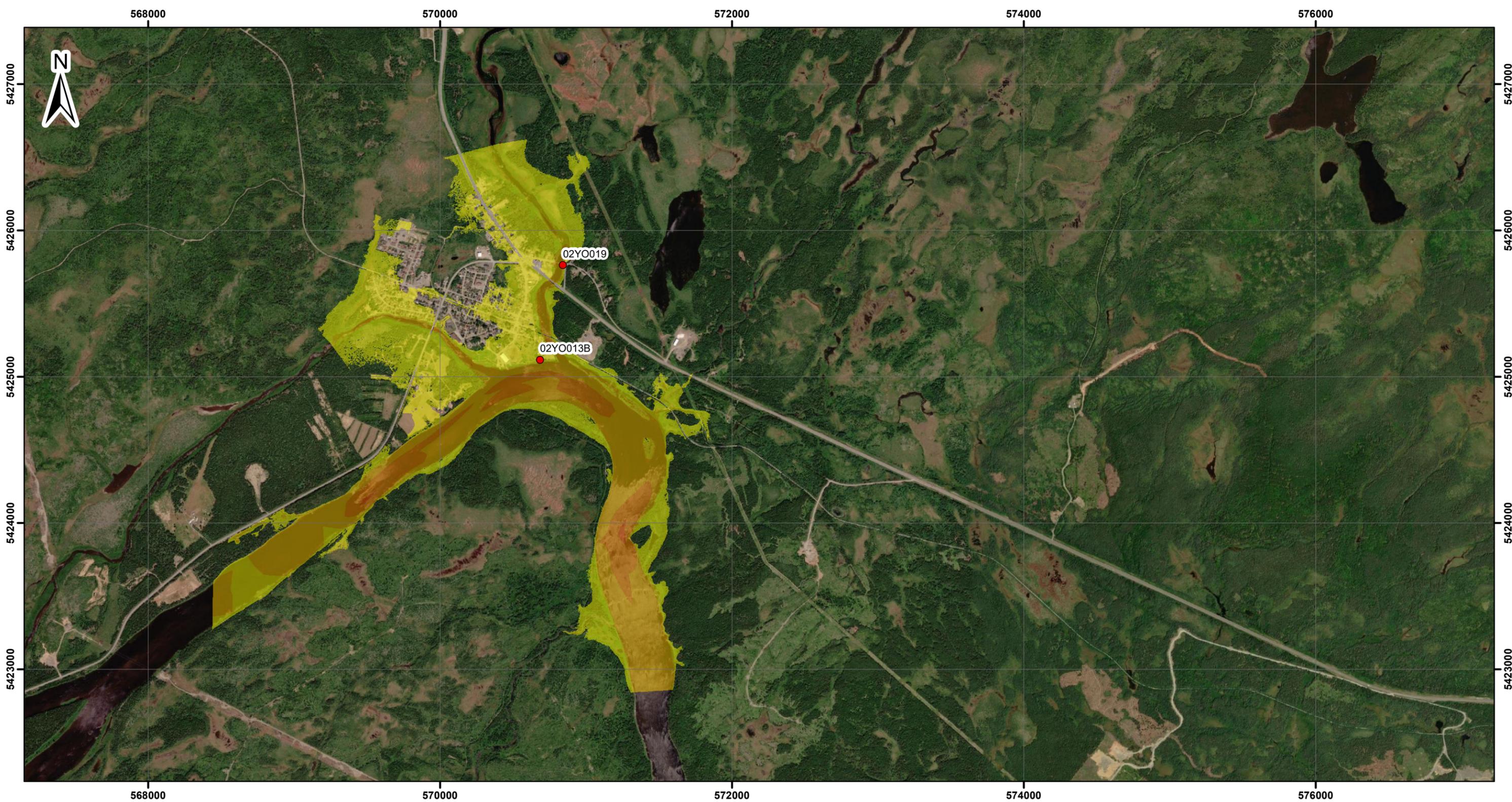


**Appendix F.8: Map Set 8 – Flood Velocity – Current Climate – 1:100
AEP**



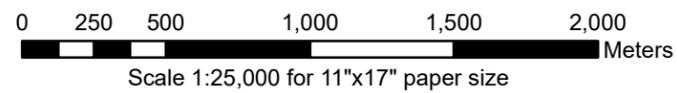
Legend

Velocity (m/s)

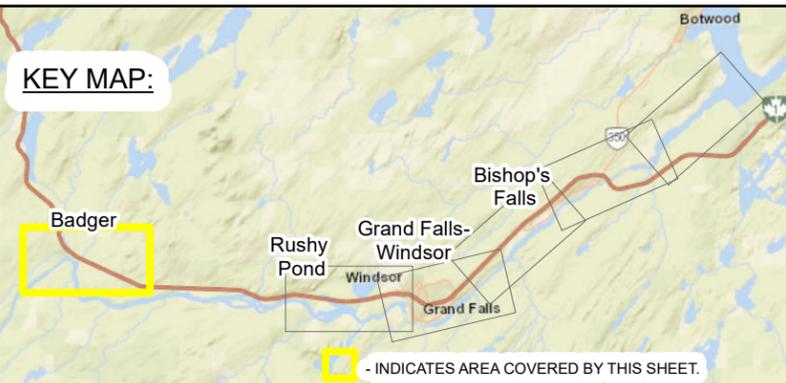
- 0 - 1
 - 1 - 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5
- Hydrometric Station

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.



KEY MAP:



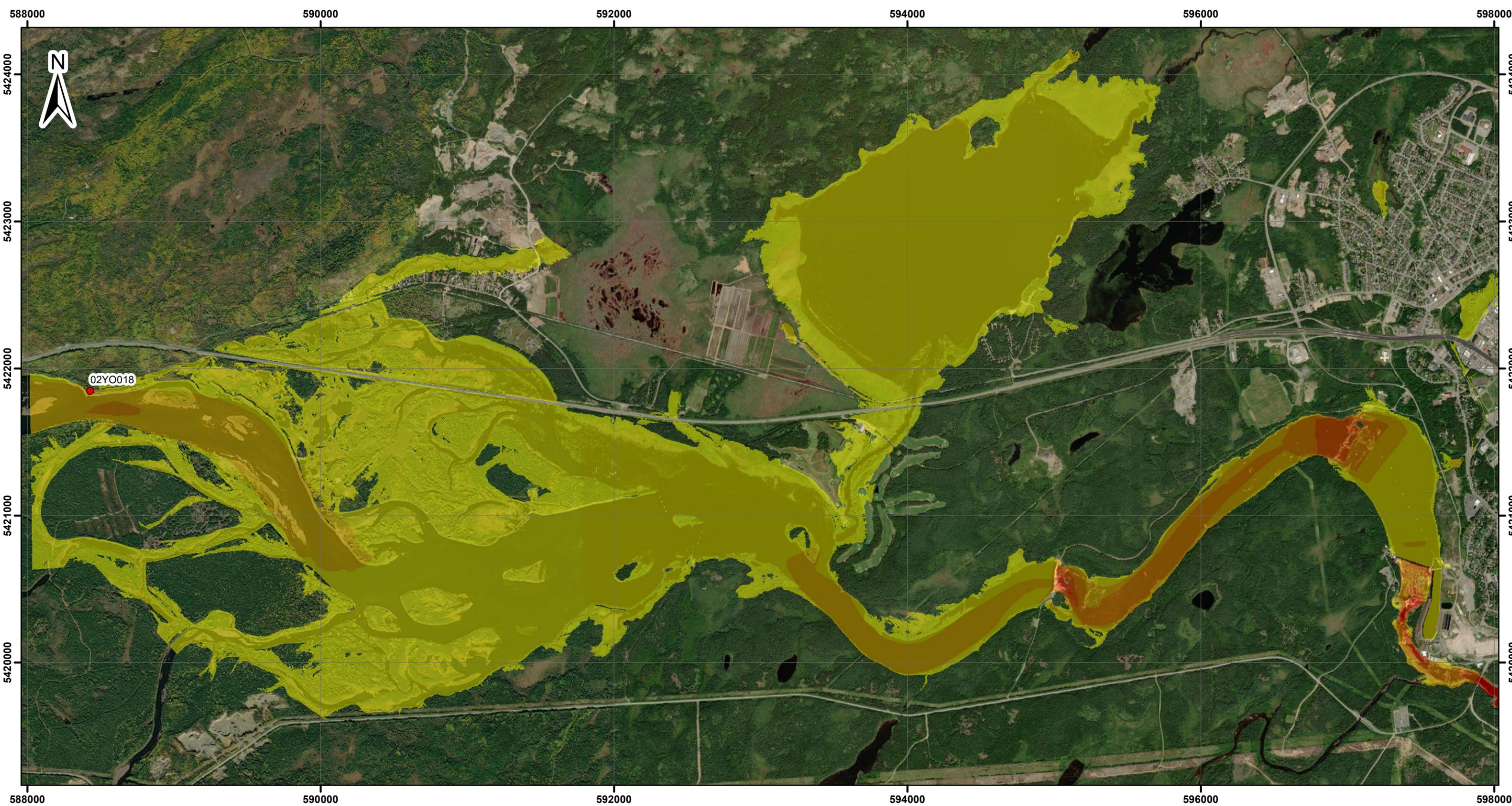
WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
 FLOOD VELOCITY MAP
 1:100 AEP - CURRENT CLIMATE
 OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566



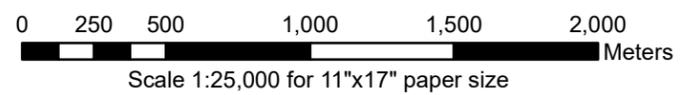
Legend

Velocity (m/s)

- 0 - 1
 - 1 - 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5
- Hydrometric Station

NOTES:

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KEY MAP:

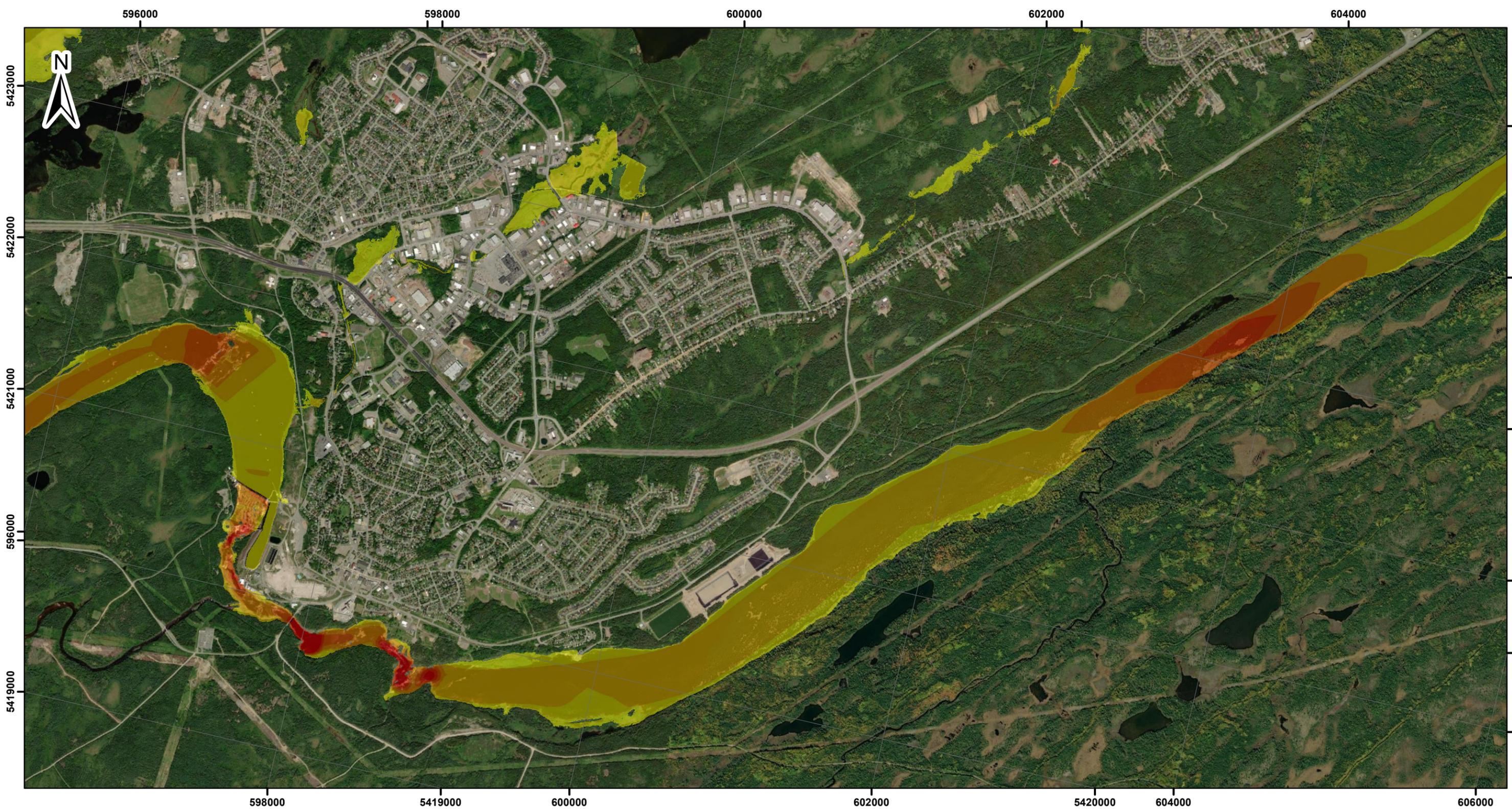


WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
 FLOOD VELOCITY MAP
 1:100 AEP - CURRENT CLIMATE
 OVERVIEW MAP

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

Page 2 of 6



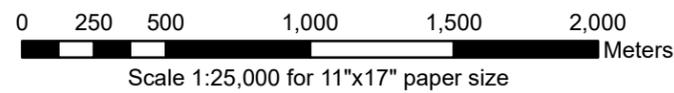
Legend

Velocity (m/s)

- 0 - 1
 - 1 - 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5
- Hydrometric Station

NOTES:

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2. Aerial imagery and topographic map by ESRI.



KEY MAP:



WATER RESOURCES MANAGEMENT DIVISION

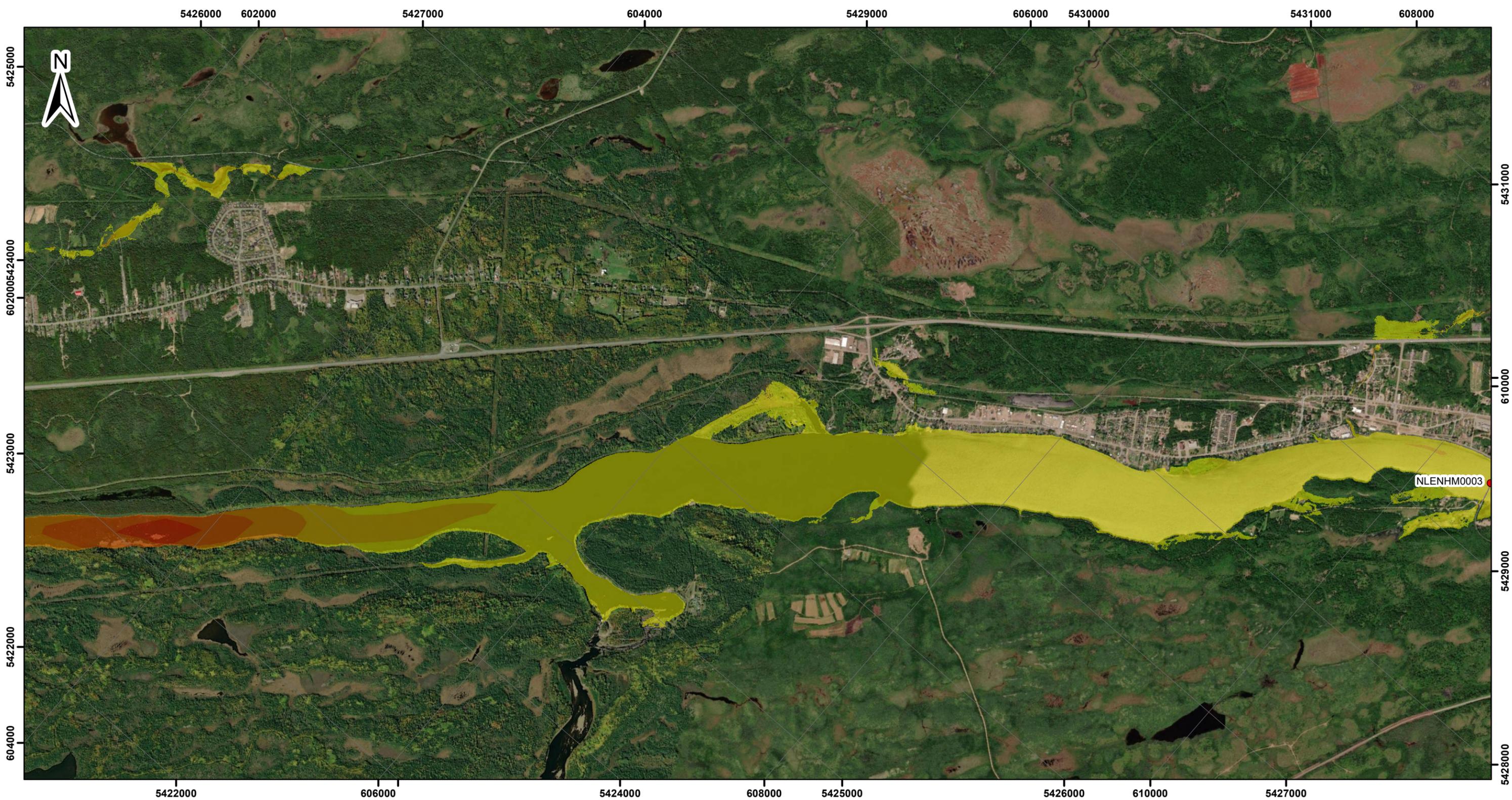
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
 FLOOD VELOCITY MAP
 1:100 AEP - CURRENT CLIMATE
 OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

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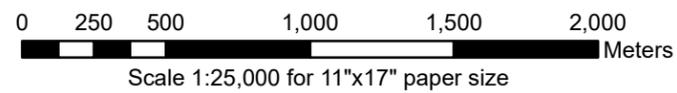
Legend

Velocity (m/s)

- 0 - 1
 - 1 - 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5
- Hydrometric Station

NOTES:

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KEY MAP:

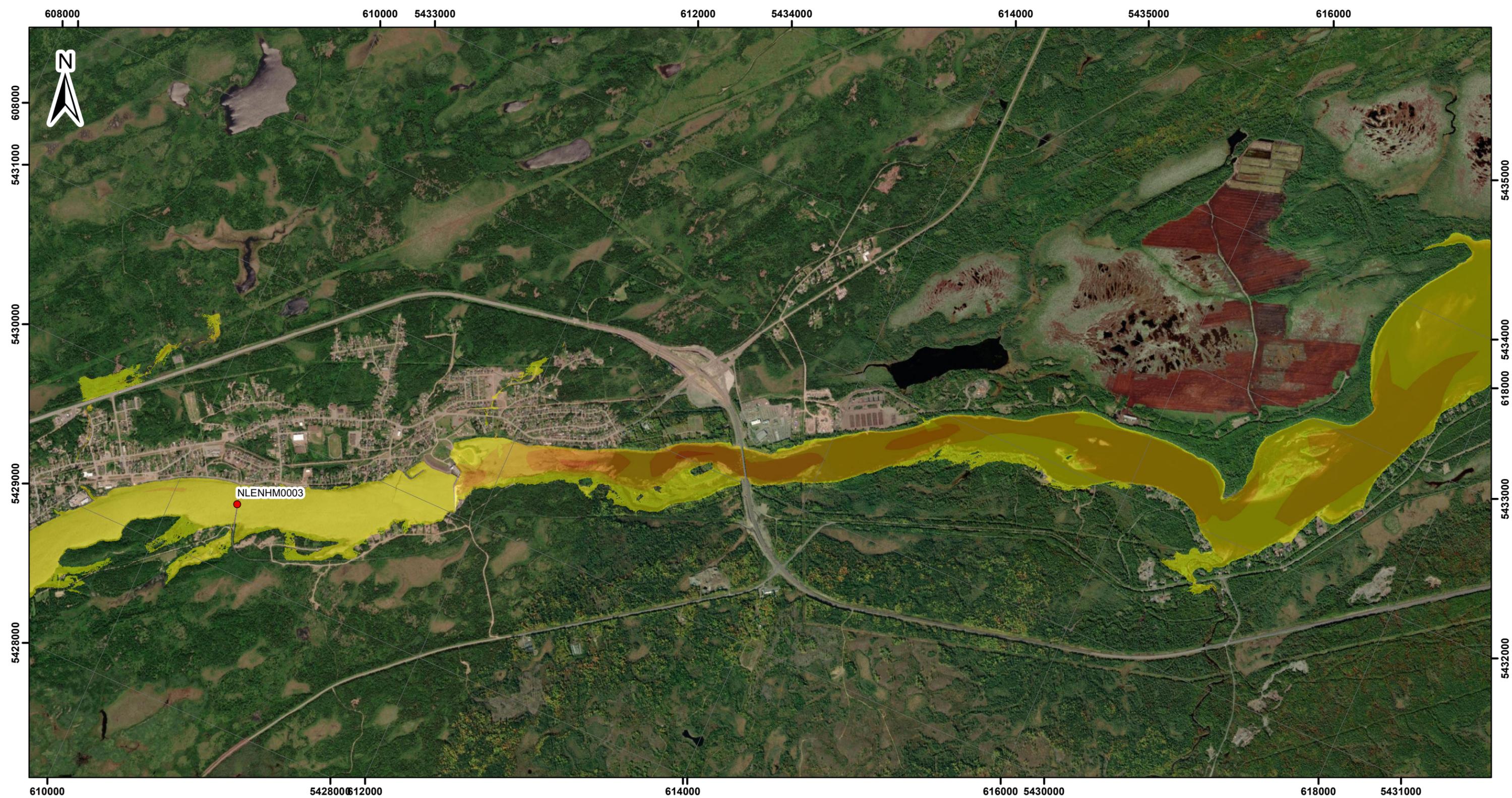


WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
 FLOOD VELOCITY MAP
 1:100 AEP - CURRENT CLIMATE
 OVERVIEW MAP

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

Page 4 of 6



Legend

Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

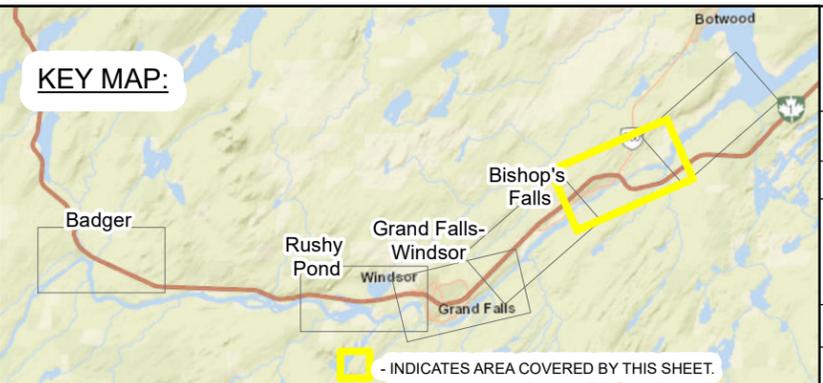
● Hydrometric Station

NOTES:

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

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



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WATER RESOURCES MANAGEMENT DIVISION

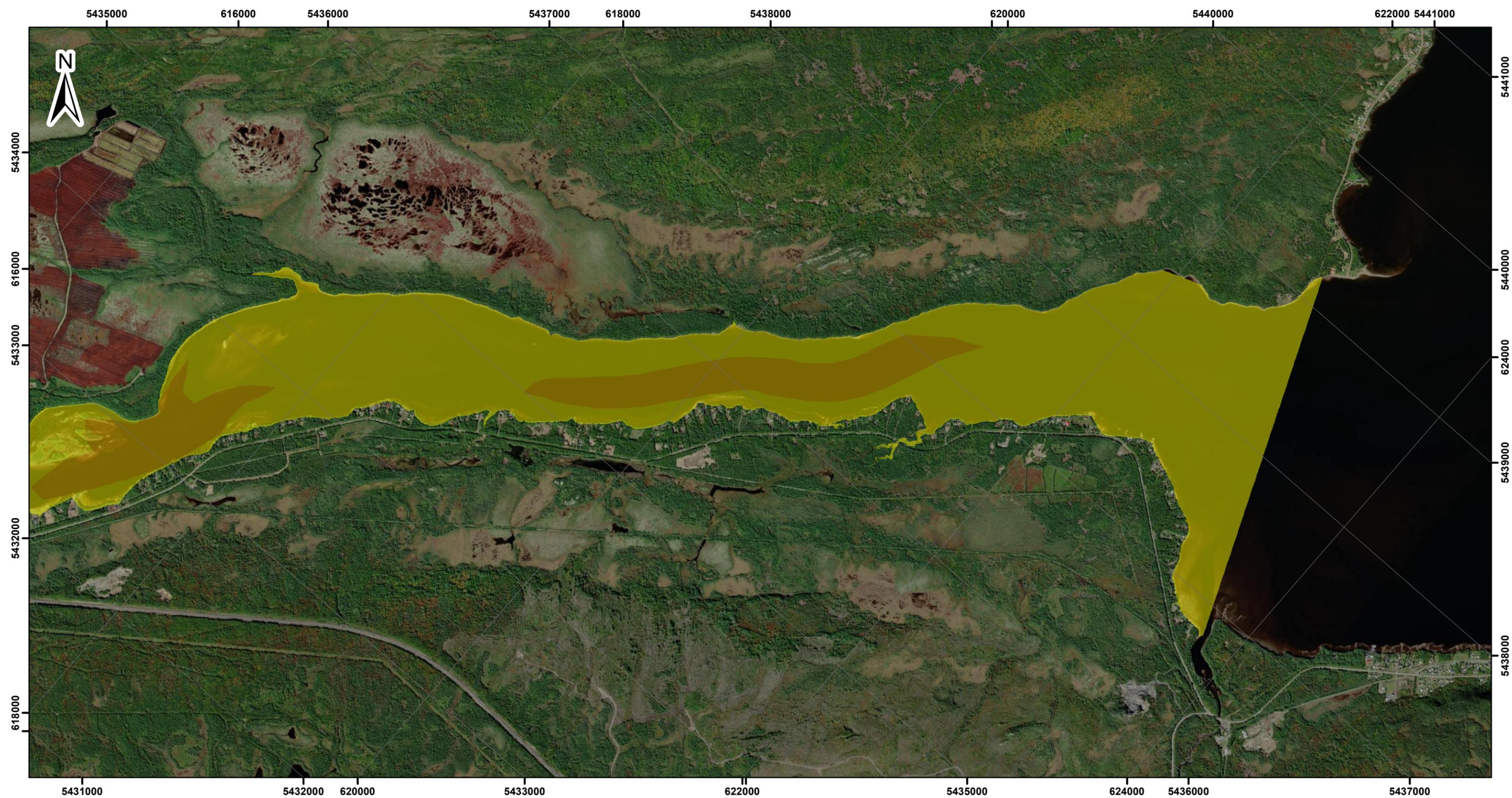
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

Page 5 of 6



Legend

Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

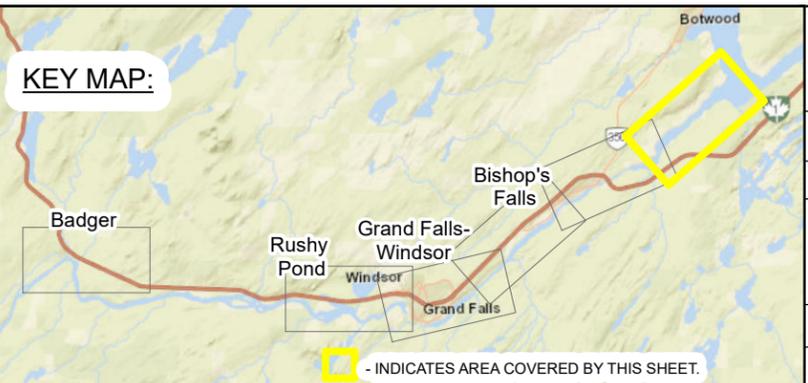
● Hydrometric Station

NOTES:

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

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



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WATER RESOURCES MANAGEMENT DIVISION

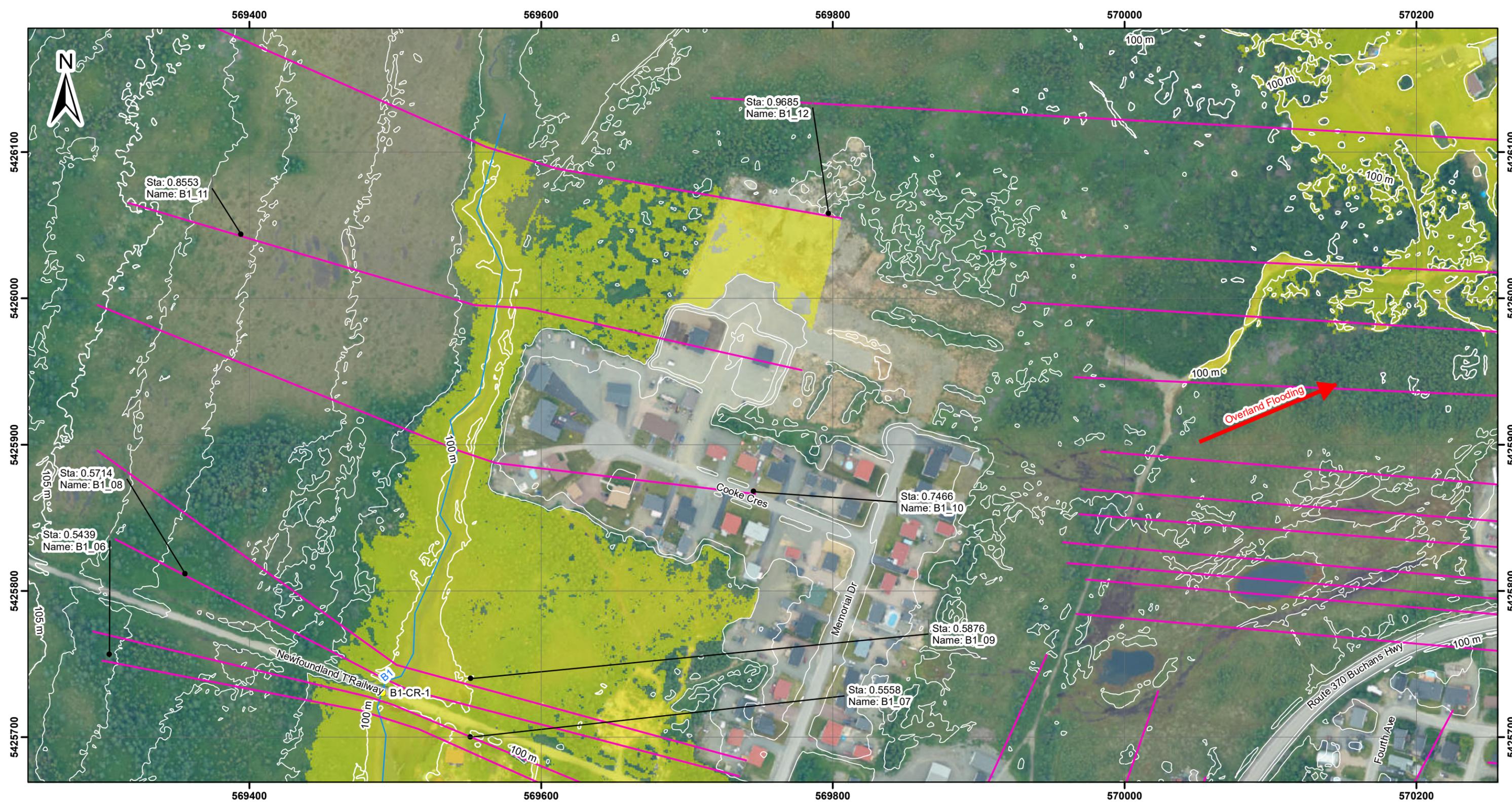
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
OVERVIEW MAP

DATE: 05/17/2021

PROJECT #: H-358566

Page 6 of 6



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

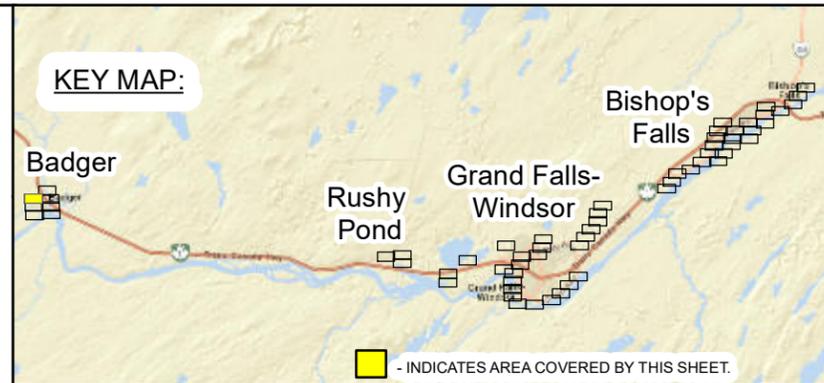
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
 Sta: Station
 Name: Survey ID (n/a if not surveyed)

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



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WATER RESOURCES MANAGEMENT DIVISION

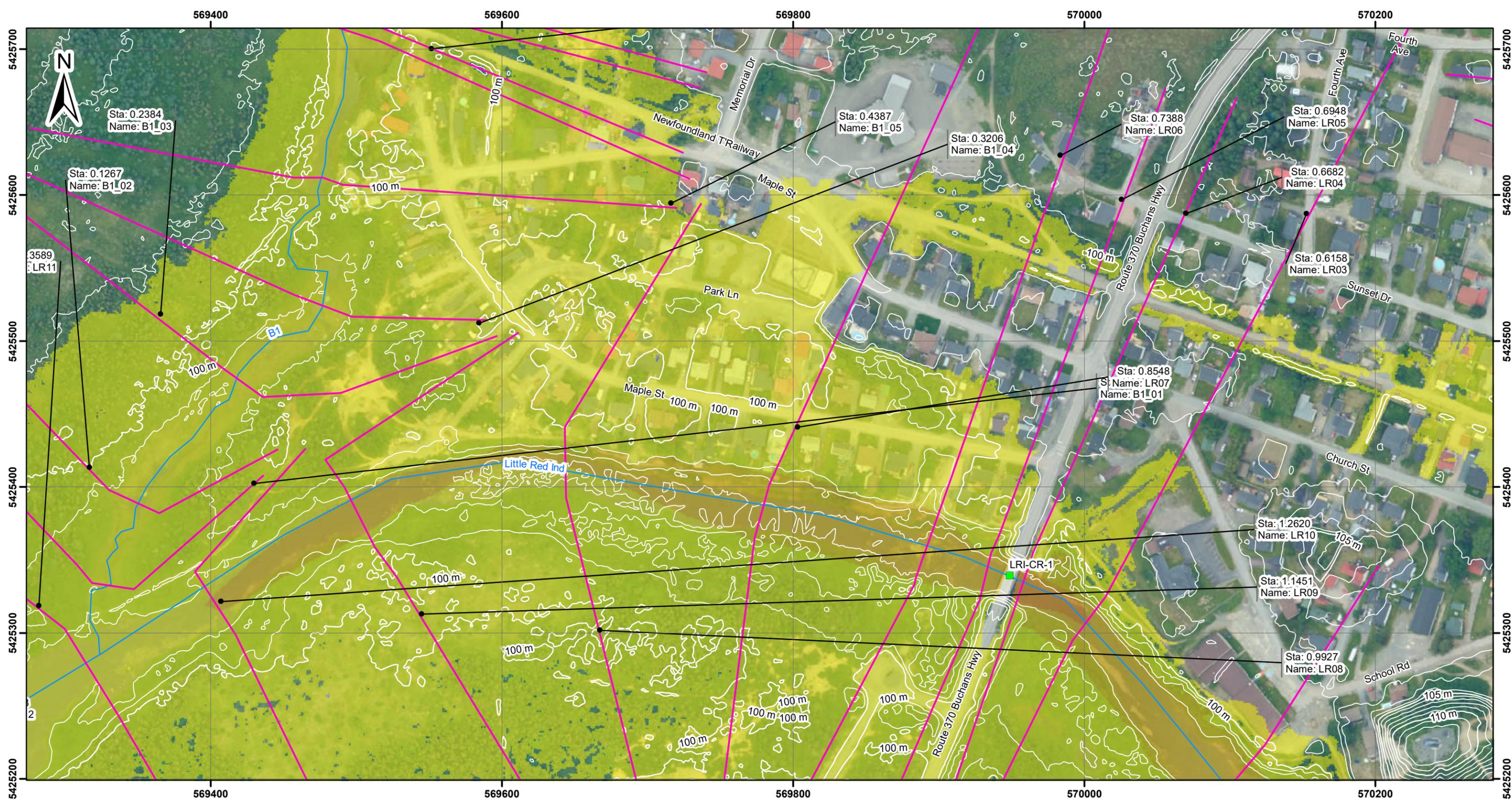
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 1 of 61



Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

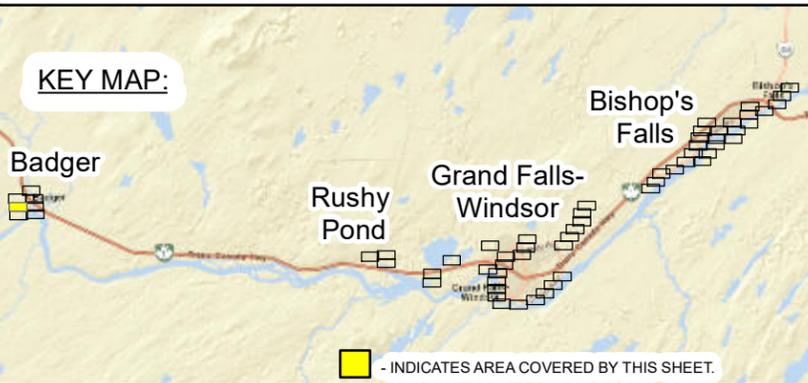
- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- Cross Sections

NOTES:

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0 15 30 60 90 120 Meters

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



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WATER RESOURCES MANAGEMENT DIVISION

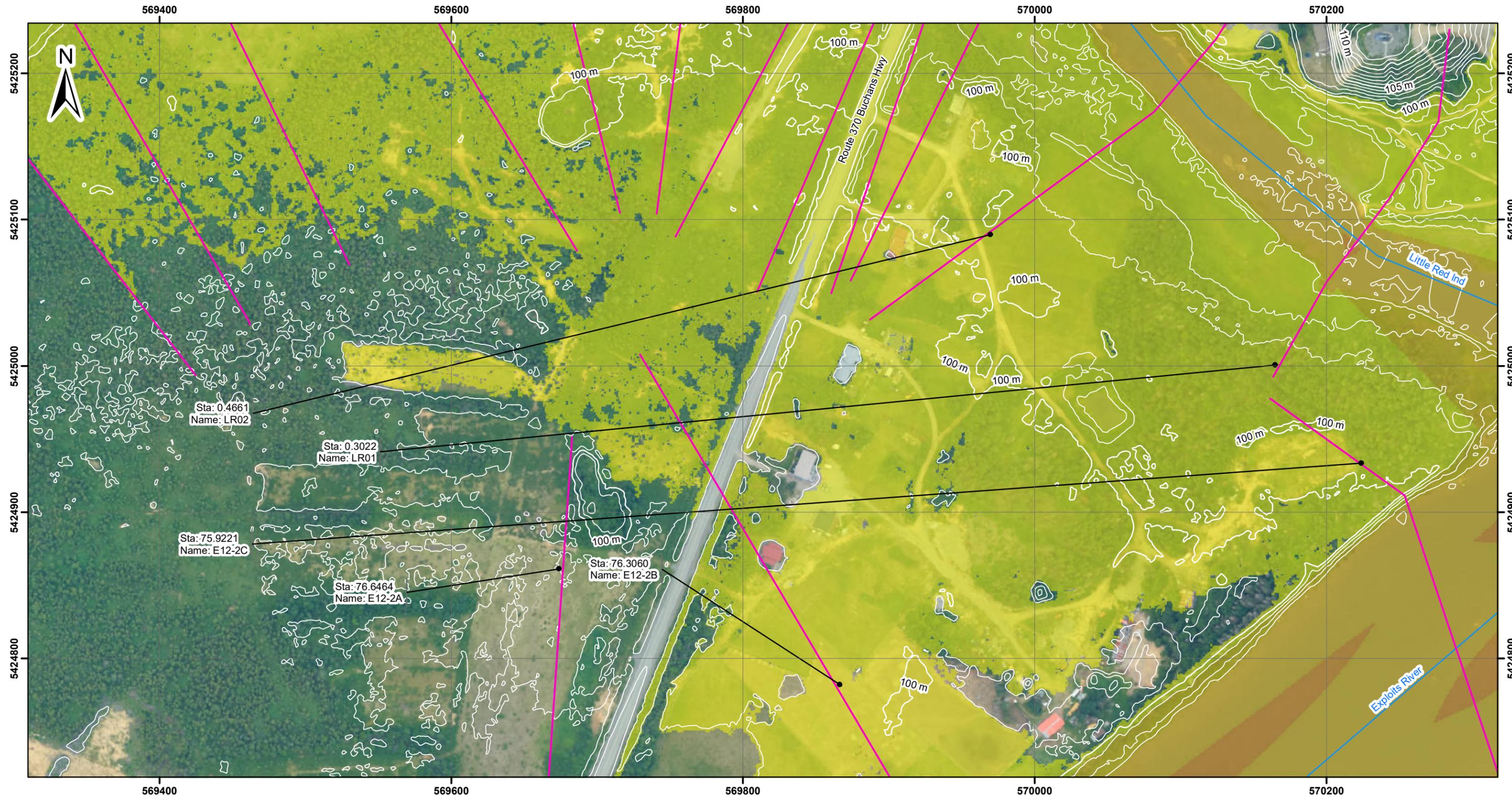
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 2 of 61



Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

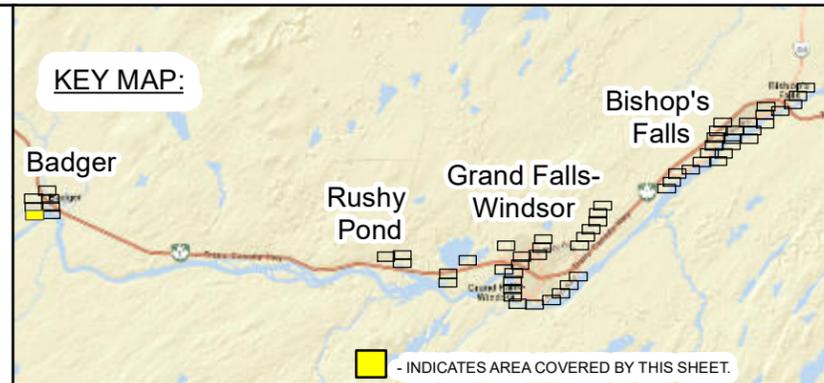
- Overland Flooding
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- 1 m Contours
- Bridge
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0 15 30 60 90 120 Meters

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



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WATER RESOURCES MANAGEMENT DIVISION

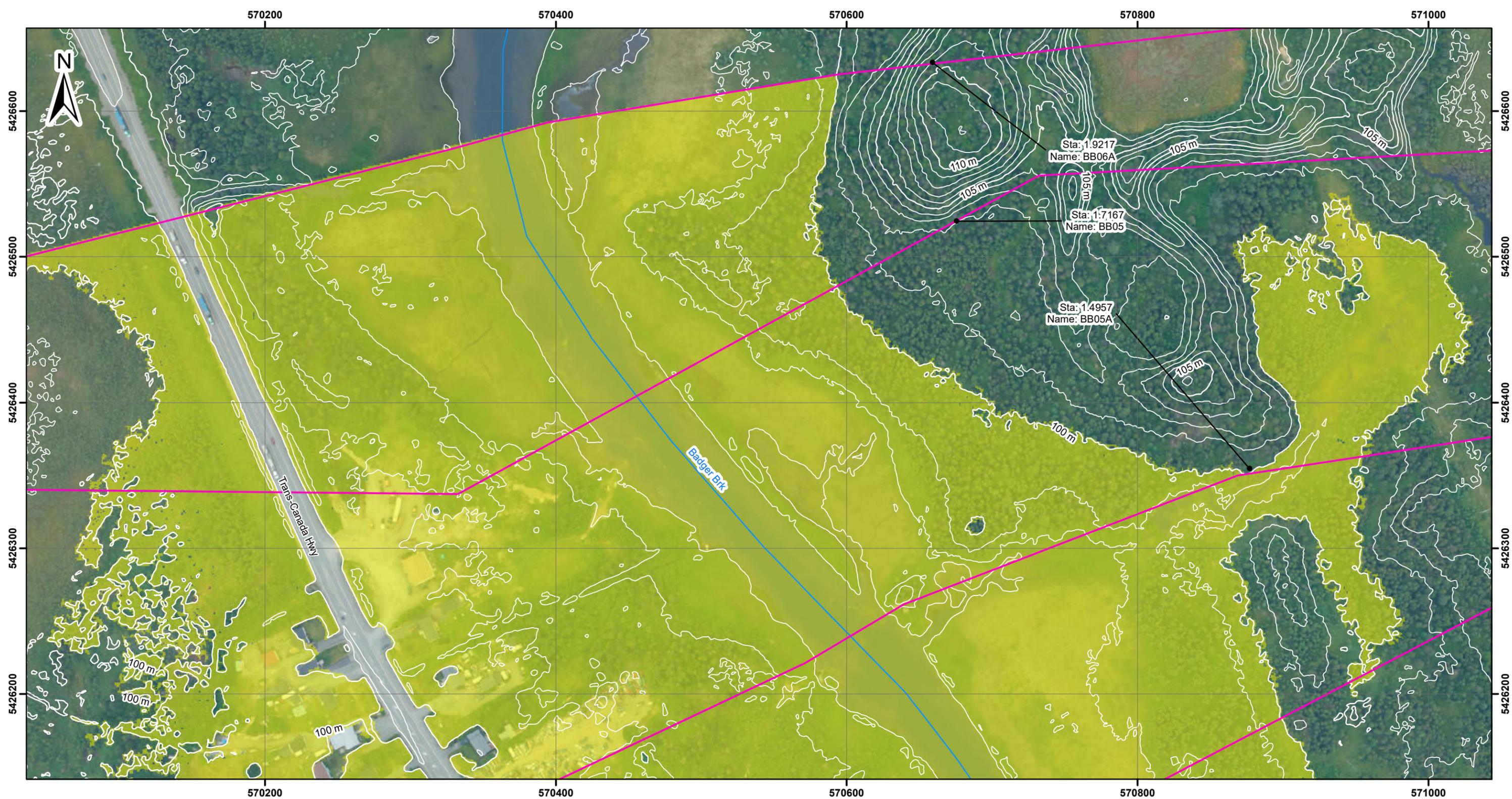
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 3 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

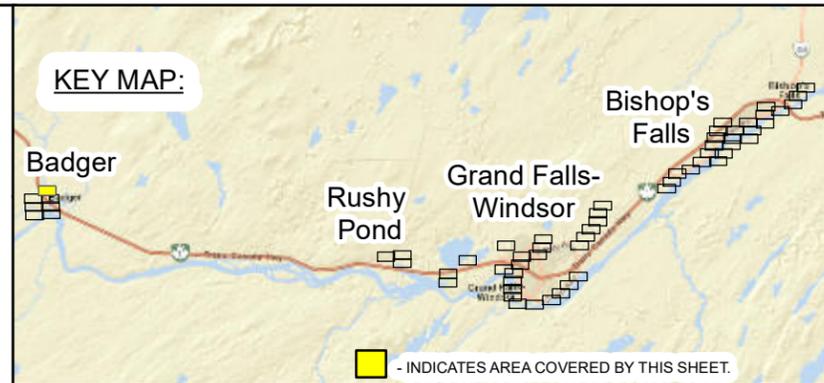
Overland Flooding
 Watercourse Centerline
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 Sta: Station
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Scale 1:2,500 for 11"x17" paper size



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WATER RESOURCES MANAGEMENT DIVISION

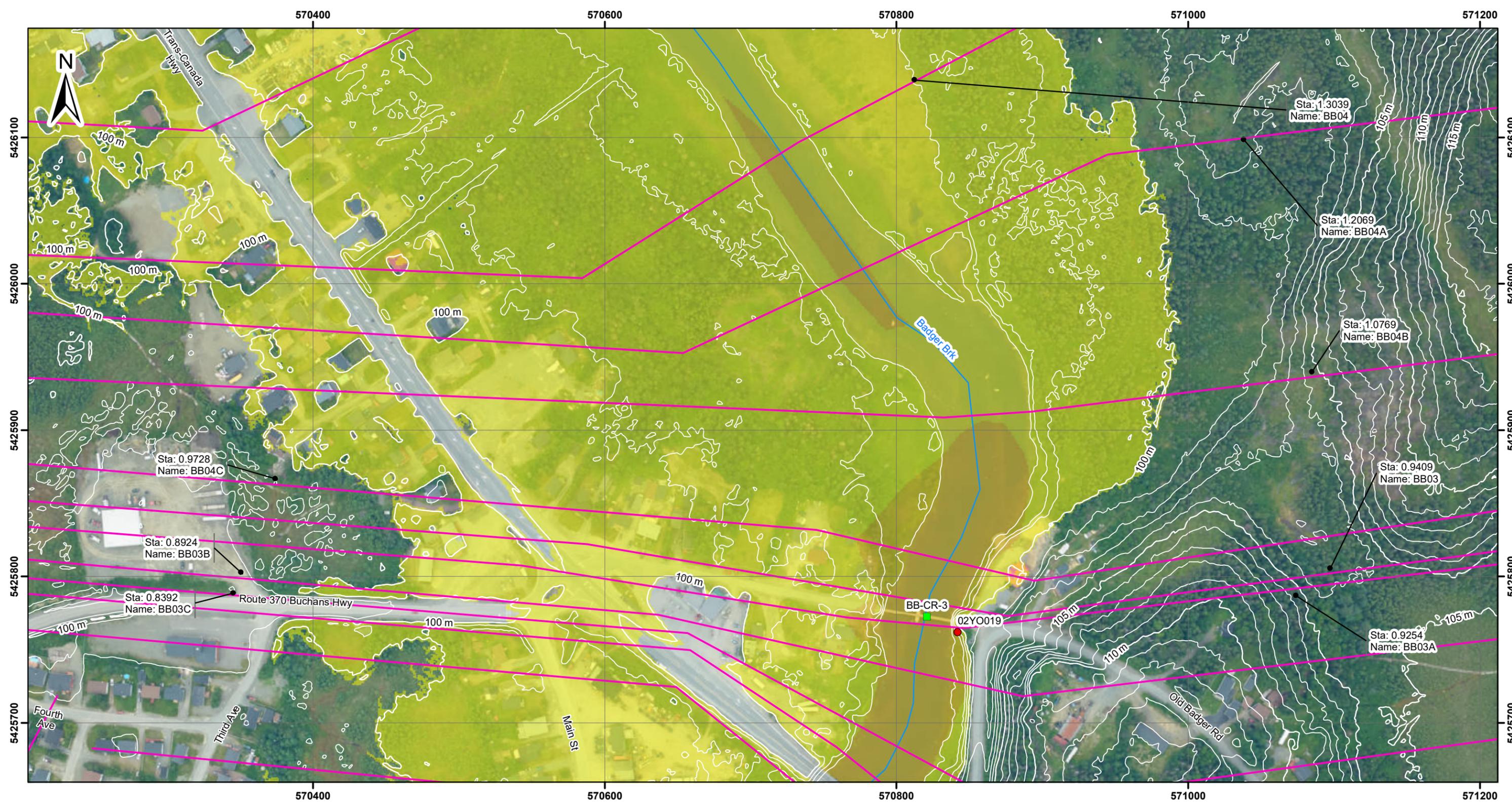
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 4 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

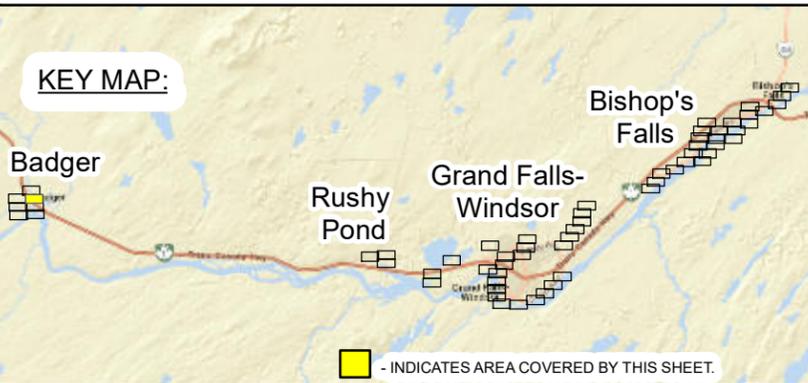
Overland Flooding
 Watercourse Centerline
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0 15 30 60 90 120 Meters

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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 5 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

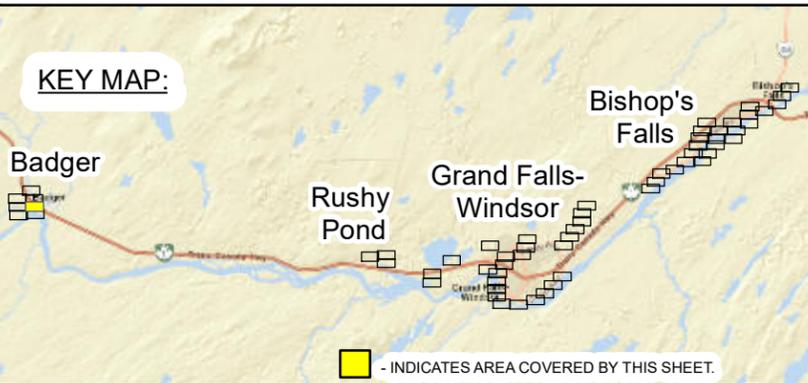
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Scale 1:2,500 for 11"x17" paper size



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WATER RESOURCES MANAGEMENT DIVISION

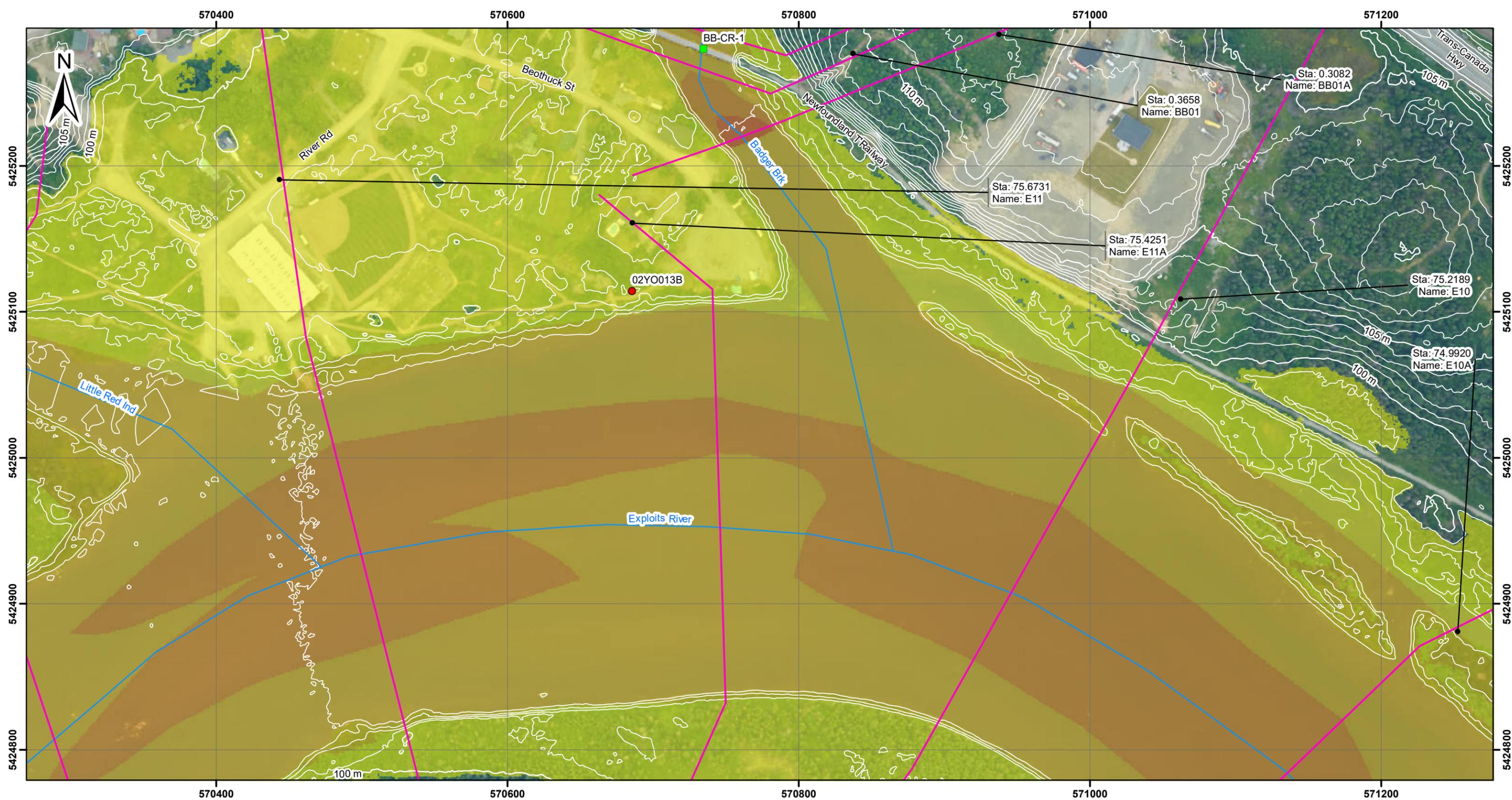
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 6 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

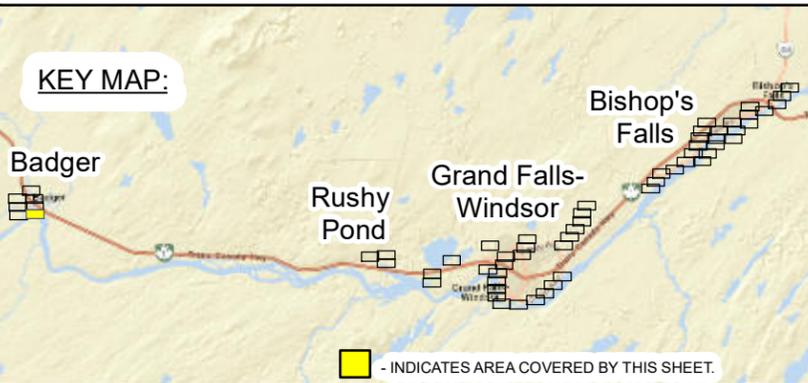
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0 15 30 60 90 120 Meters

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WATER RESOURCES MANAGEMENT DIVISION

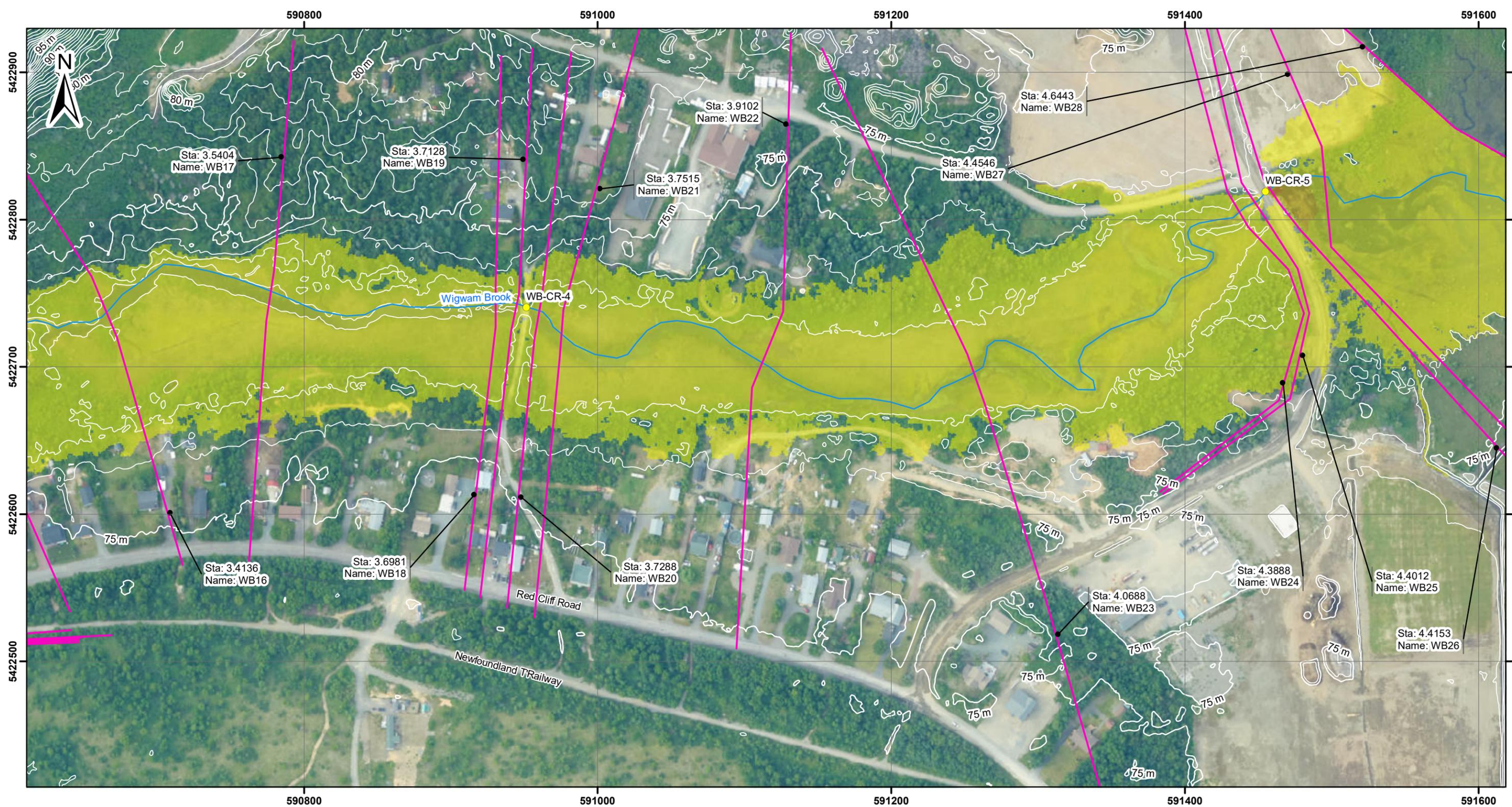
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 7 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

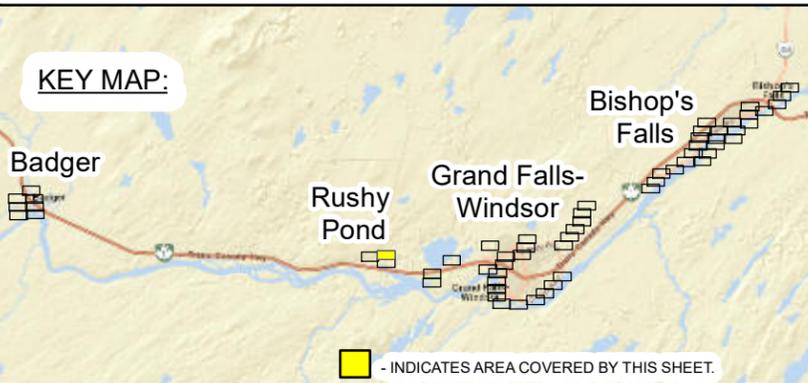
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
 Sta: Station
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0 15 30 60 90 120 Meters

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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

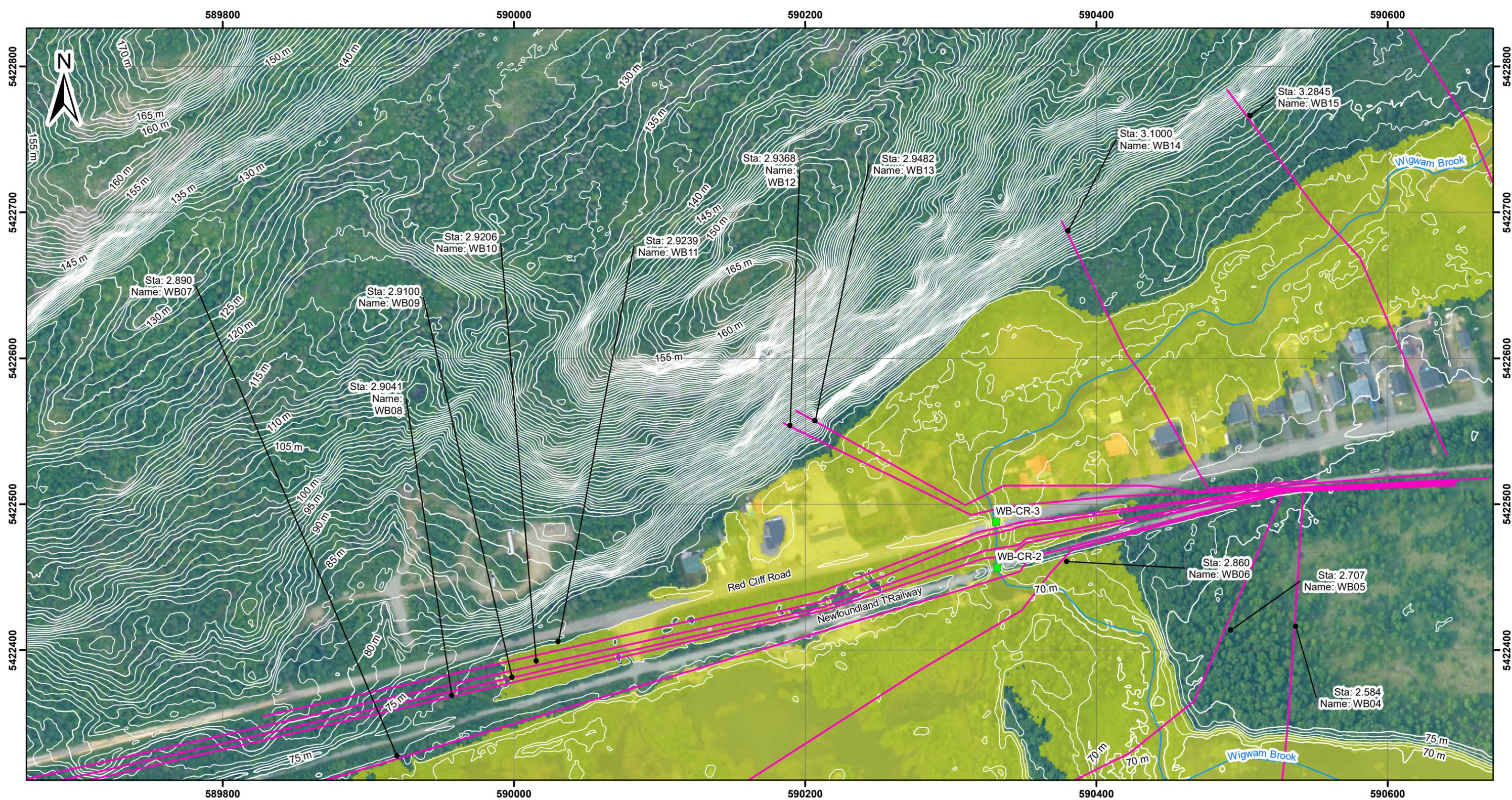
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 8 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

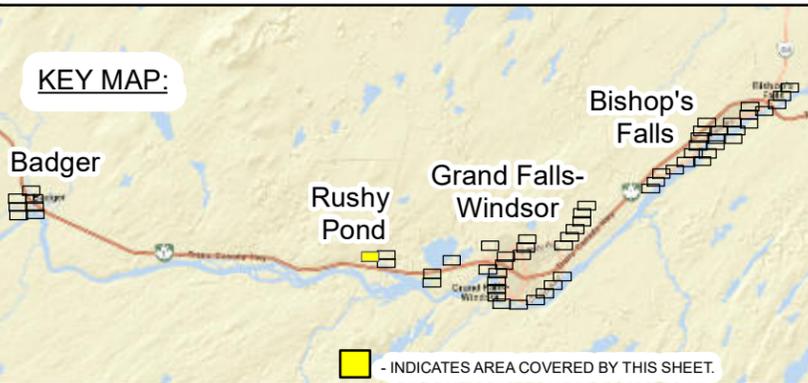
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Scale 1:2,500 for 11"x17" paper size



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

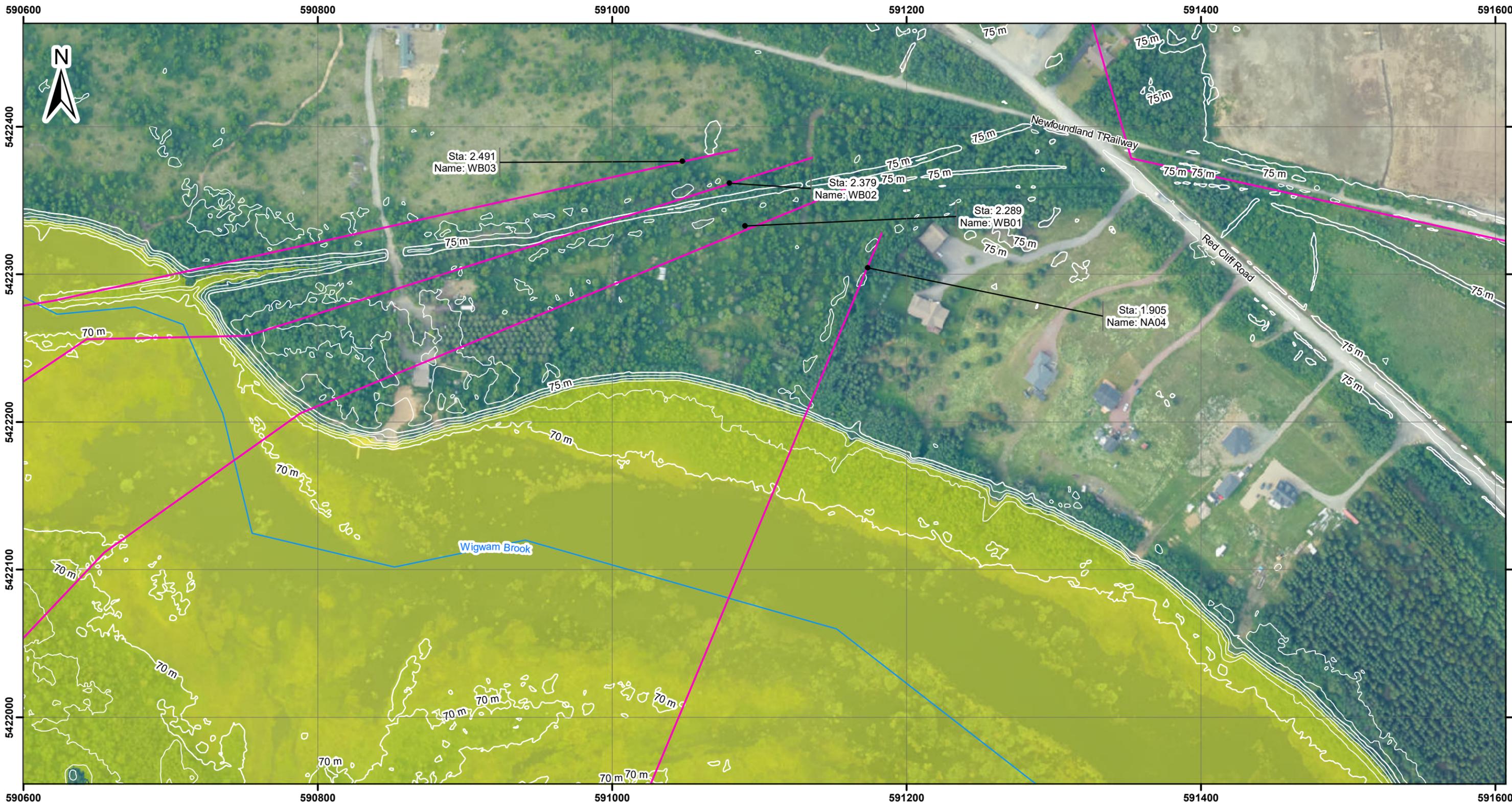
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

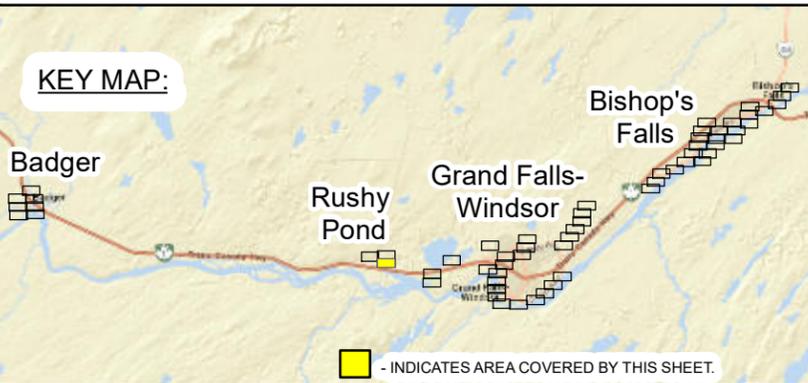
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
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 Hydrometric Station
 Sta: Station
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0 15 30 60 90 120 Meters

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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

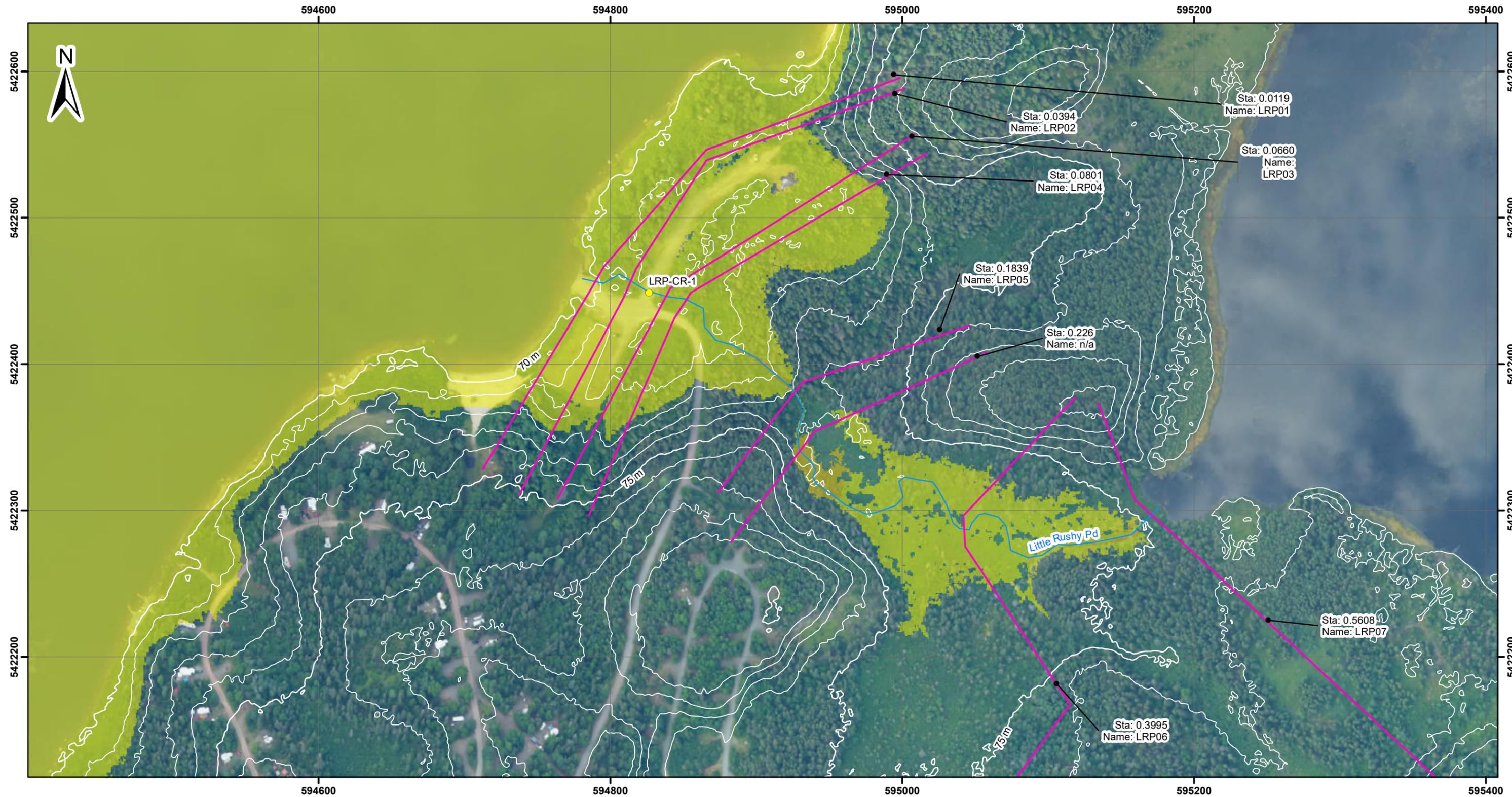
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

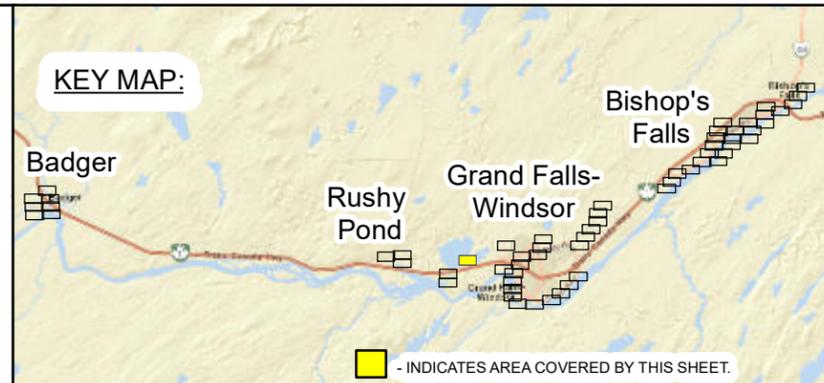
- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
- Cross Sections

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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

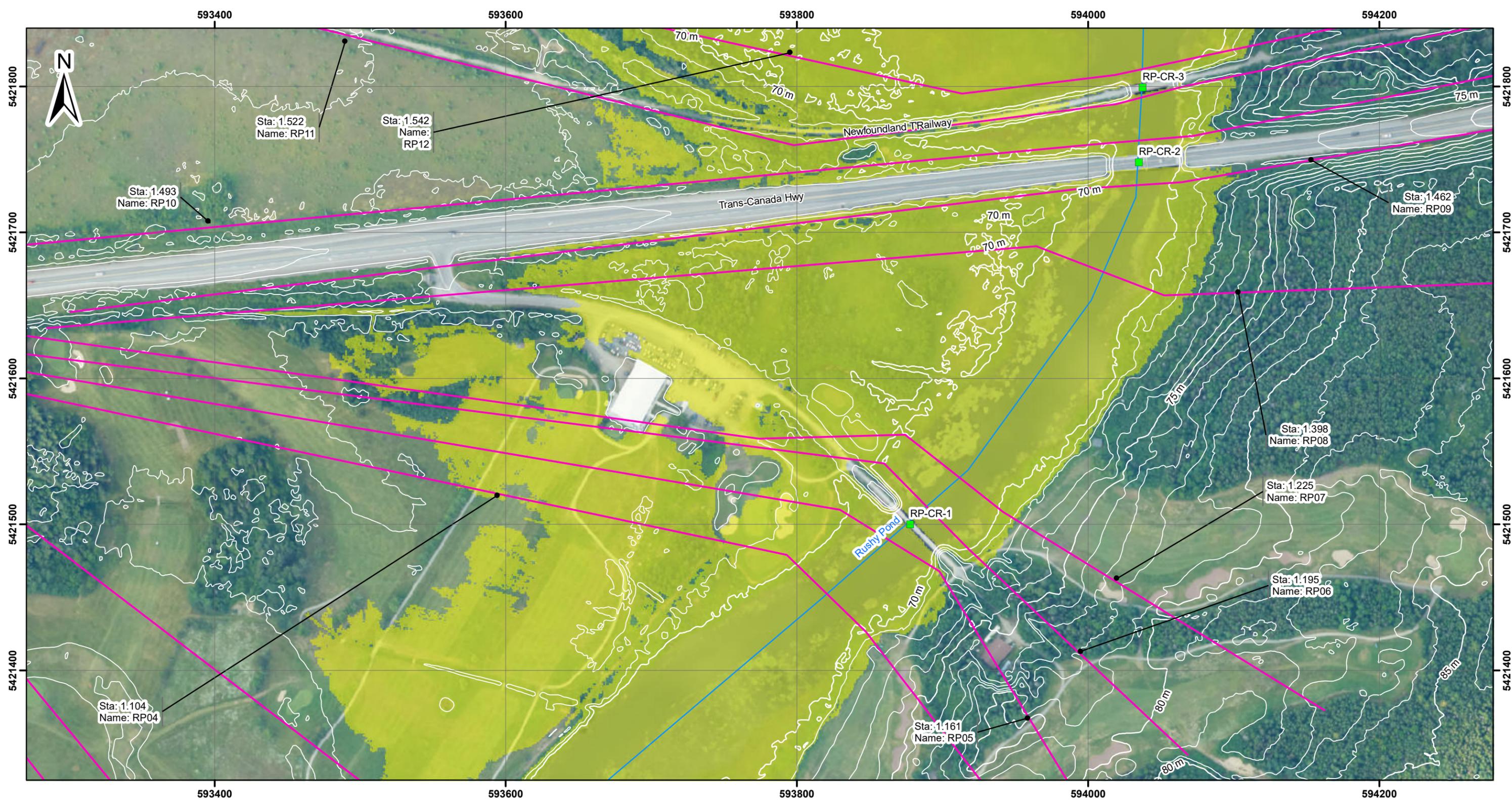
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 11 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

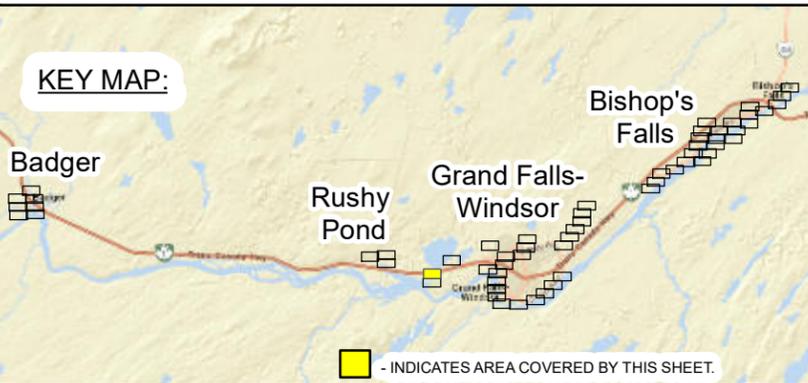
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
 Sta: Station
 Name: Survey ID (n/a if not surveyed)

NOTES:

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0 15 30 60 90 120 Meters

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



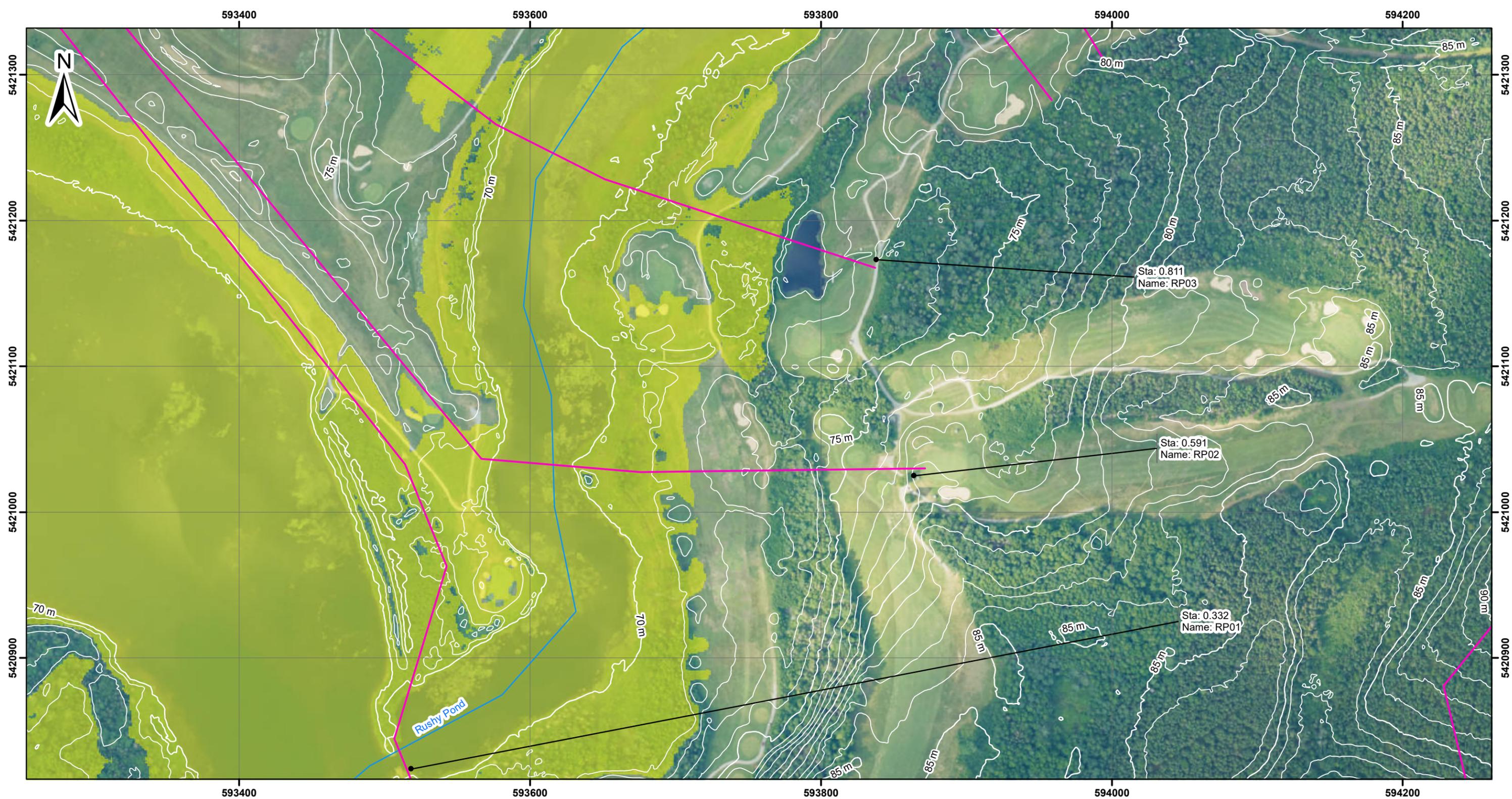
HATCH Newfoundland Labrador

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Legend

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0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

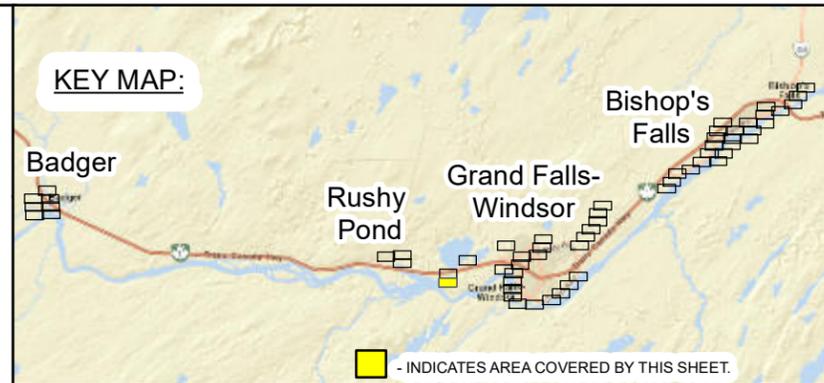
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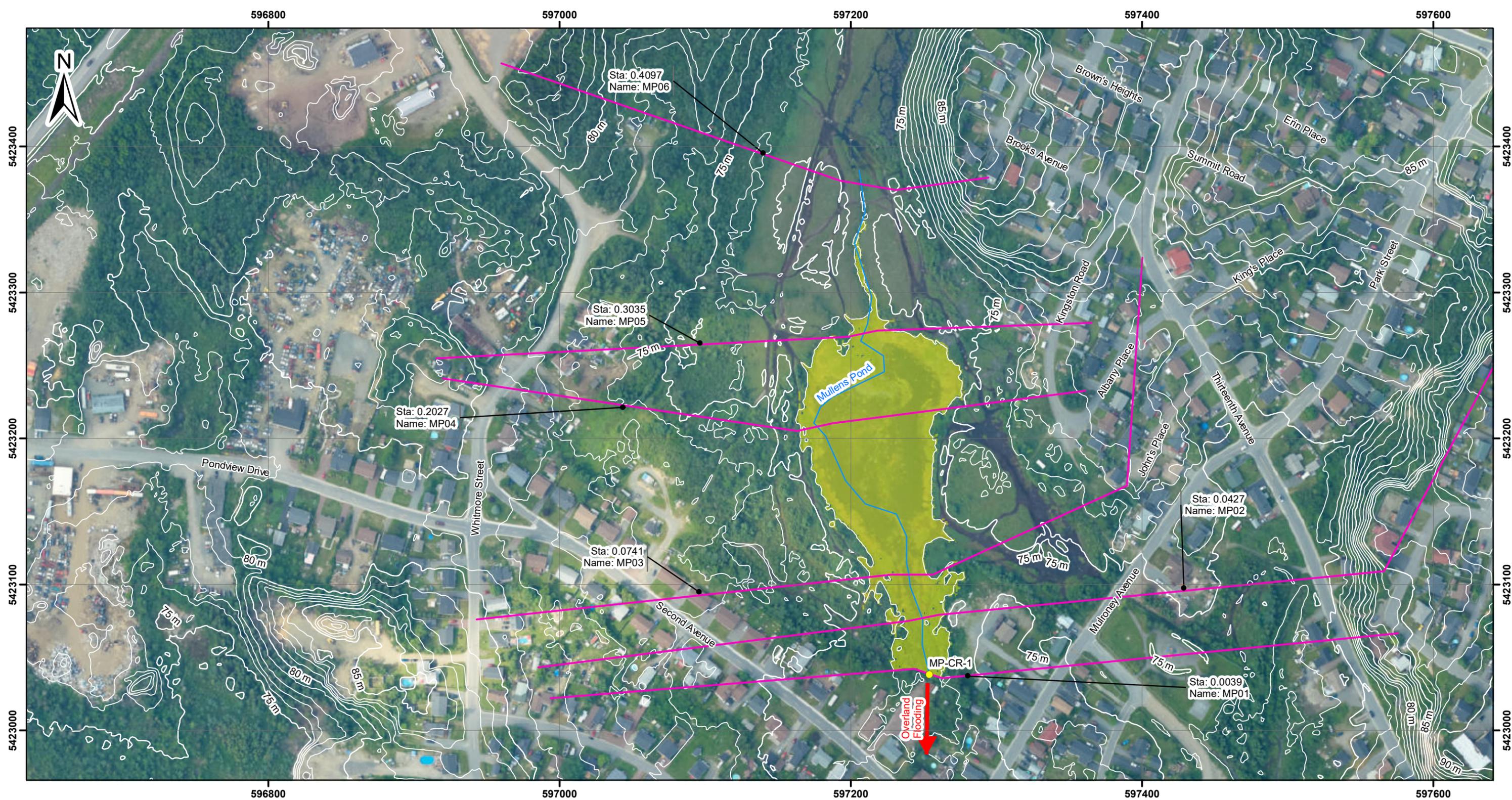
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Legend

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- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

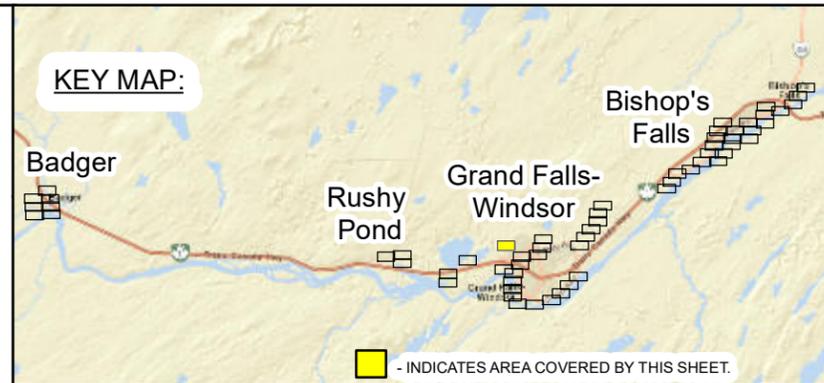
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- Watercourse Centerline
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- Bridge
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- Sta: Station
- Name: Survey ID (n/a if not surveyed)
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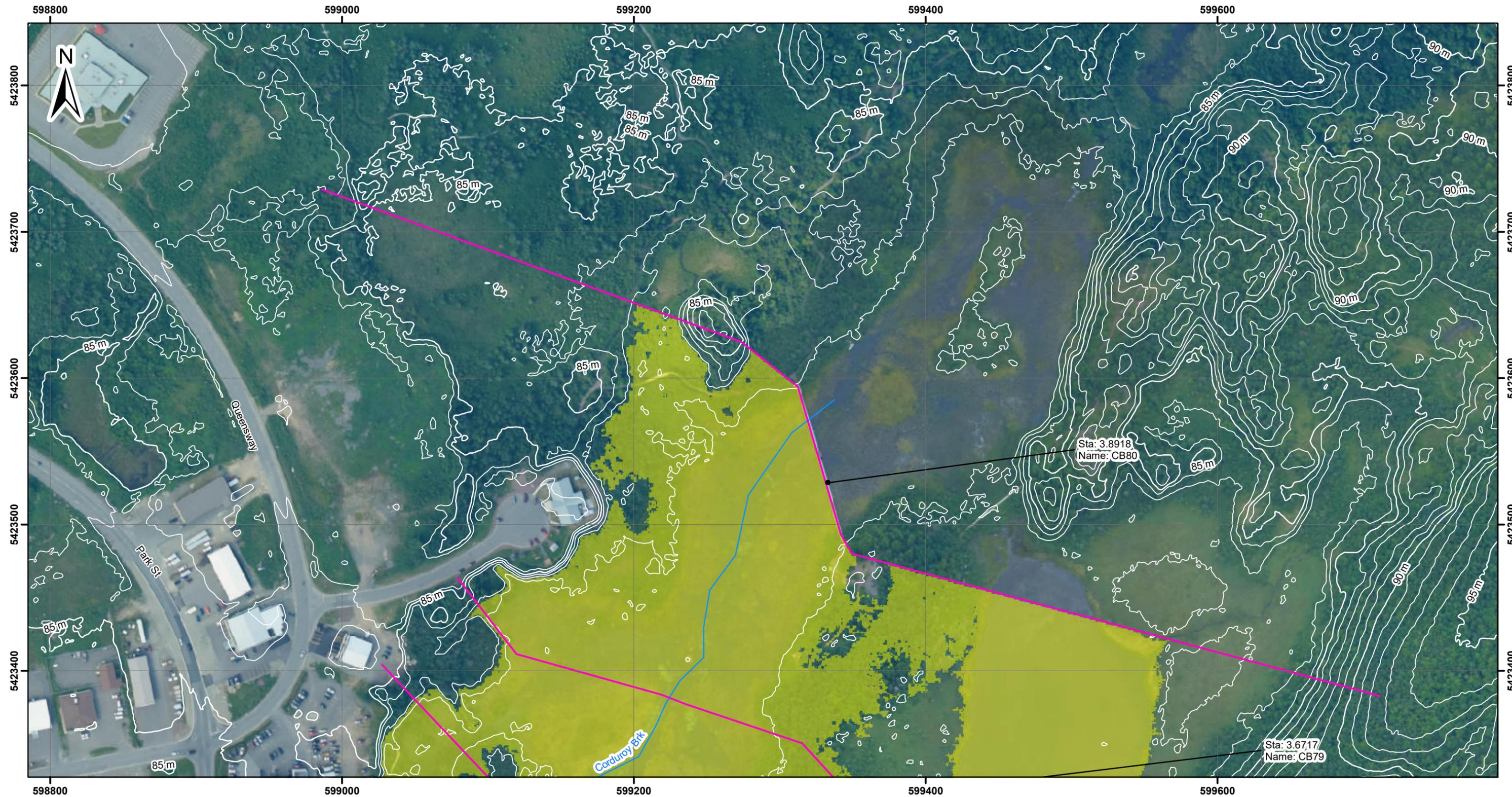
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0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

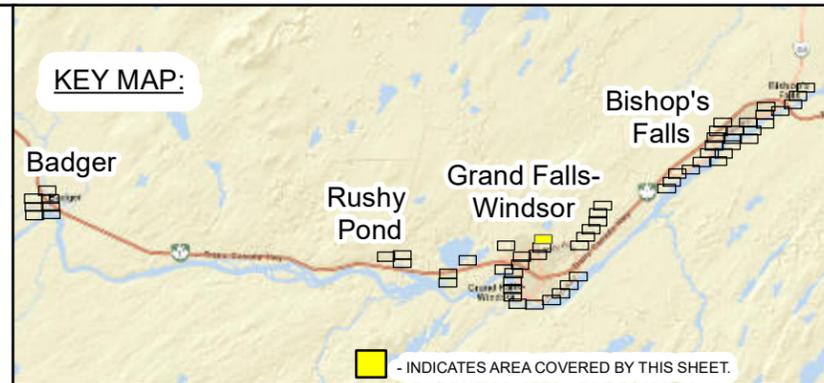
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Water Velocity (m/s)

- 0 - 1
- 1 - 2
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- 3 - 4
- 4 - 5
- > 5

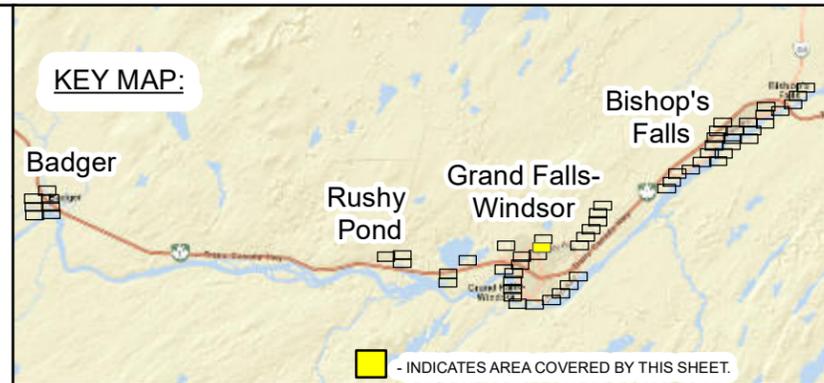
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WATER RESOURCES MANAGEMENT DIVISION

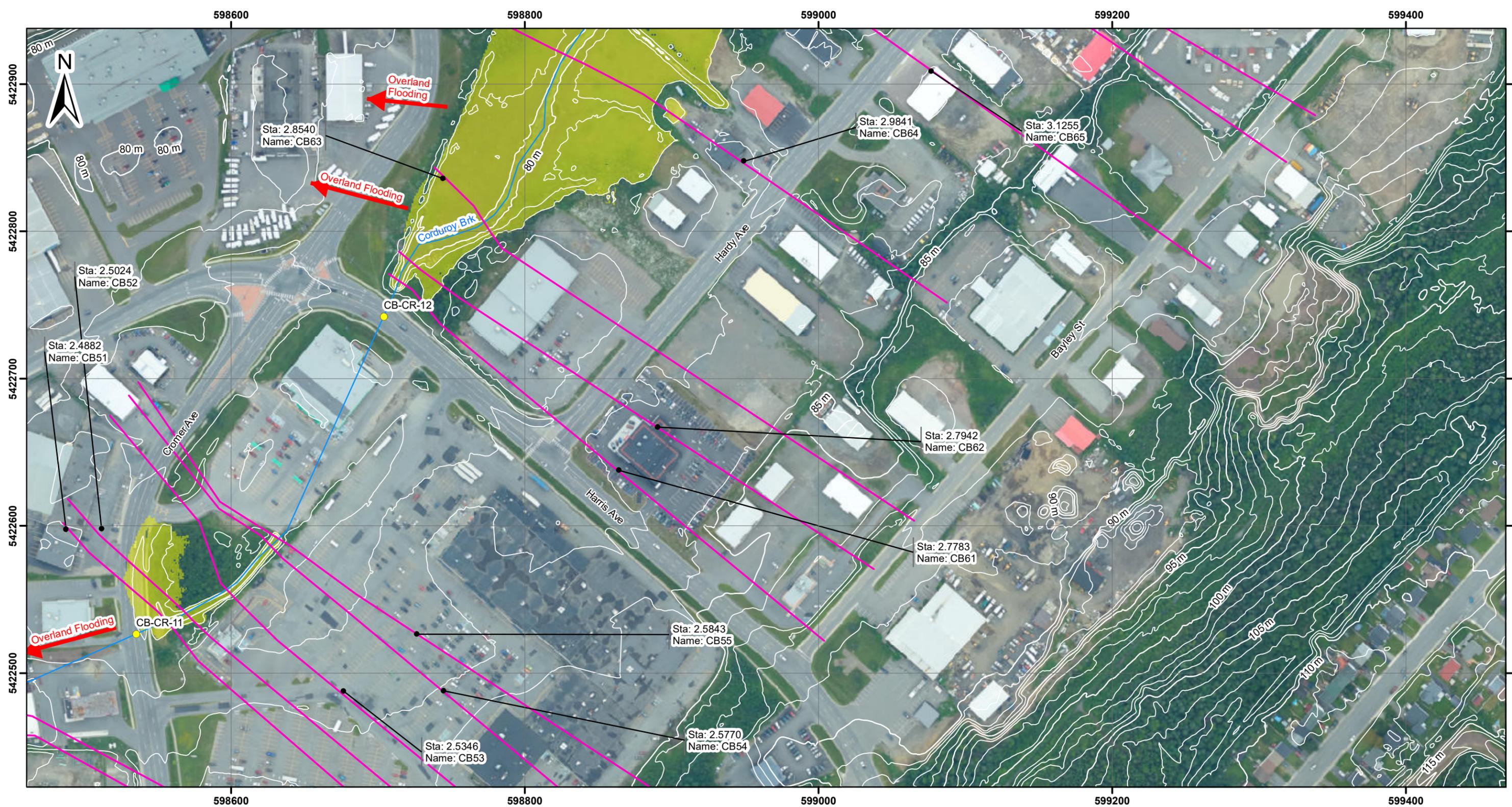
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DETAIL MAP

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Legend

Water Velocity (m/s)

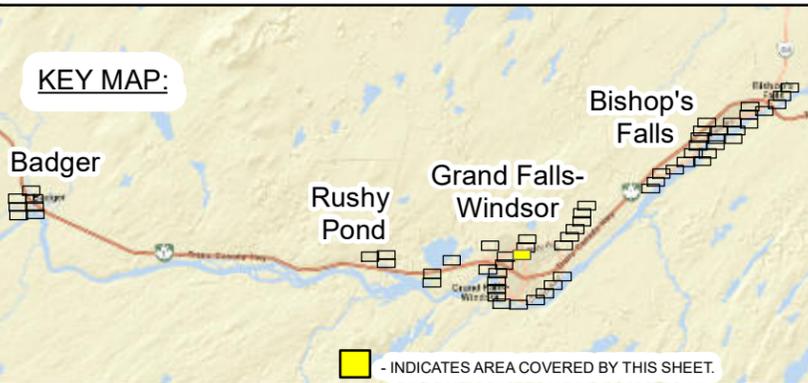
Lightest Yellow	0 - 1
Light Yellow	1 - 2
Yellow-Orange	2 - 3
Orange	3 - 4
Dark Orange	4 - 5
Darkest Orange	> 5

Overland Flooding
 Watercourse Centerline
 1 m Contours
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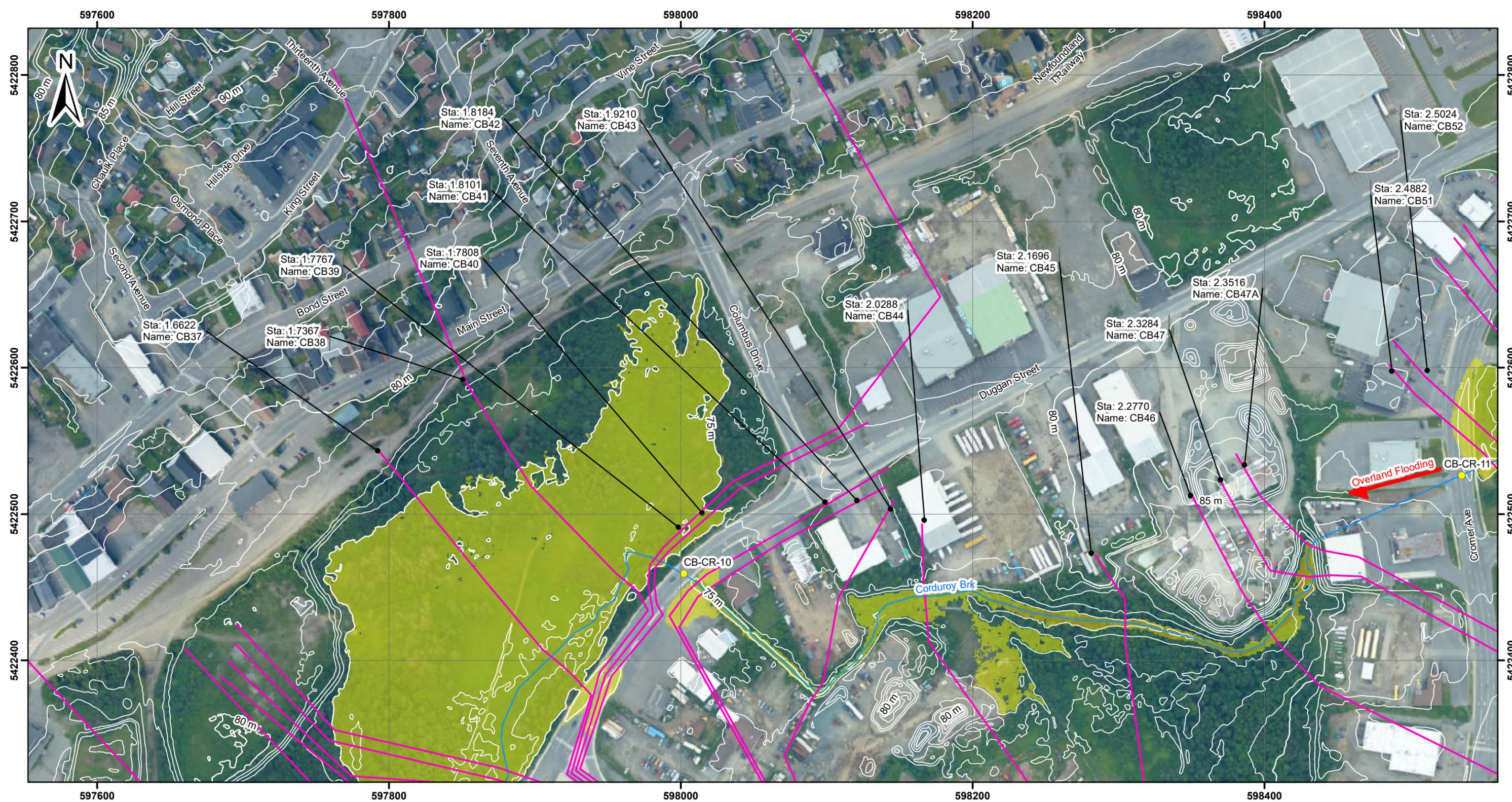
HATCH

WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

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DETAIL MAP

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

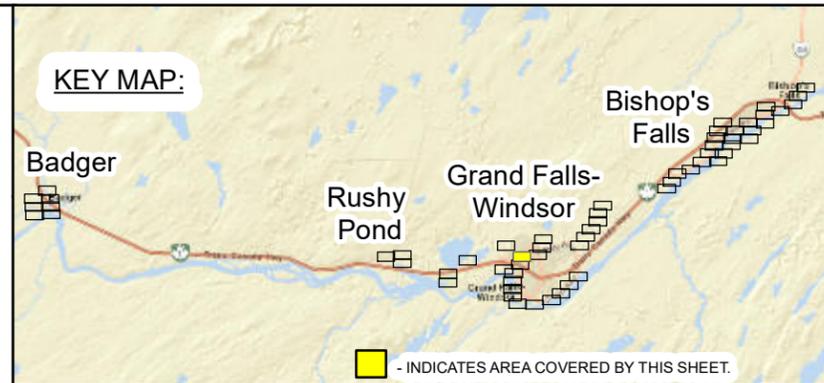
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WATER RESOURCES MANAGEMENT DIVISION

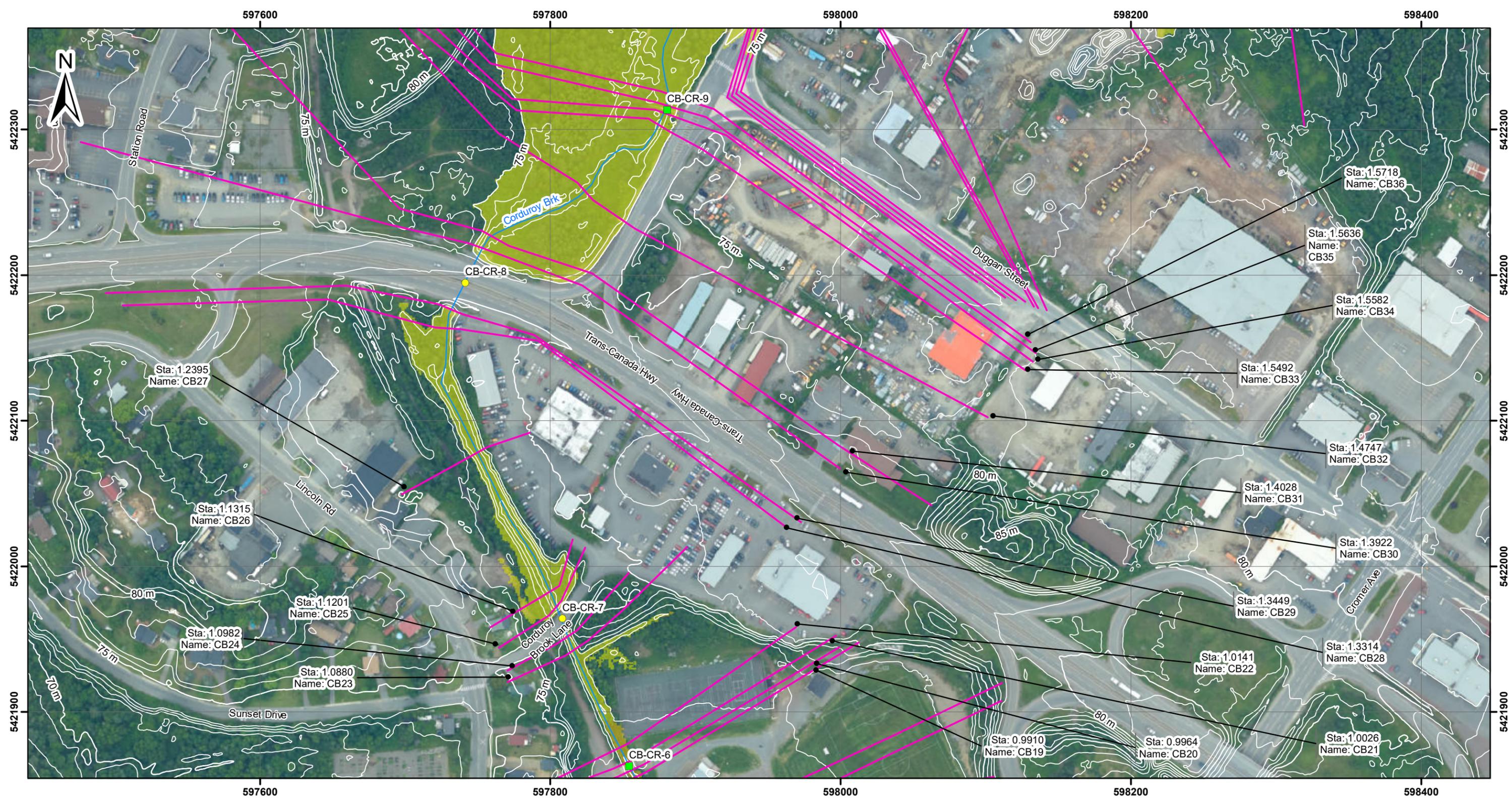
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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

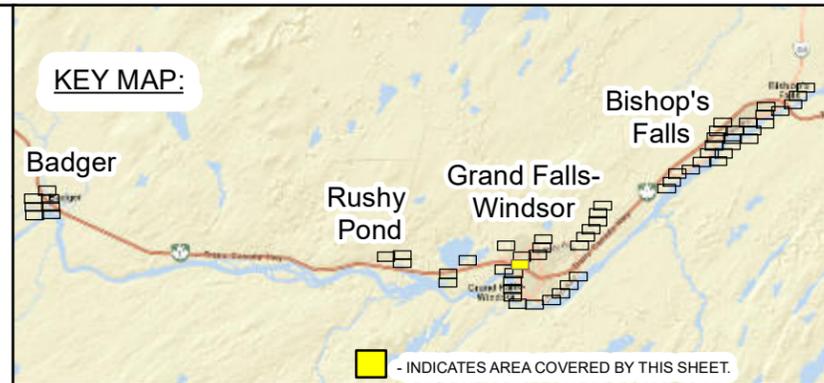
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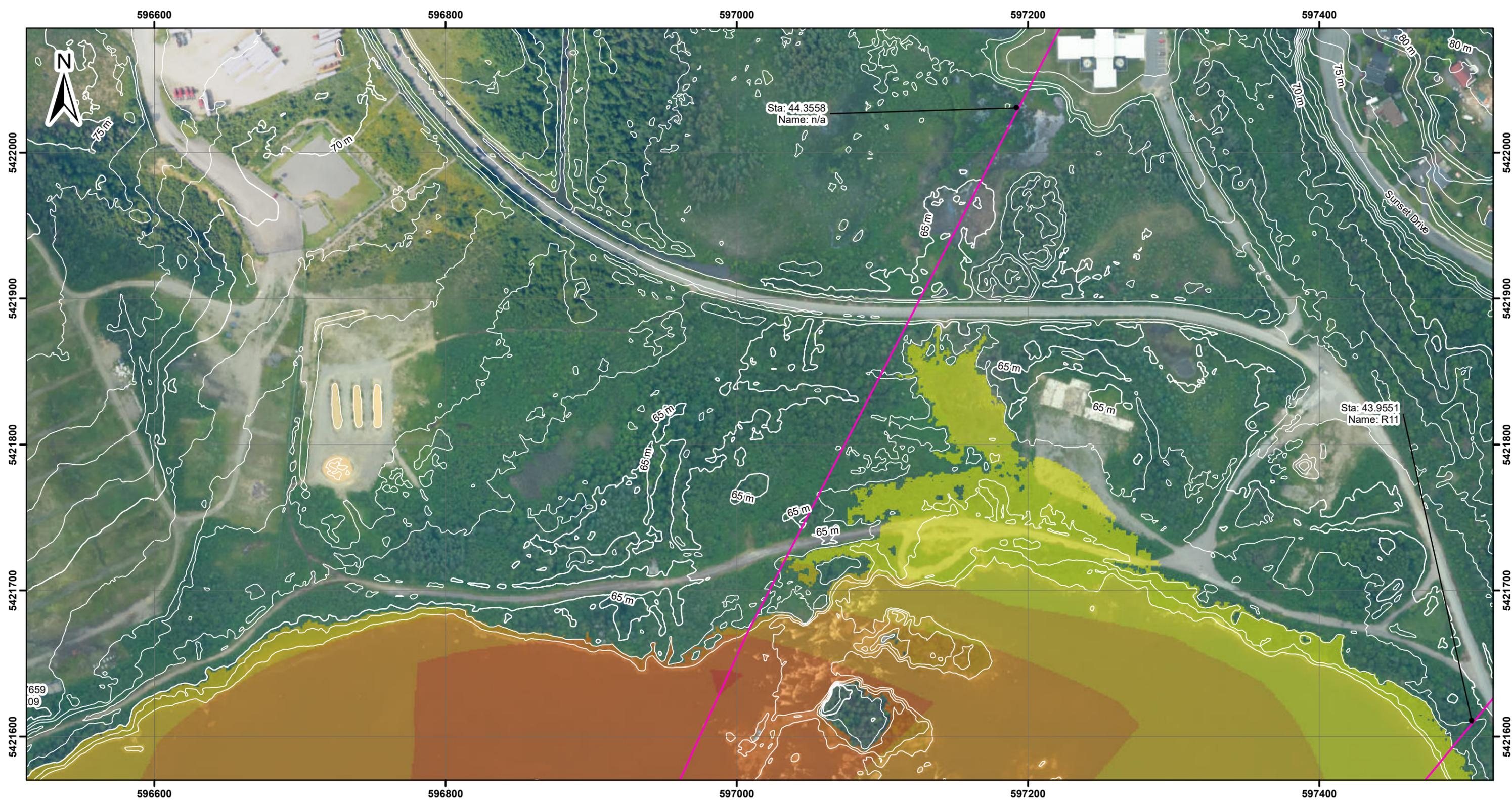
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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

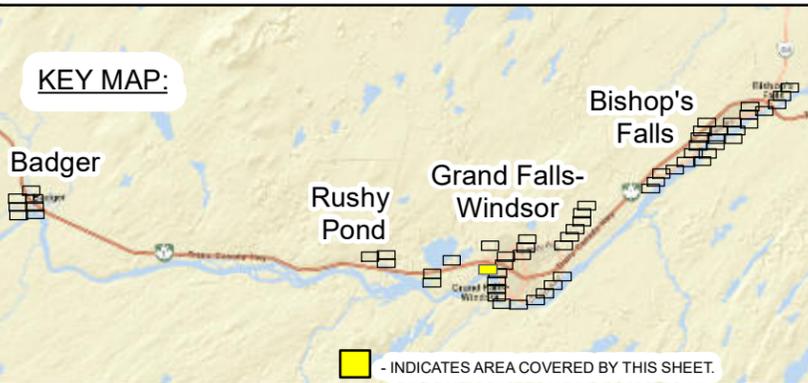
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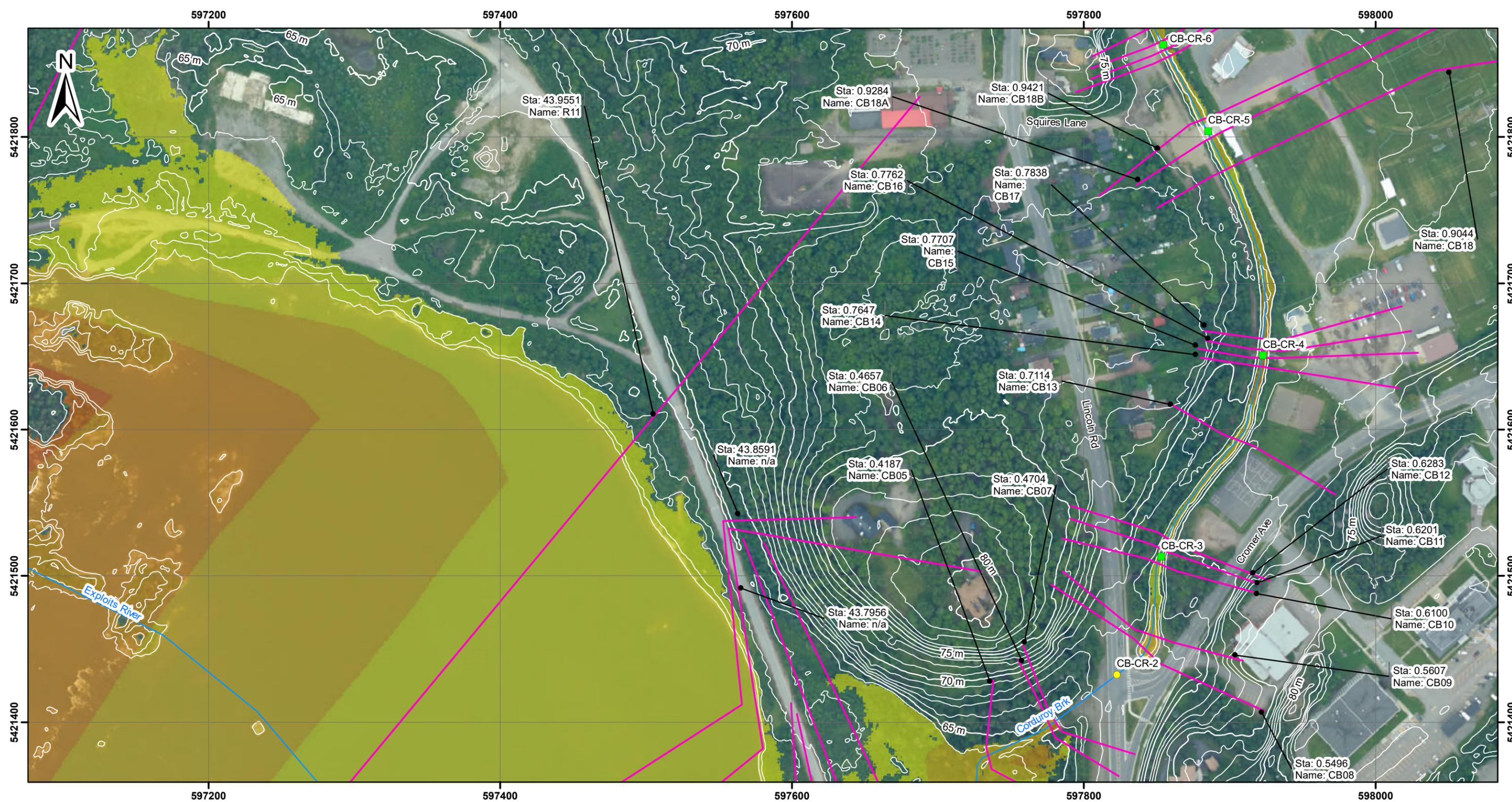
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WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
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1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021	Page 20 of 61
PROJECT #: H-358566	



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

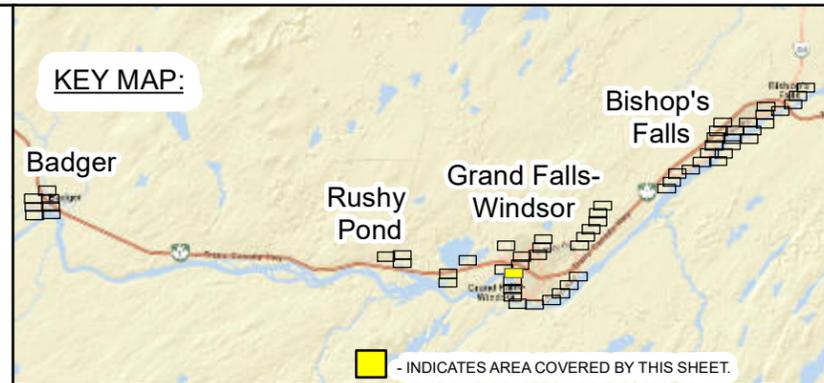
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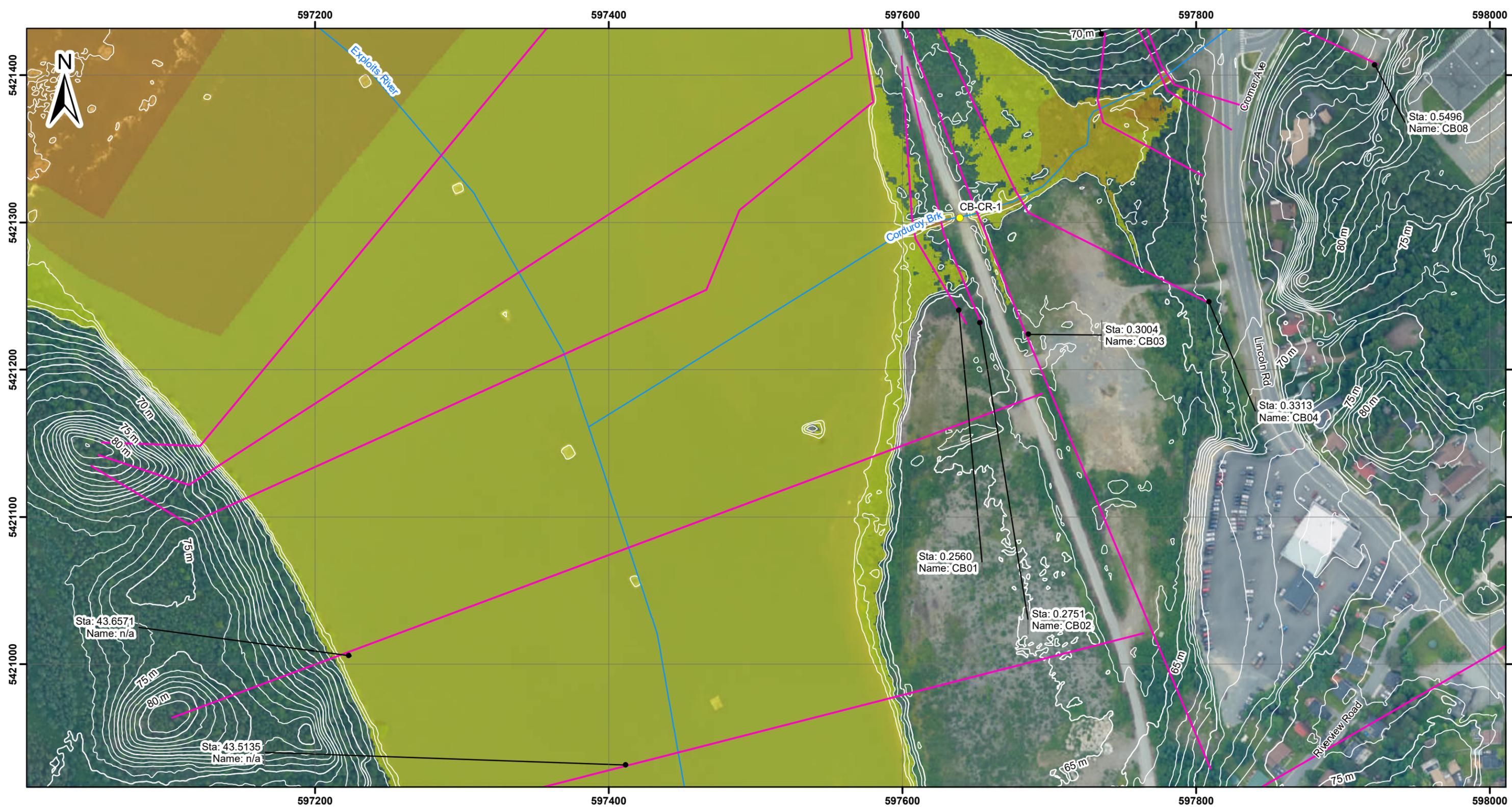
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MAP SET #8
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DETAIL MAP

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

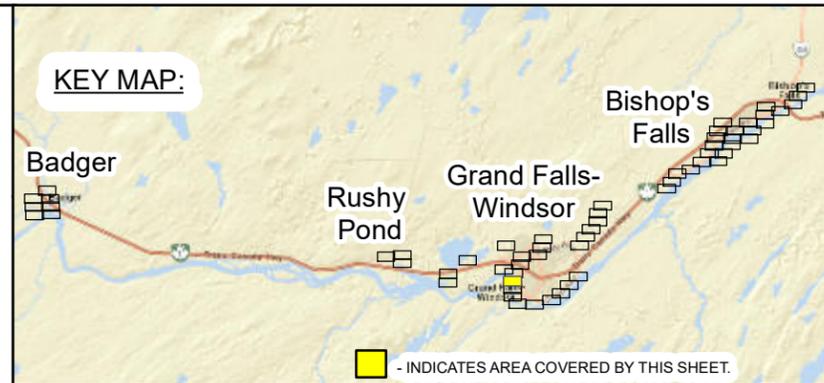
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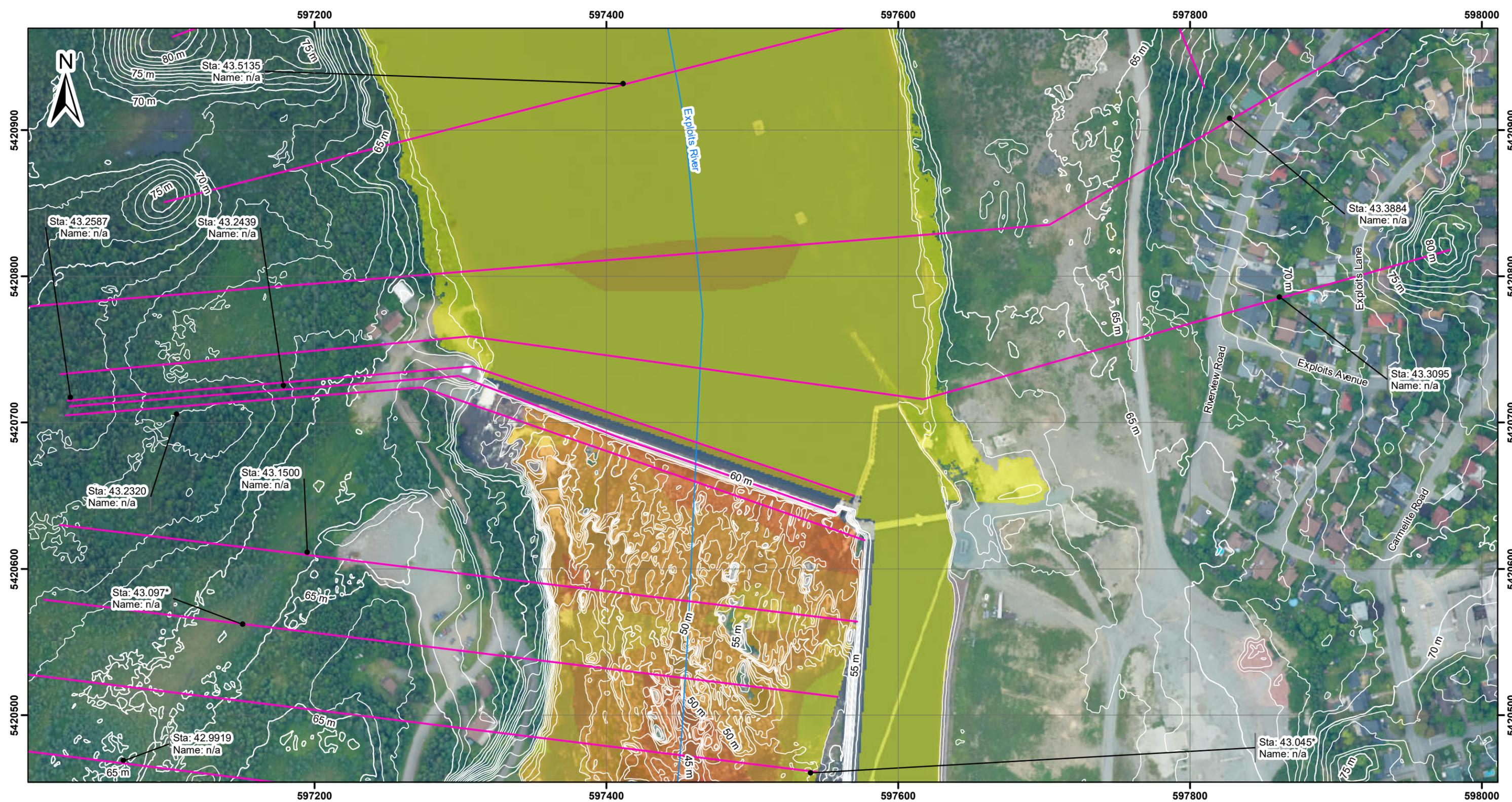
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DETAIL MAP

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

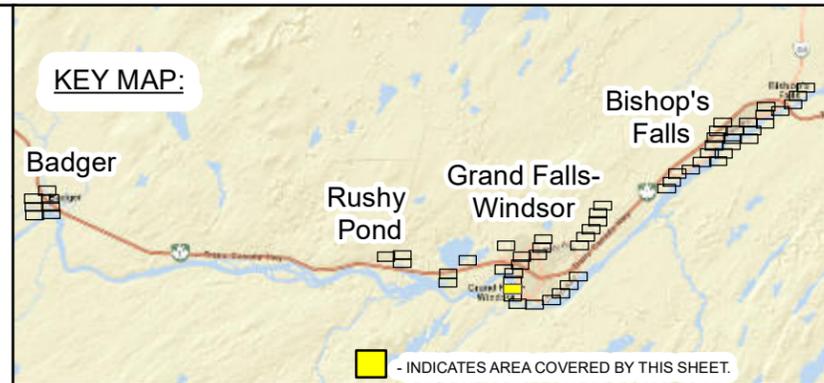
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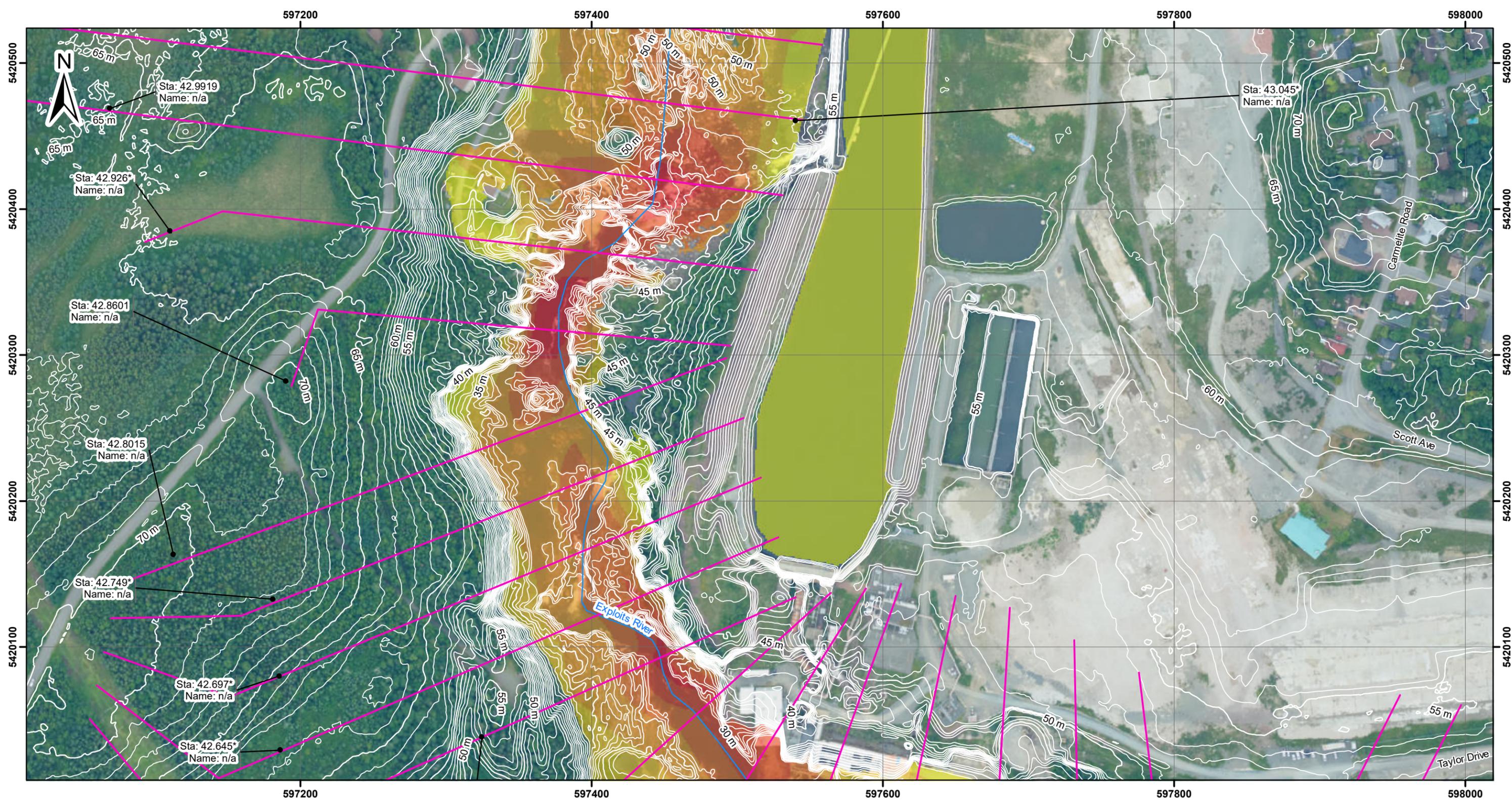
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Legend

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0 - 1
1 - 2
2 - 3
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4 - 5
> 5

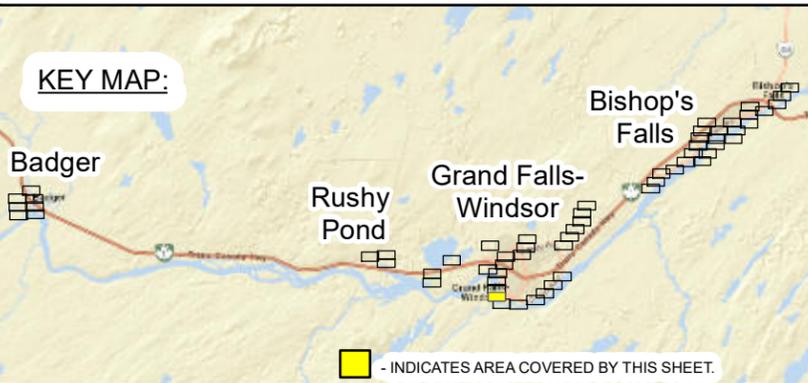
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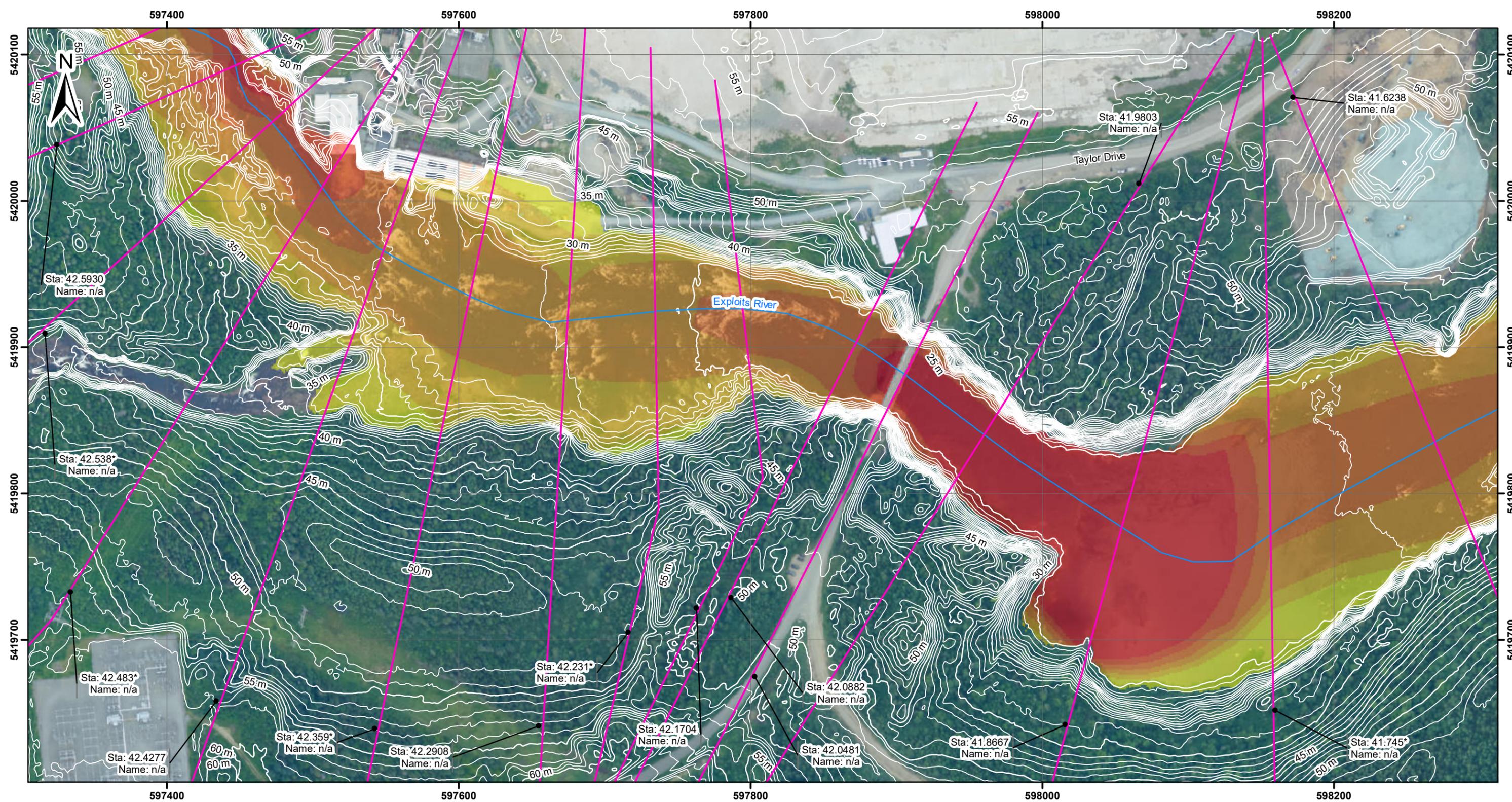
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Legend

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0 - 1
1 - 2
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> 5

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

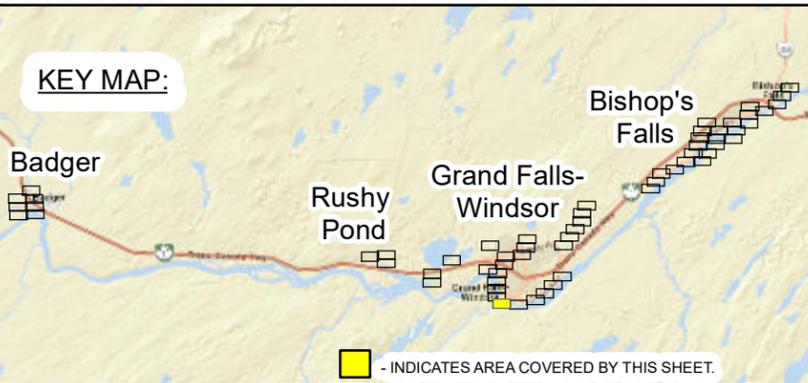
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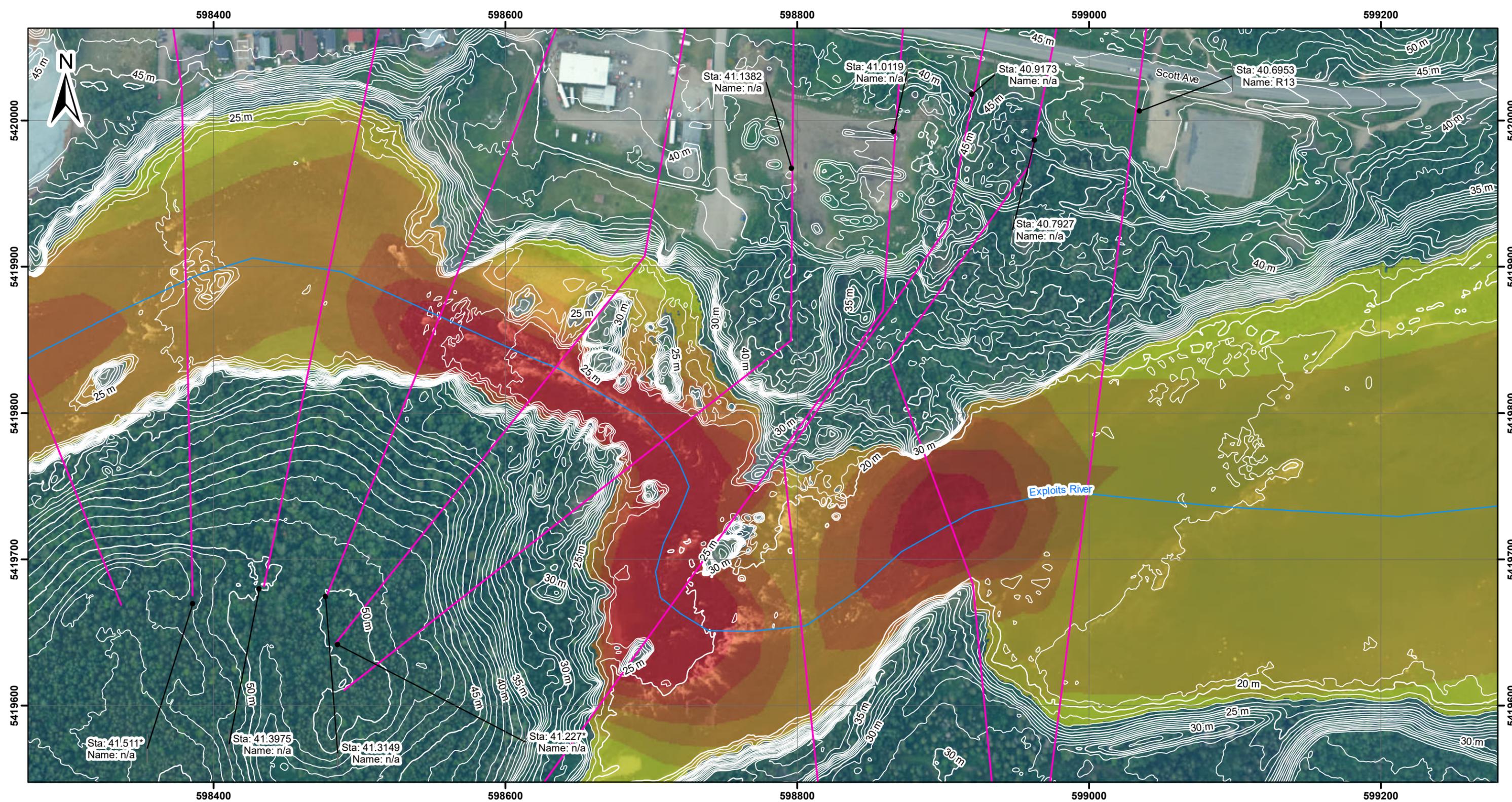
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Legend

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- > 5

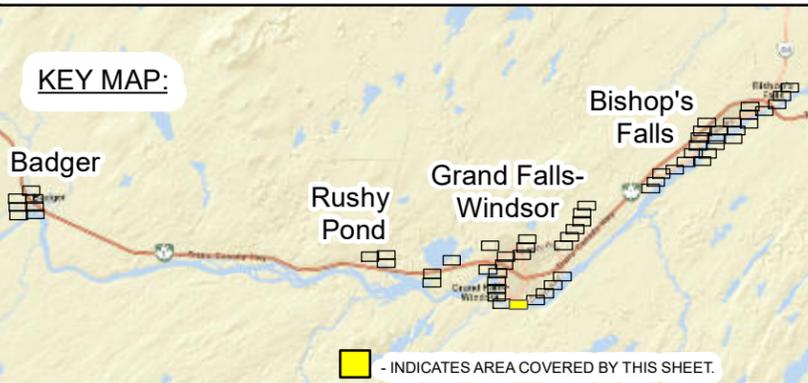
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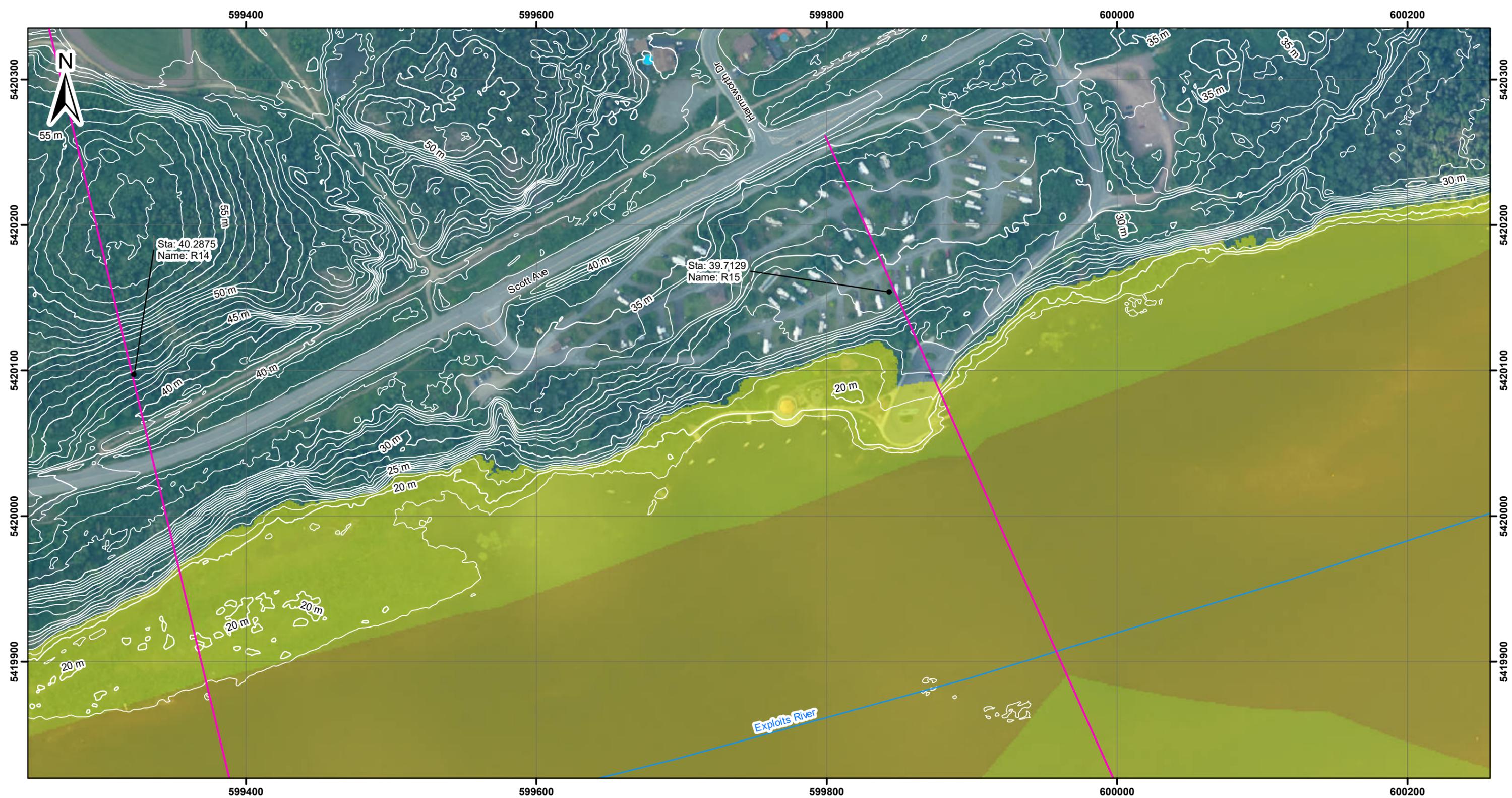
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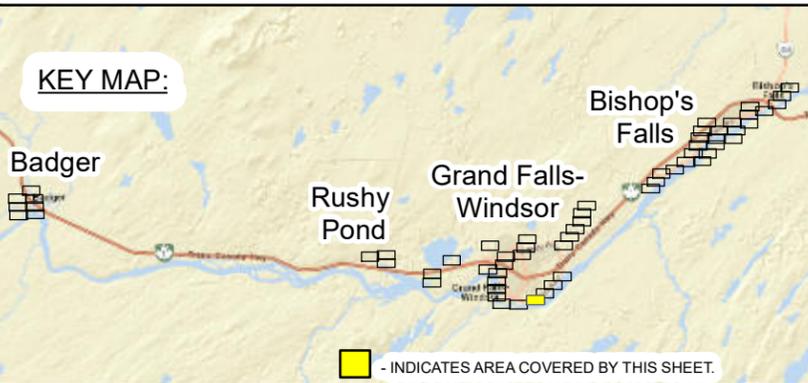
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0 15 30 60 90 120 Meters

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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

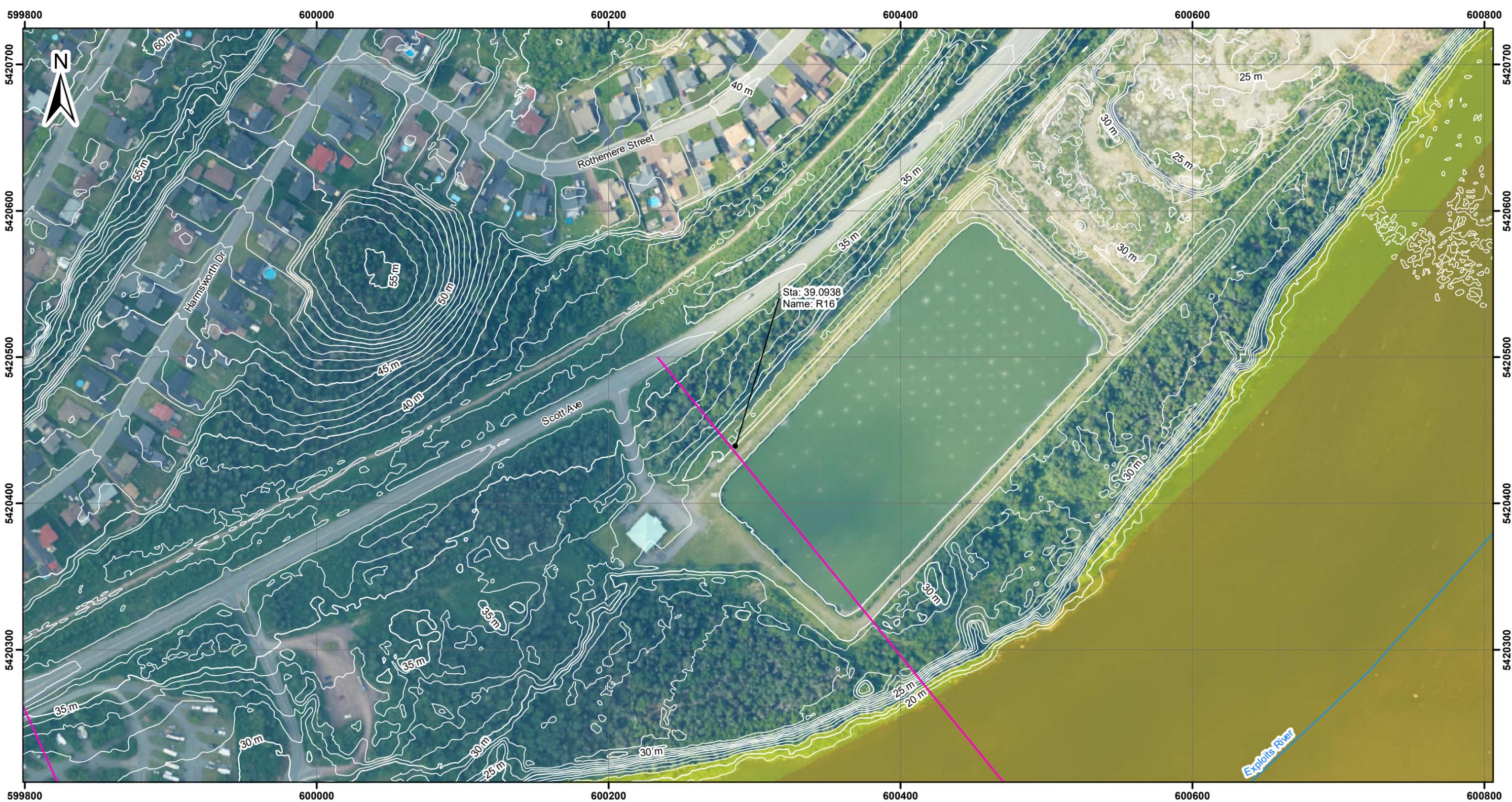
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

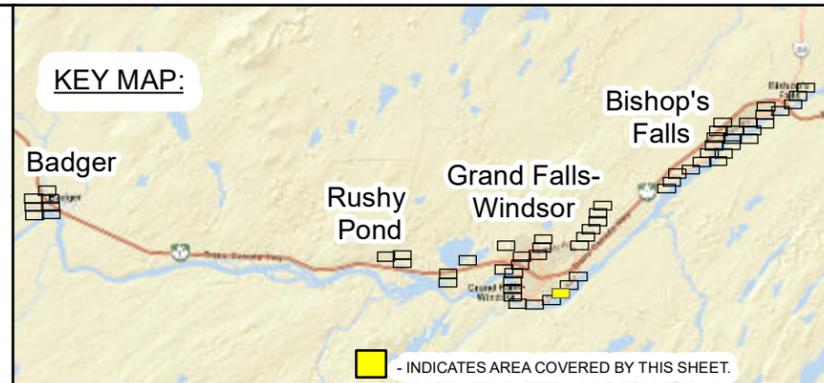
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
 Sta: Station
 Name: Survey ID (n/a if not surveyed)

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HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

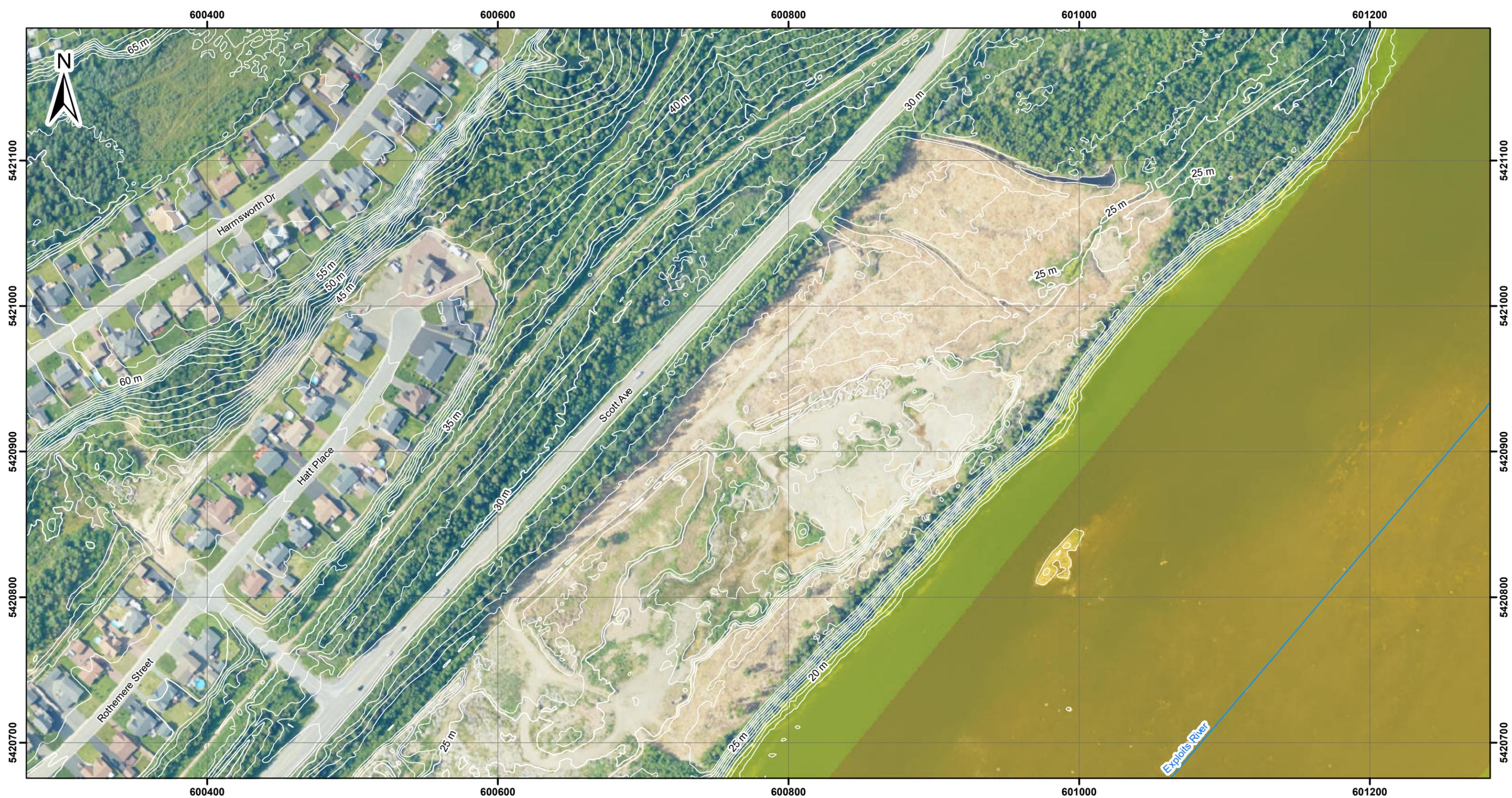
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

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

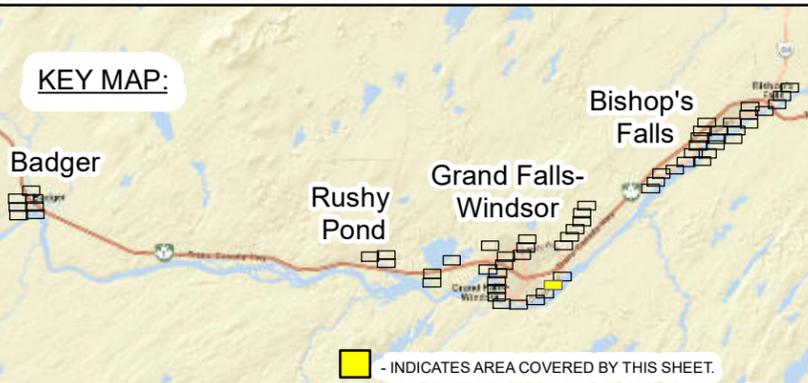
Sta: Station
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HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

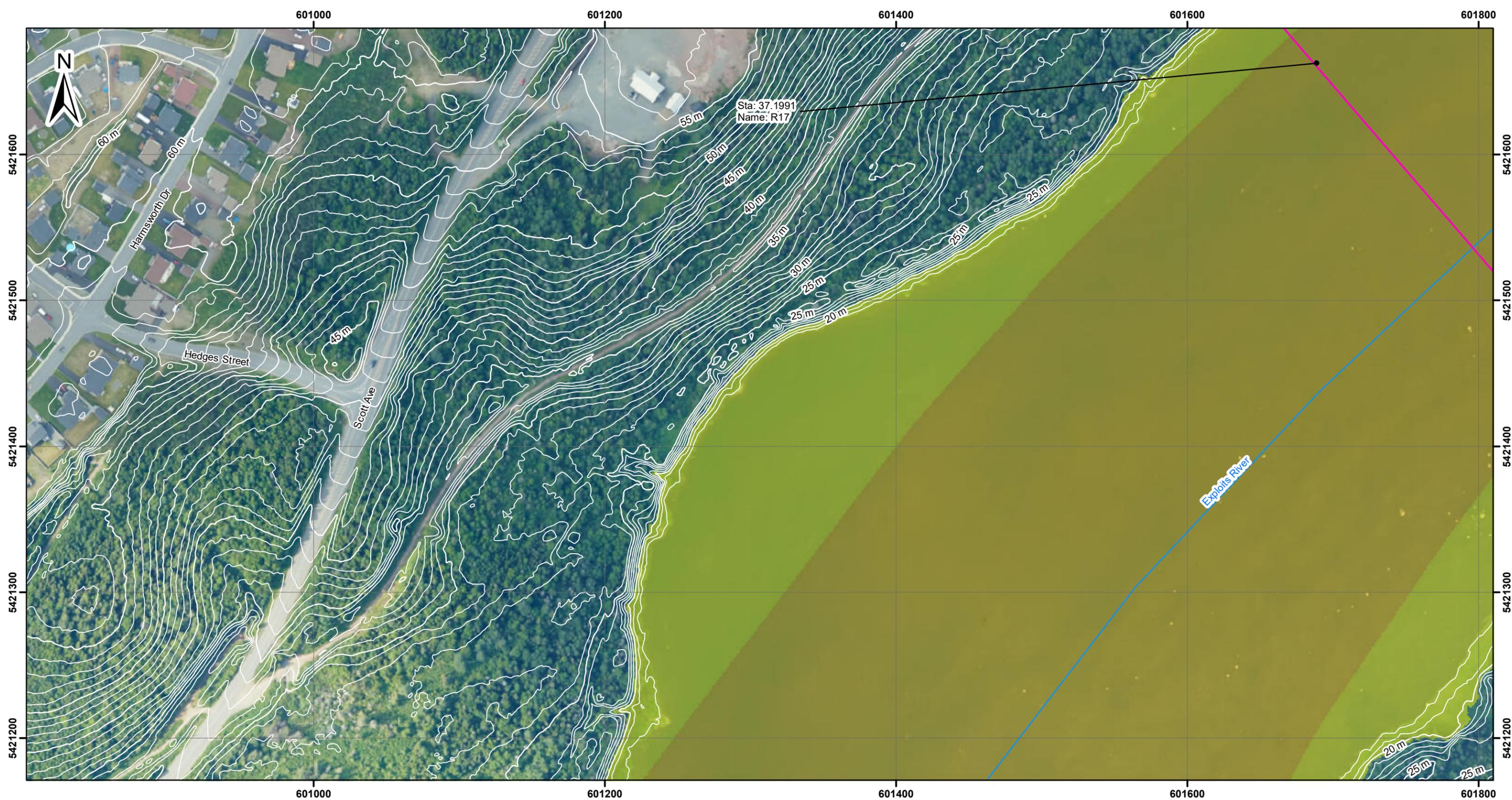
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1:100 AEP - CURRENT CLIMATE
DETAIL MAP

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PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

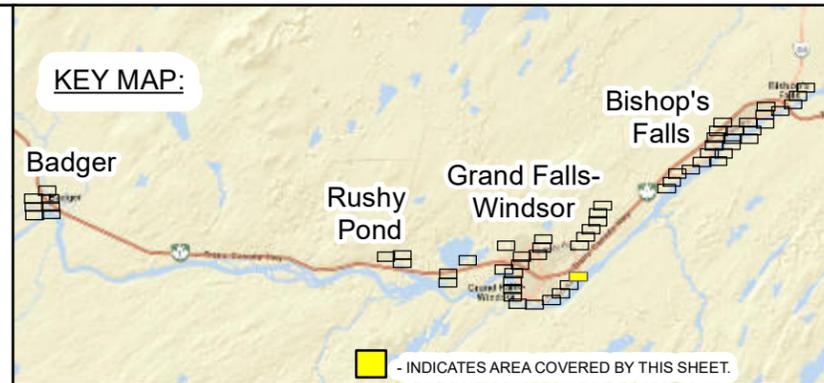
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WATER RESOURCES MANAGEMENT DIVISION

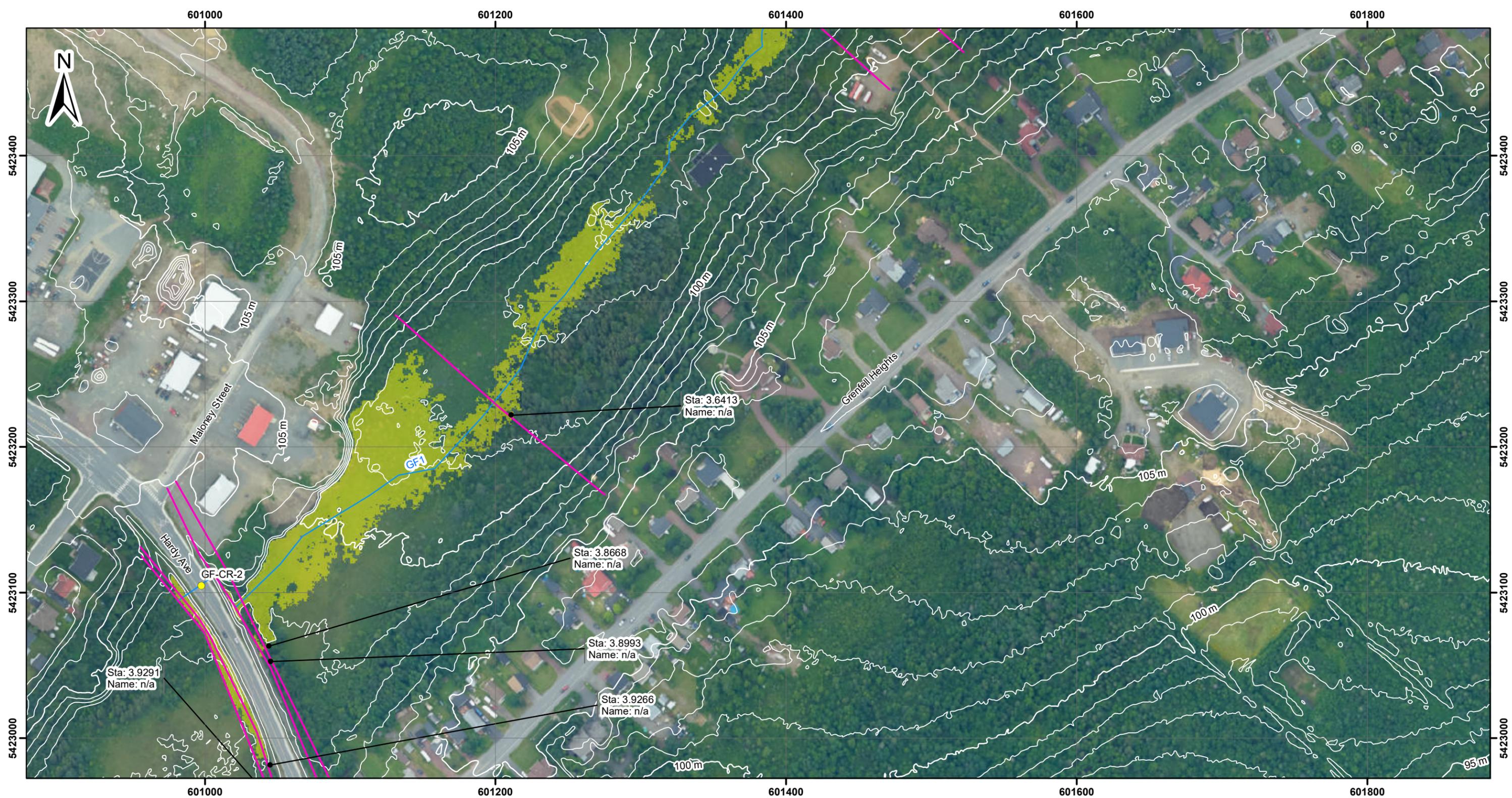
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

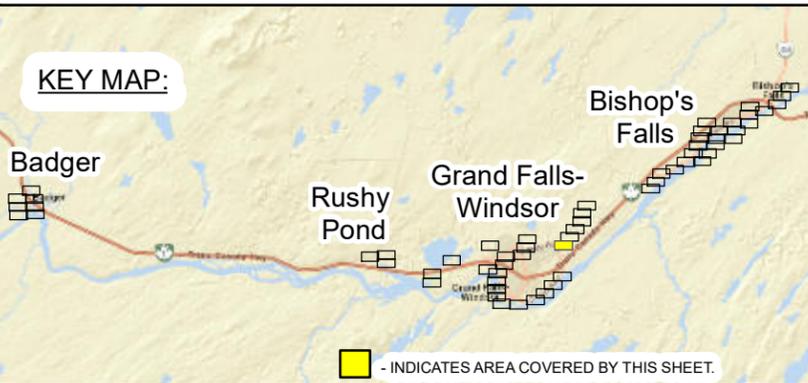
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 1 m Contours
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Scale 1:2,500 for 11"x17" paper size



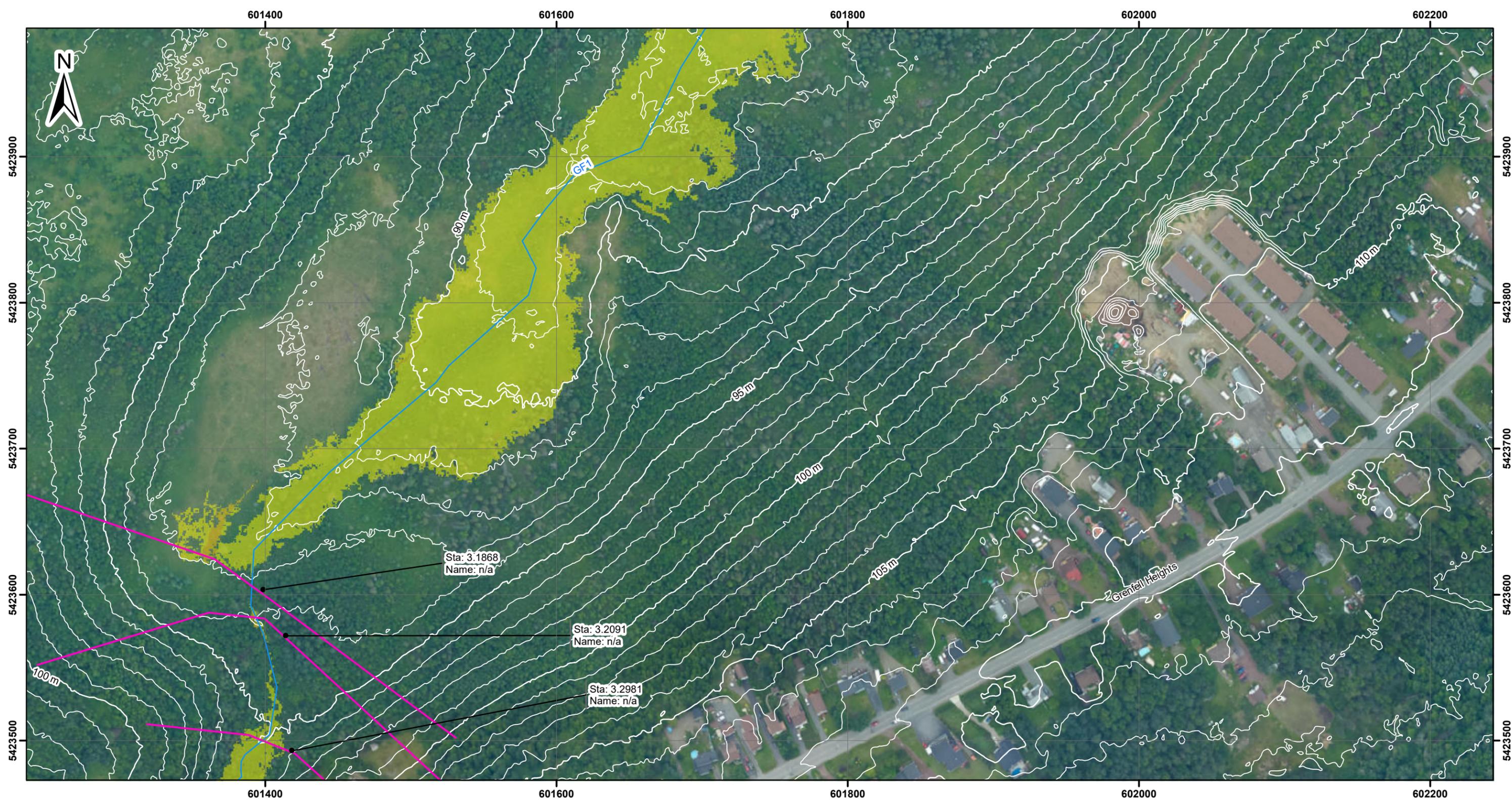
HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021
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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

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

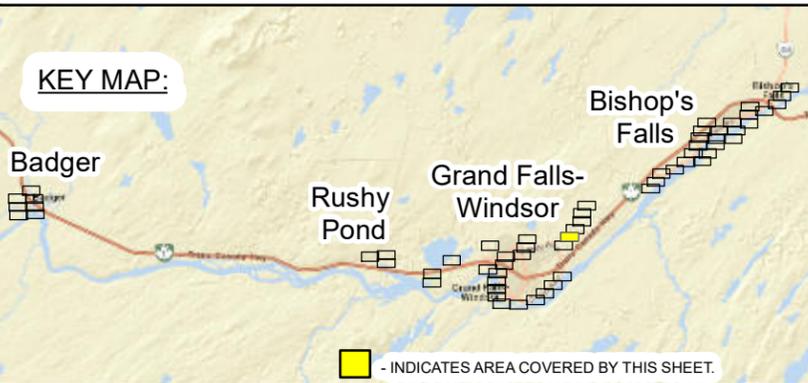
Sta: Station
Name: Survey ID (n/a if not surveyed)

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



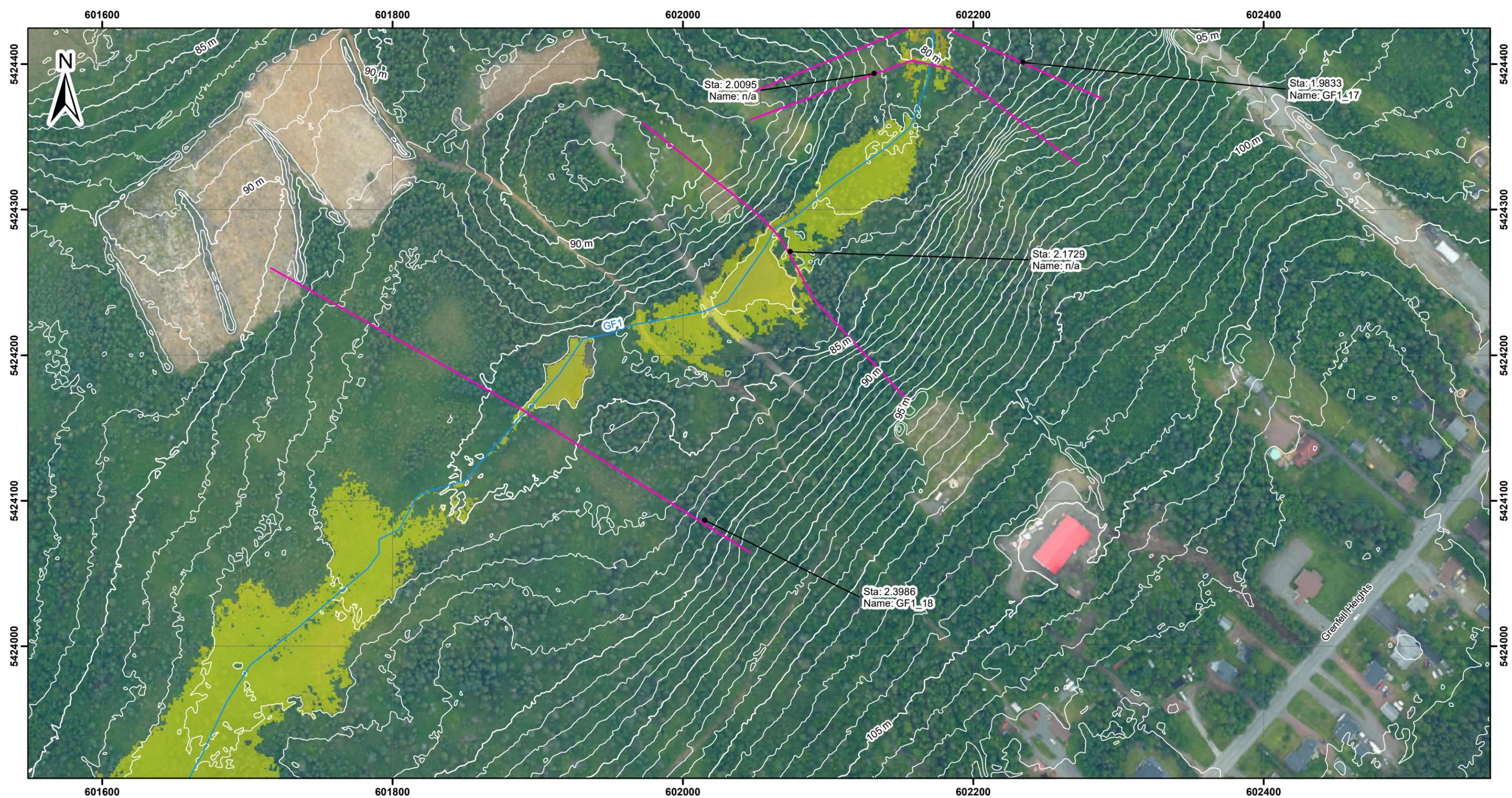
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WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

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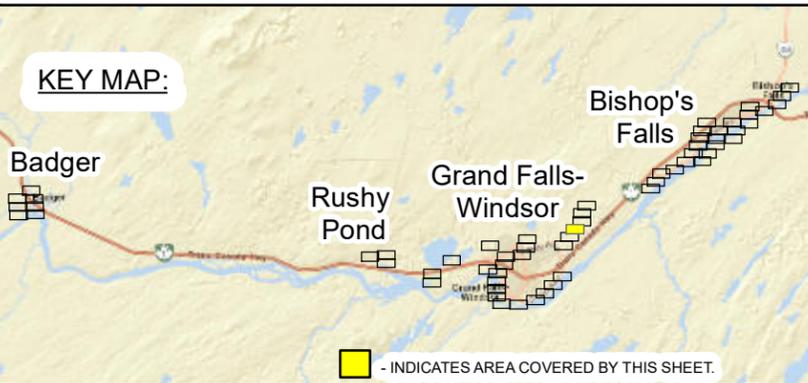
Legend

- Water Velocity (m/s)**
- 0 - 1
 - 1 - 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5
- 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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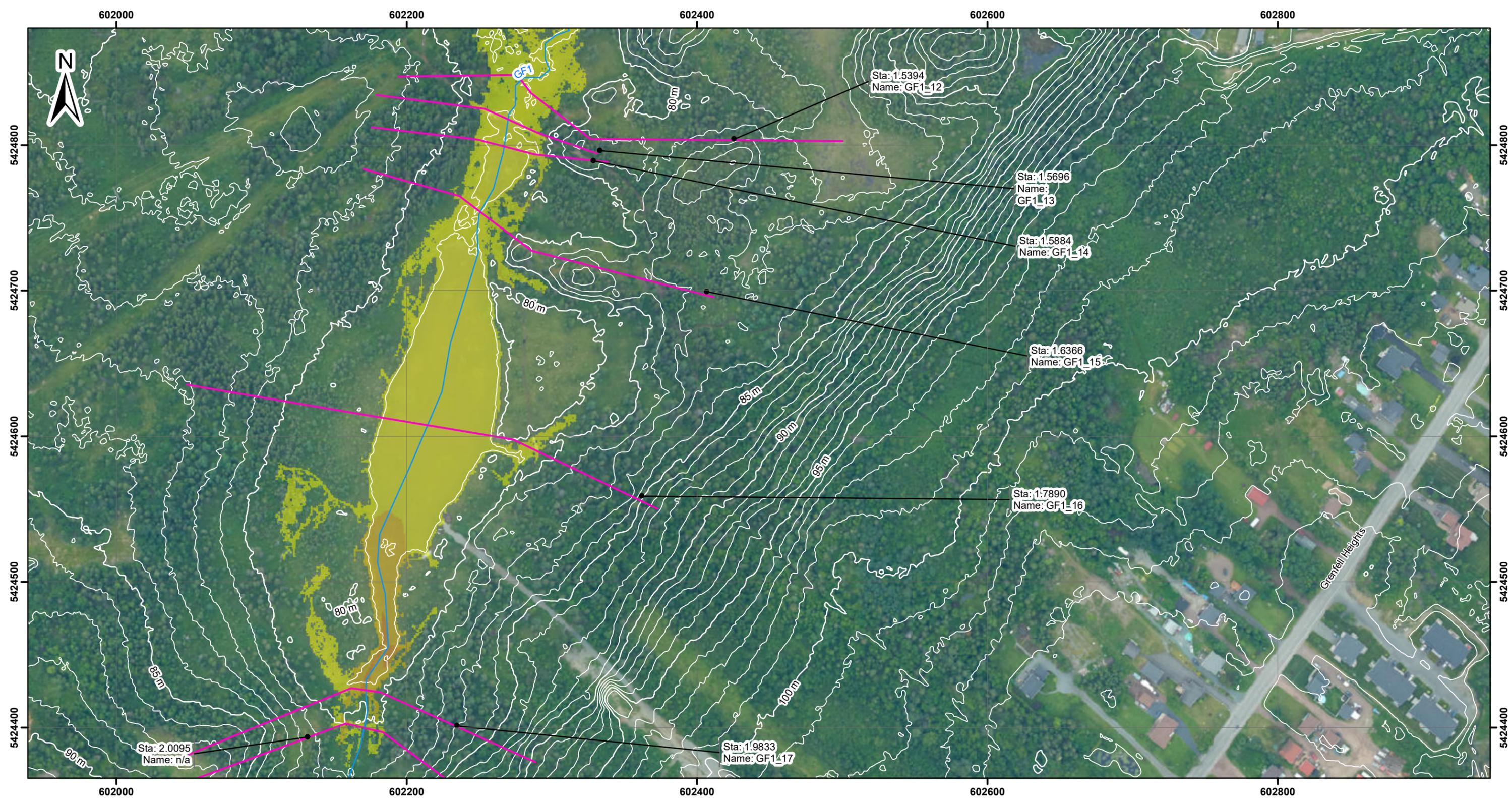
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Scale 1:2,500 for 11"x17" paper size



WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021	Page 33 of 61
PROJECT #: H-358566	



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

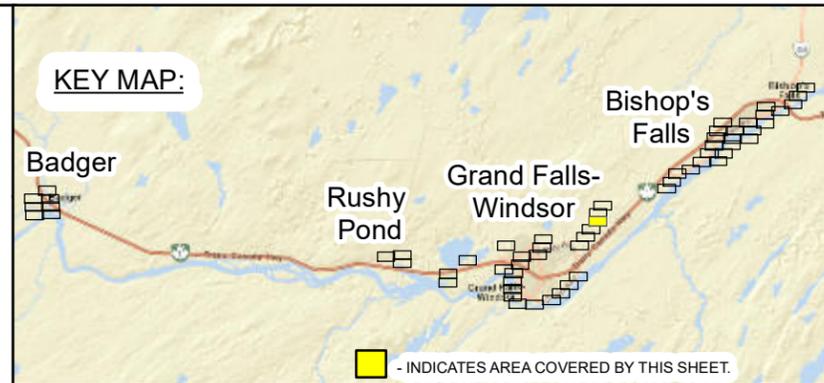
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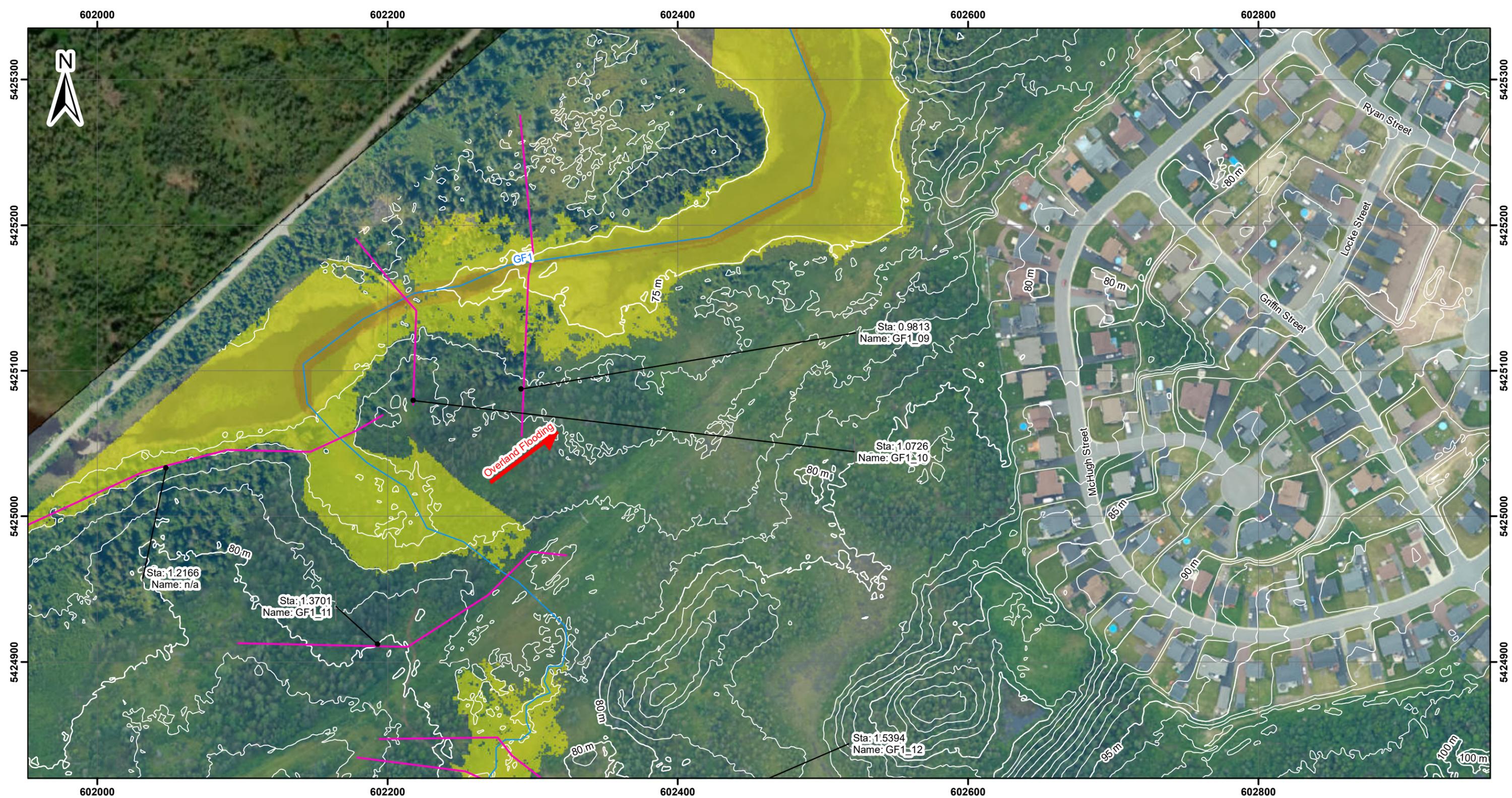
HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
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DETAIL MAP

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

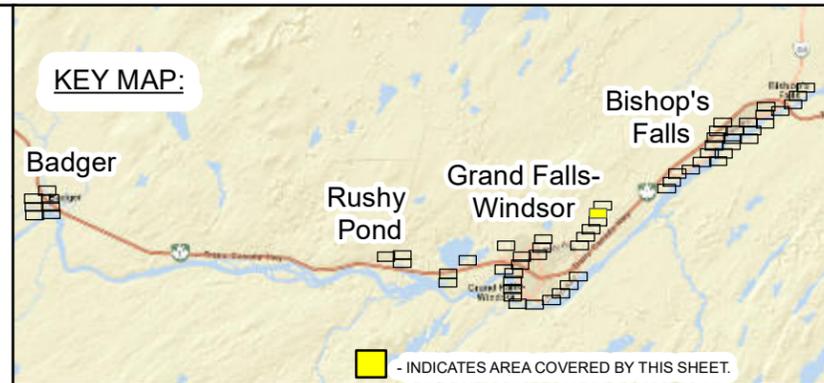
- Overland Flooding
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- Sta: Station
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WATER RESOURCES MANAGEMENT DIVISION

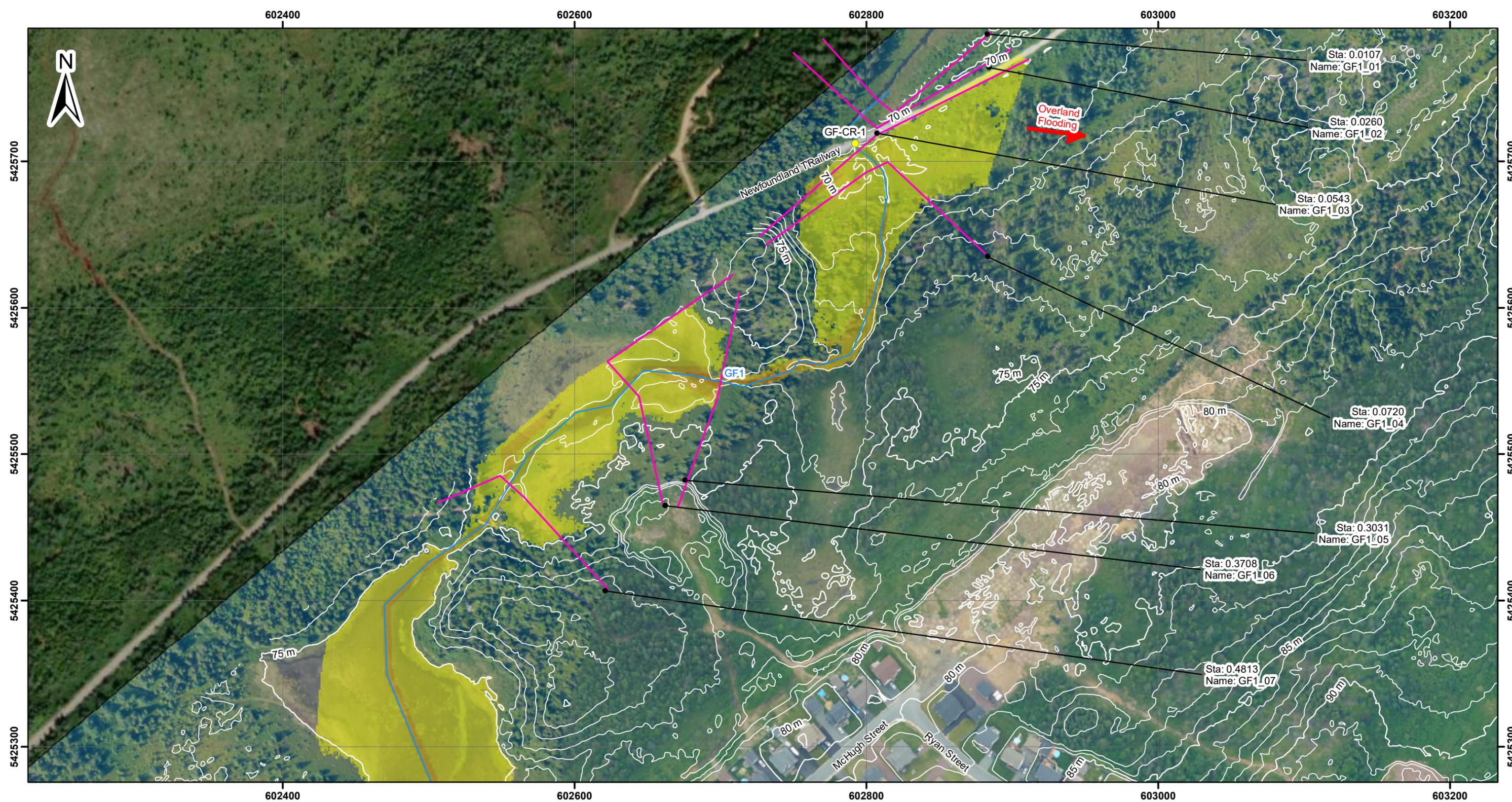
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MAP SET #8
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DETAIL MAP

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

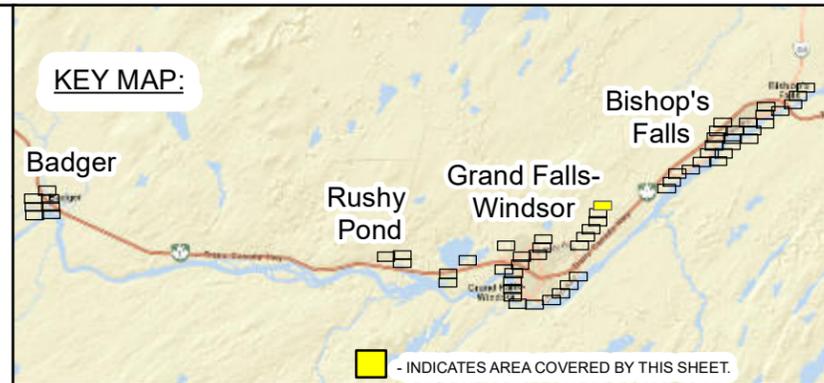
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WATER RESOURCES MANAGEMENT DIVISION

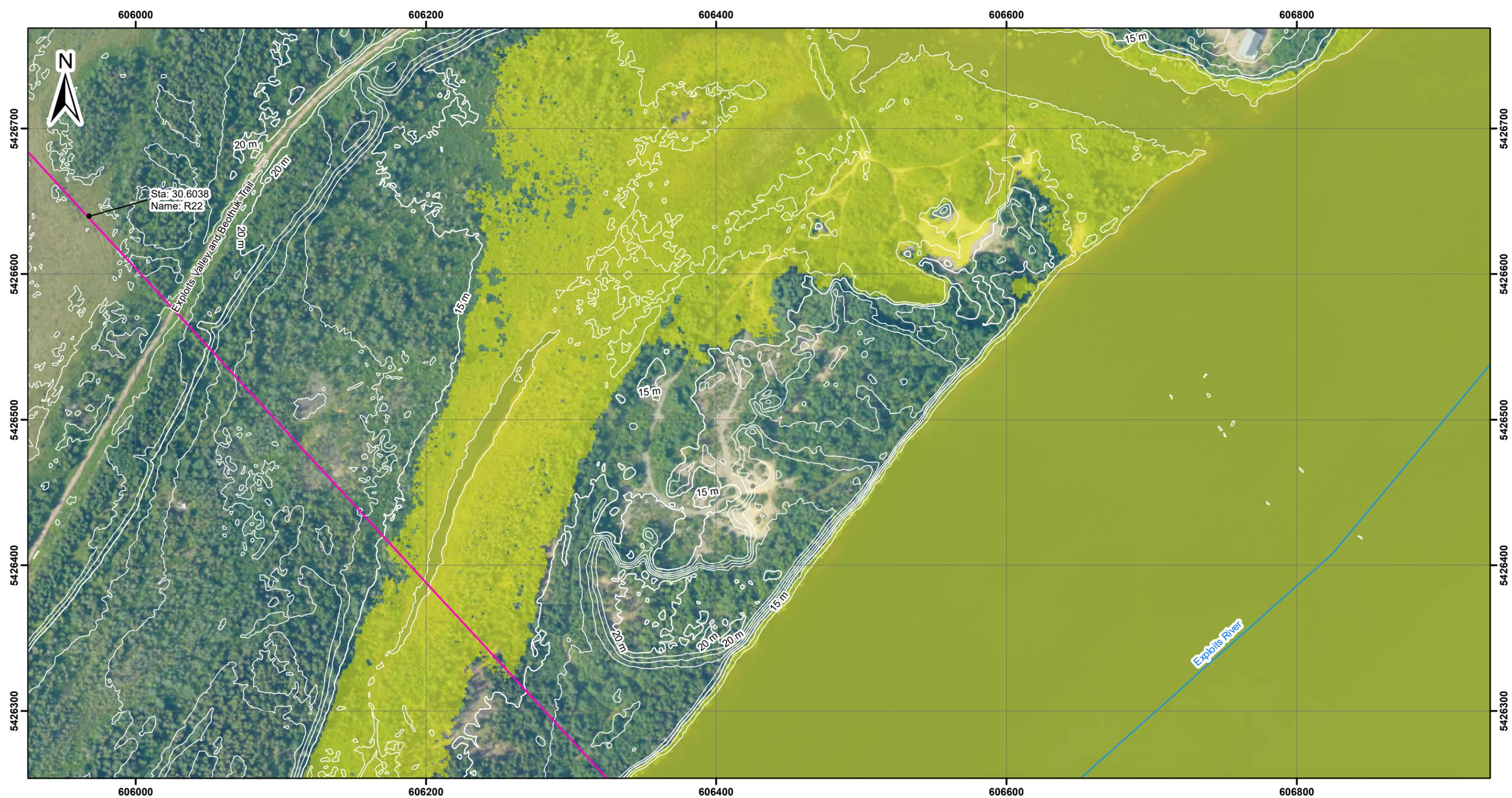
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

Light Yellow	0 - 1
Yellow	1 - 2
Light Orange	2 - 3
Orange	3 - 4
Dark Orange	4 - 5
Red	> 5

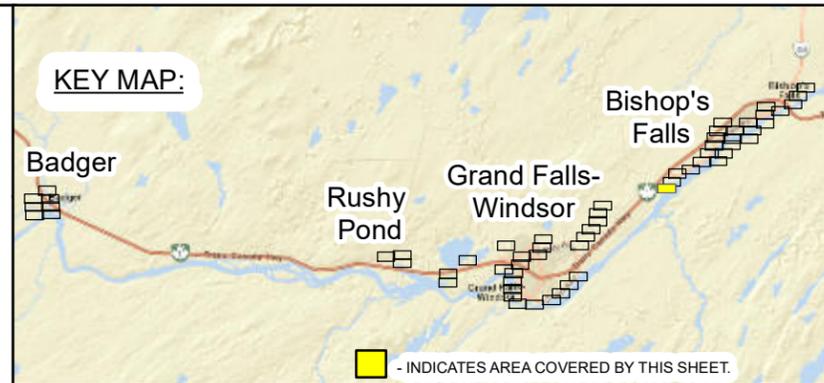
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WATER RESOURCES MANAGEMENT DIVISION

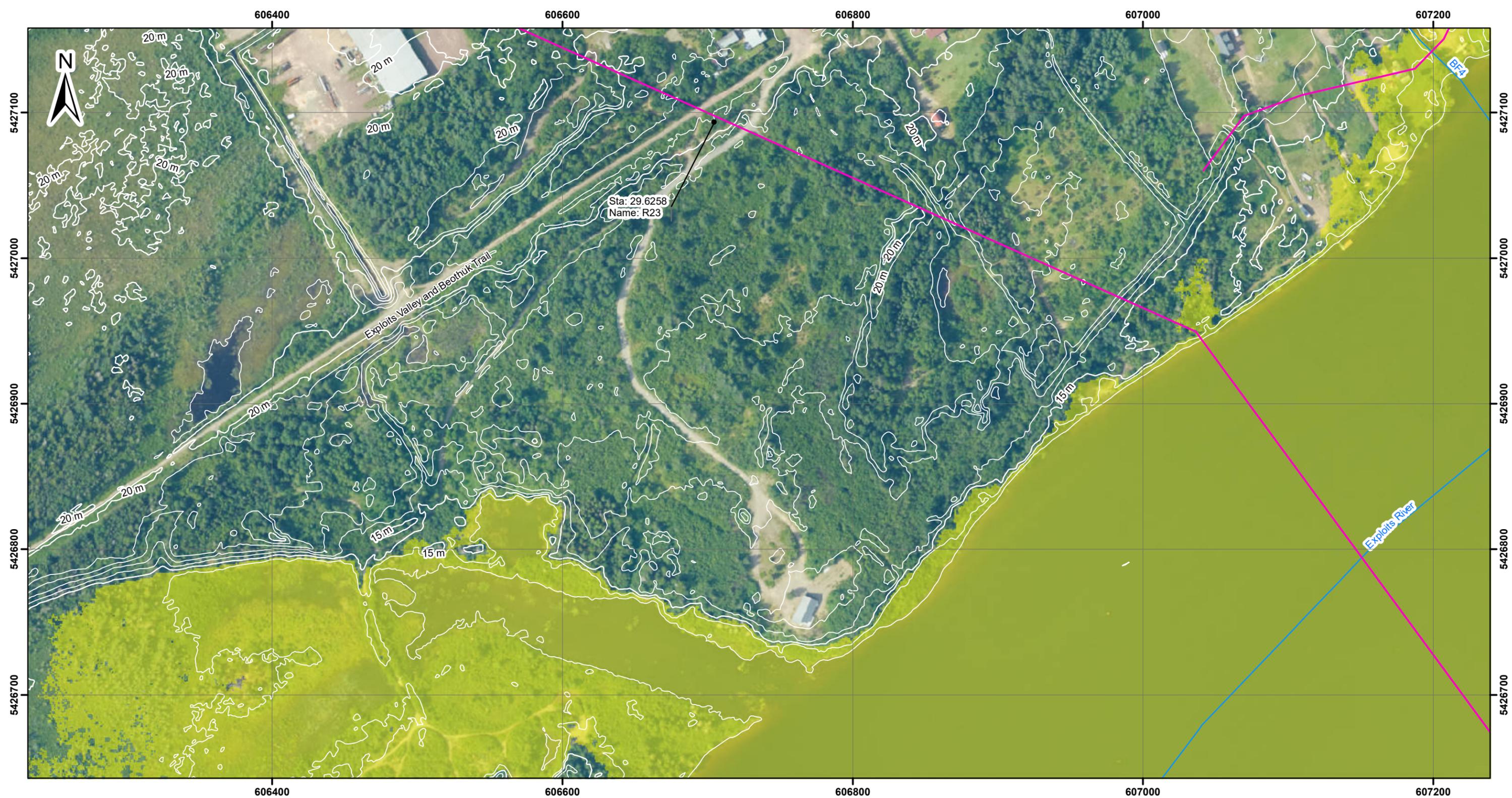
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MAP SET #8
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DETAIL MAP

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

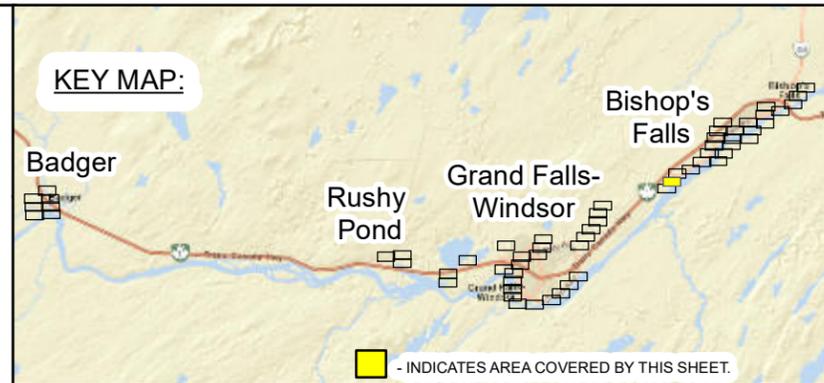
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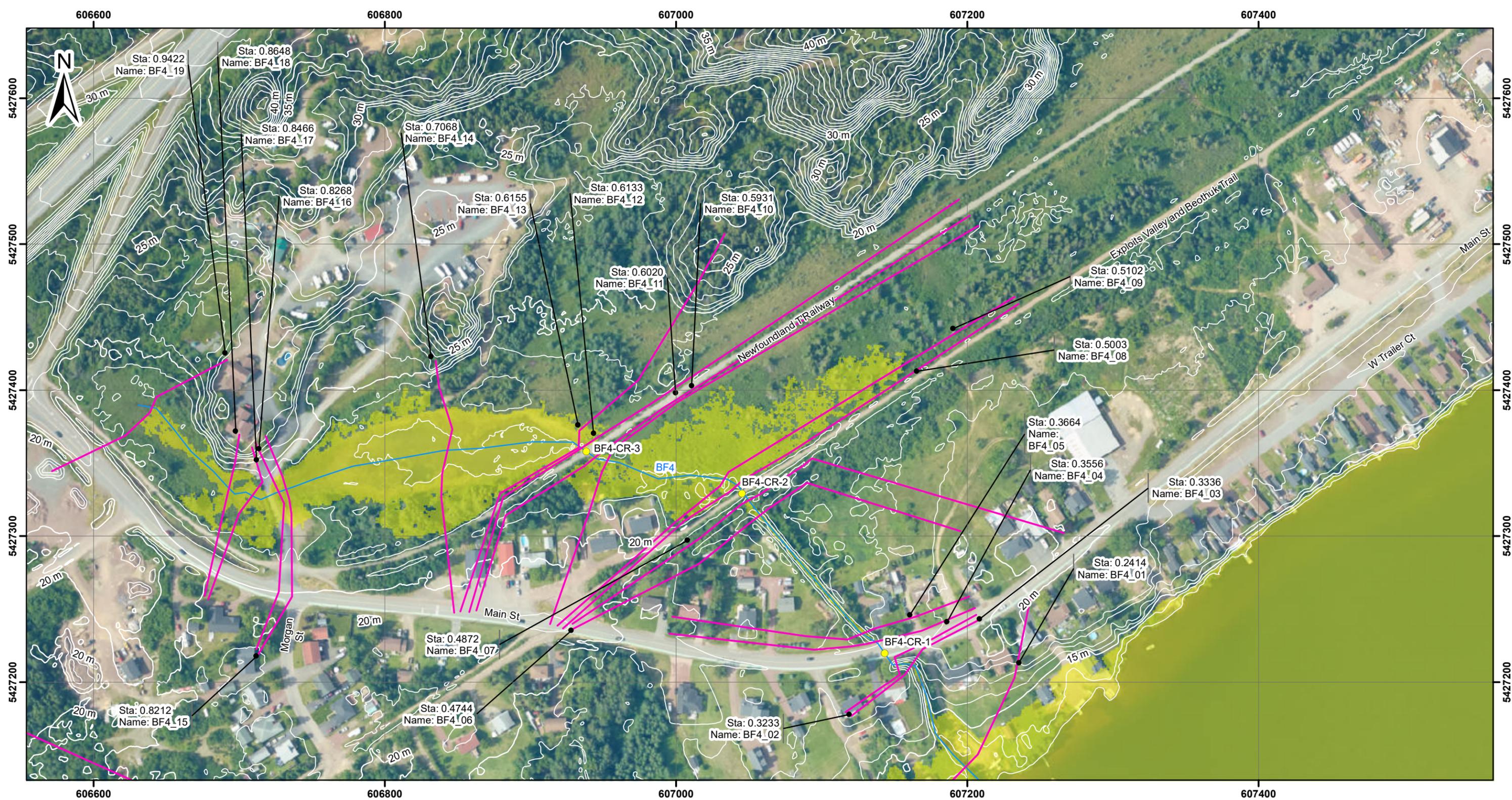
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MAP SET #8
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1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
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- > 5

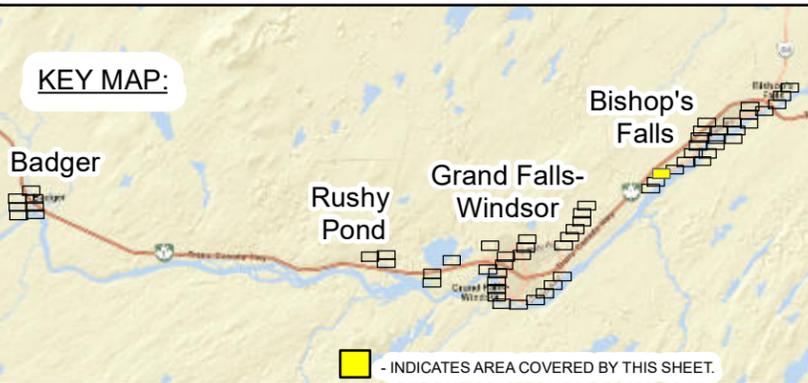
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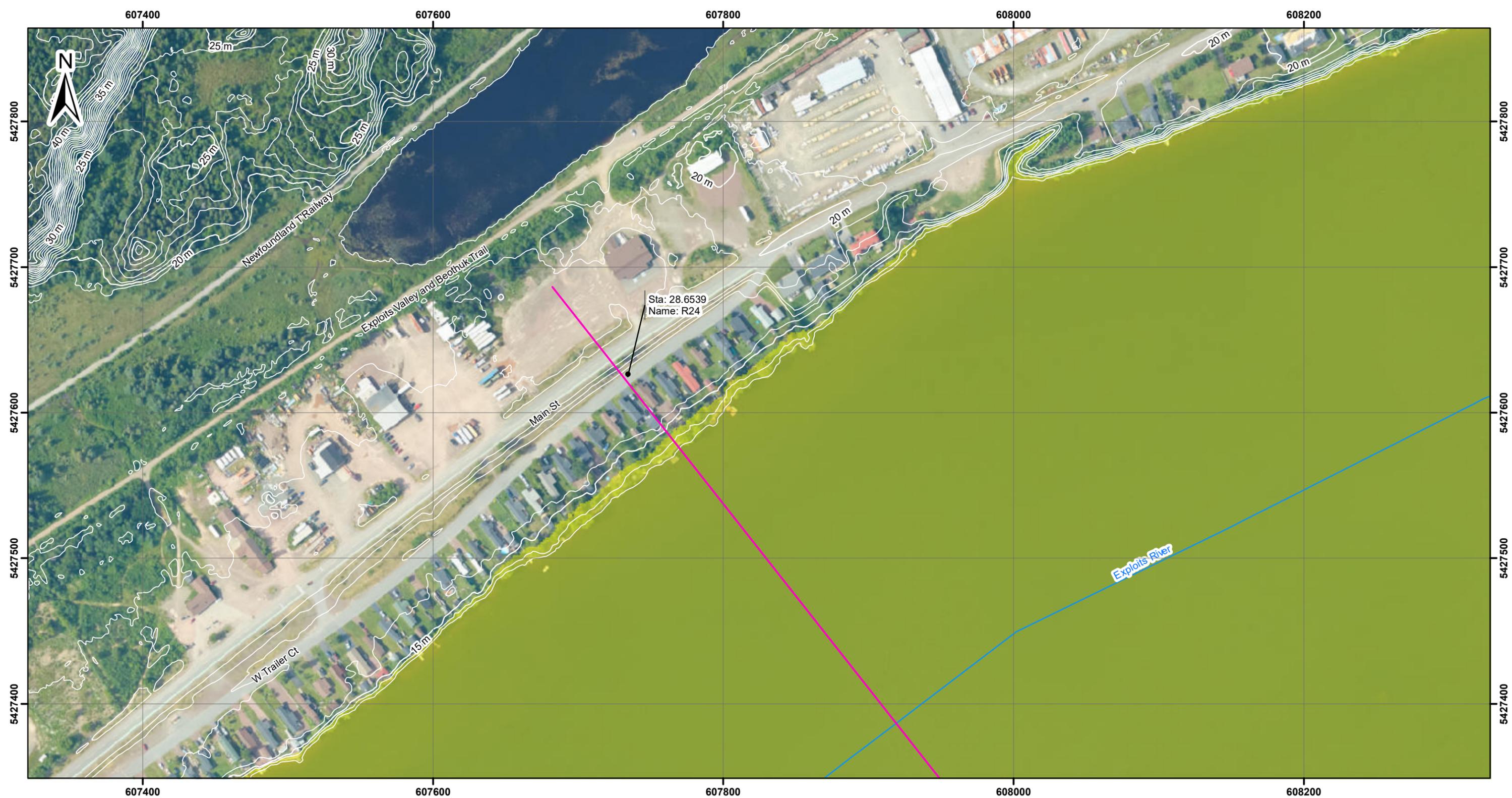
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MAP SET #8
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1:100 AEP - CURRENT CLIMATE
DETAIL MAP

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

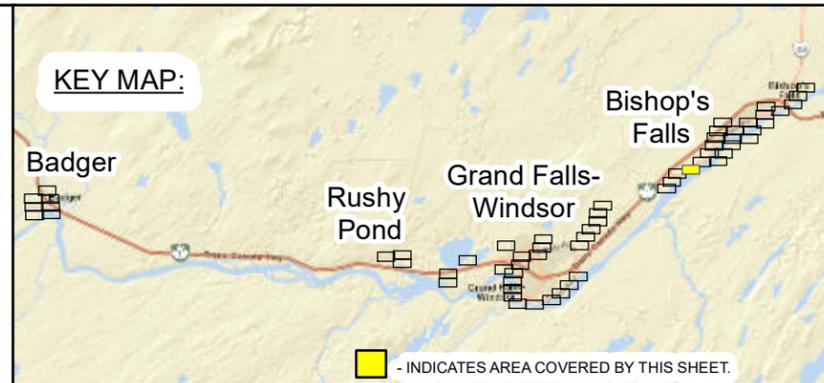
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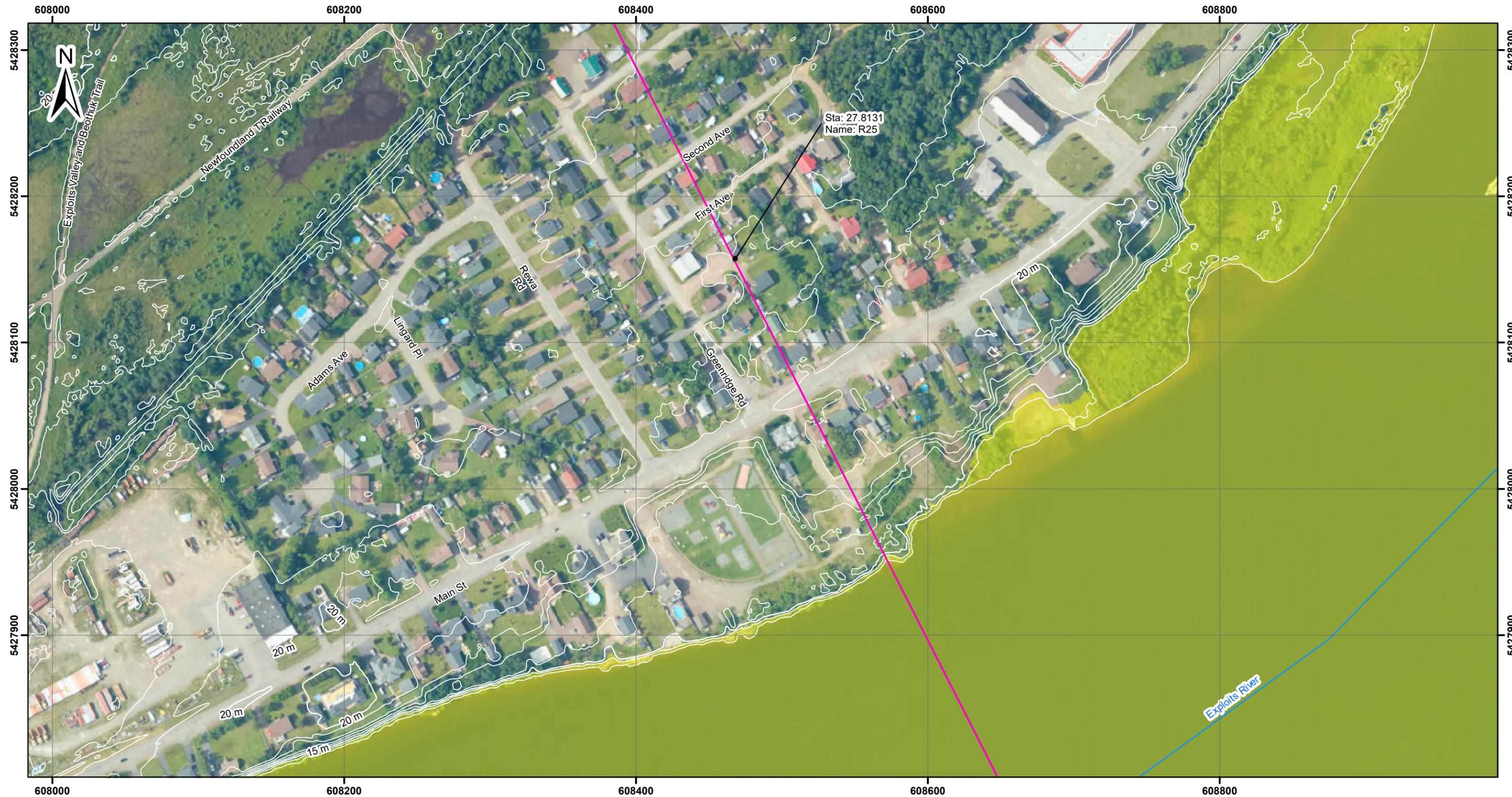
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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

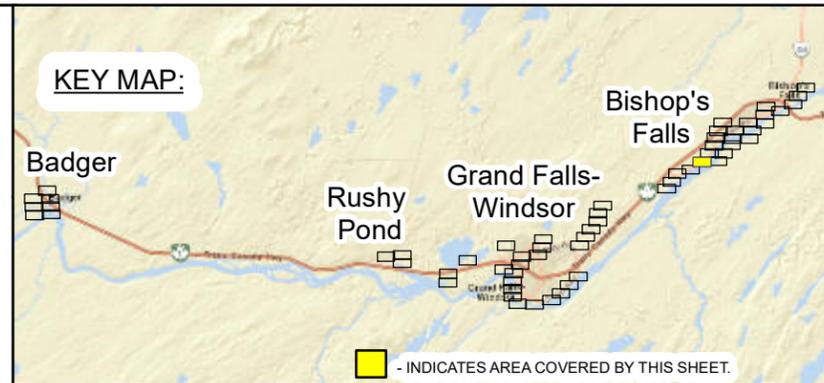
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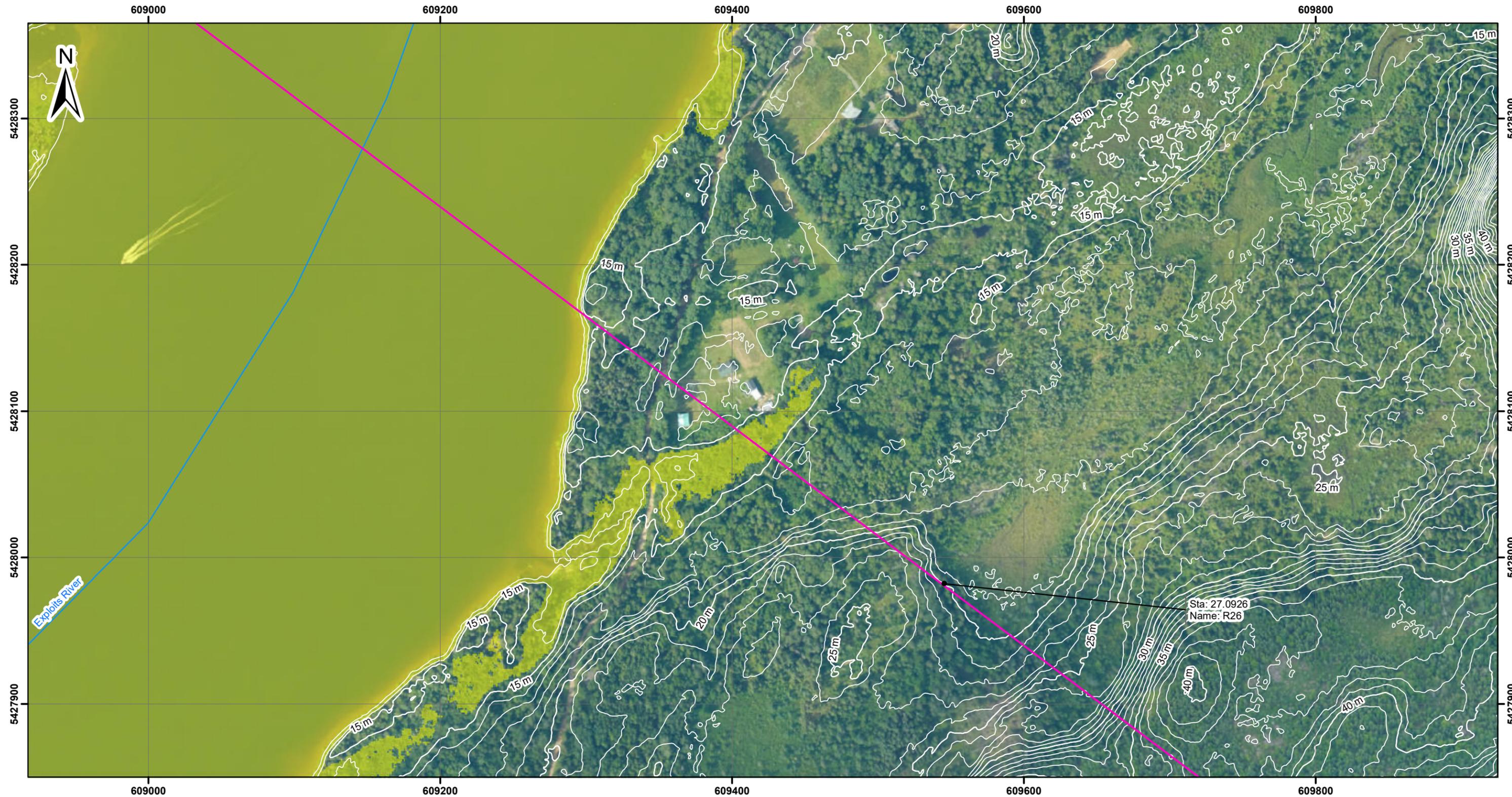
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DETAIL MAP

DATE: 5/17/2021

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

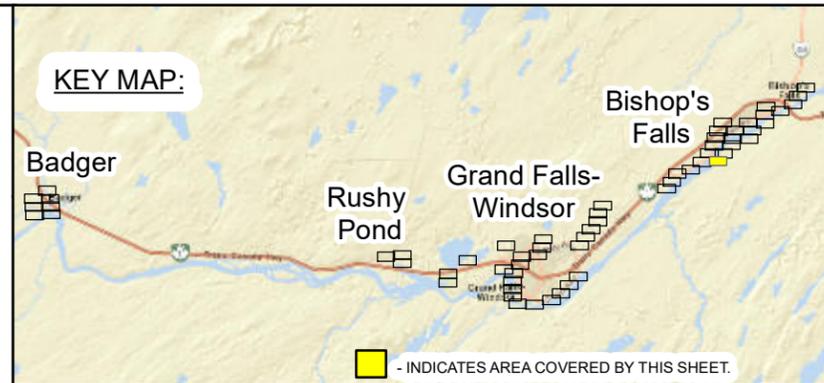
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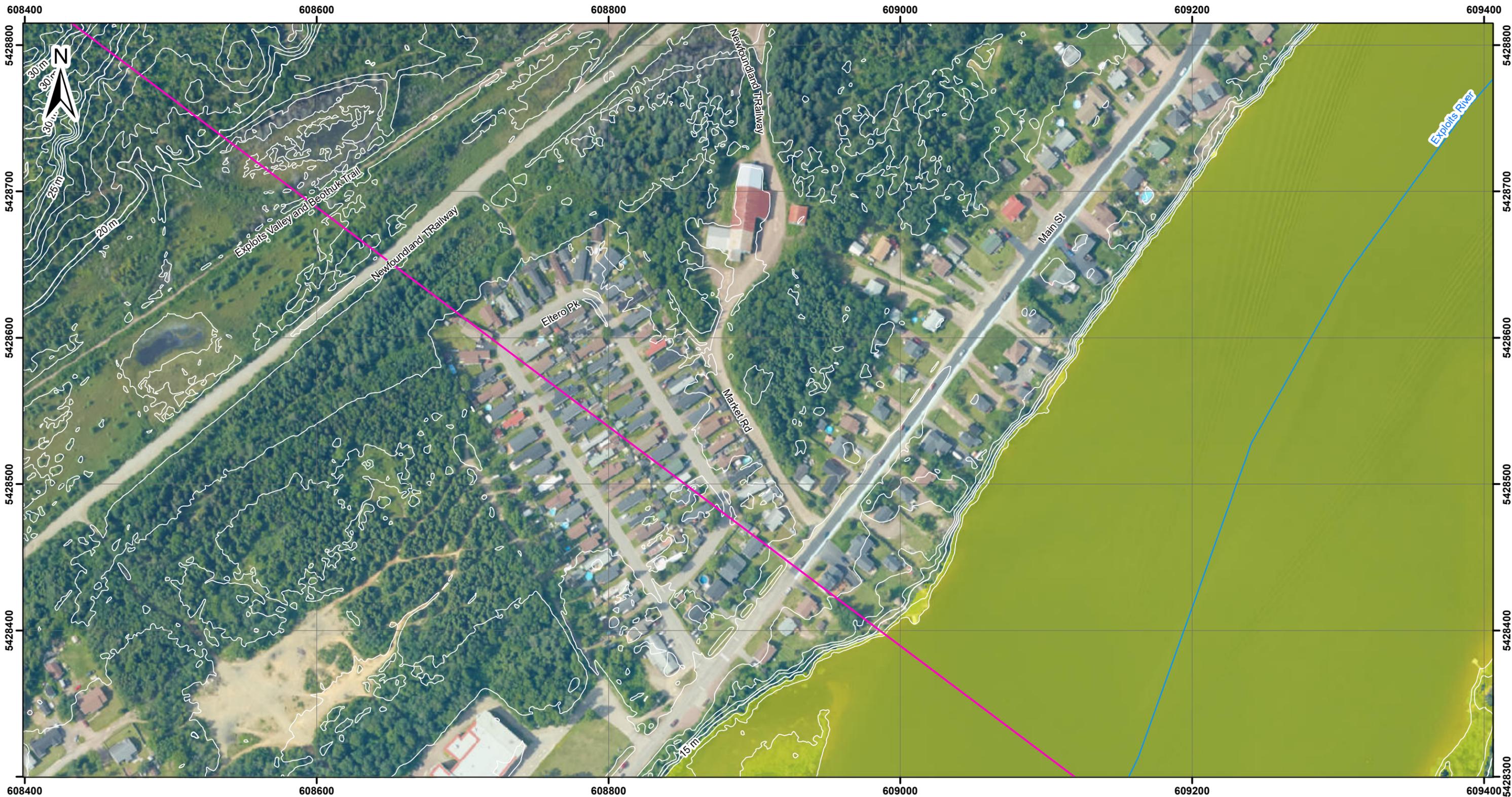
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DETAIL MAP

DATE: 5/17/2021

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
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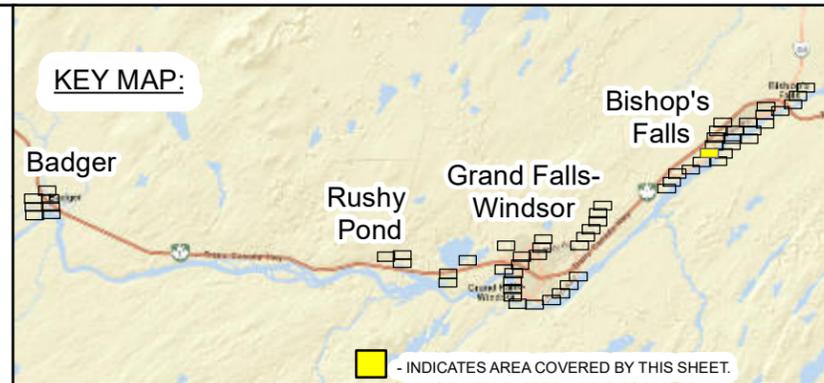
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
 Sta: Station
 Name: Survey ID (n/a if not surveyed)

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0 15 30 60 90 120 Meters

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



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WATER RESOURCES MANAGEMENT DIVISION

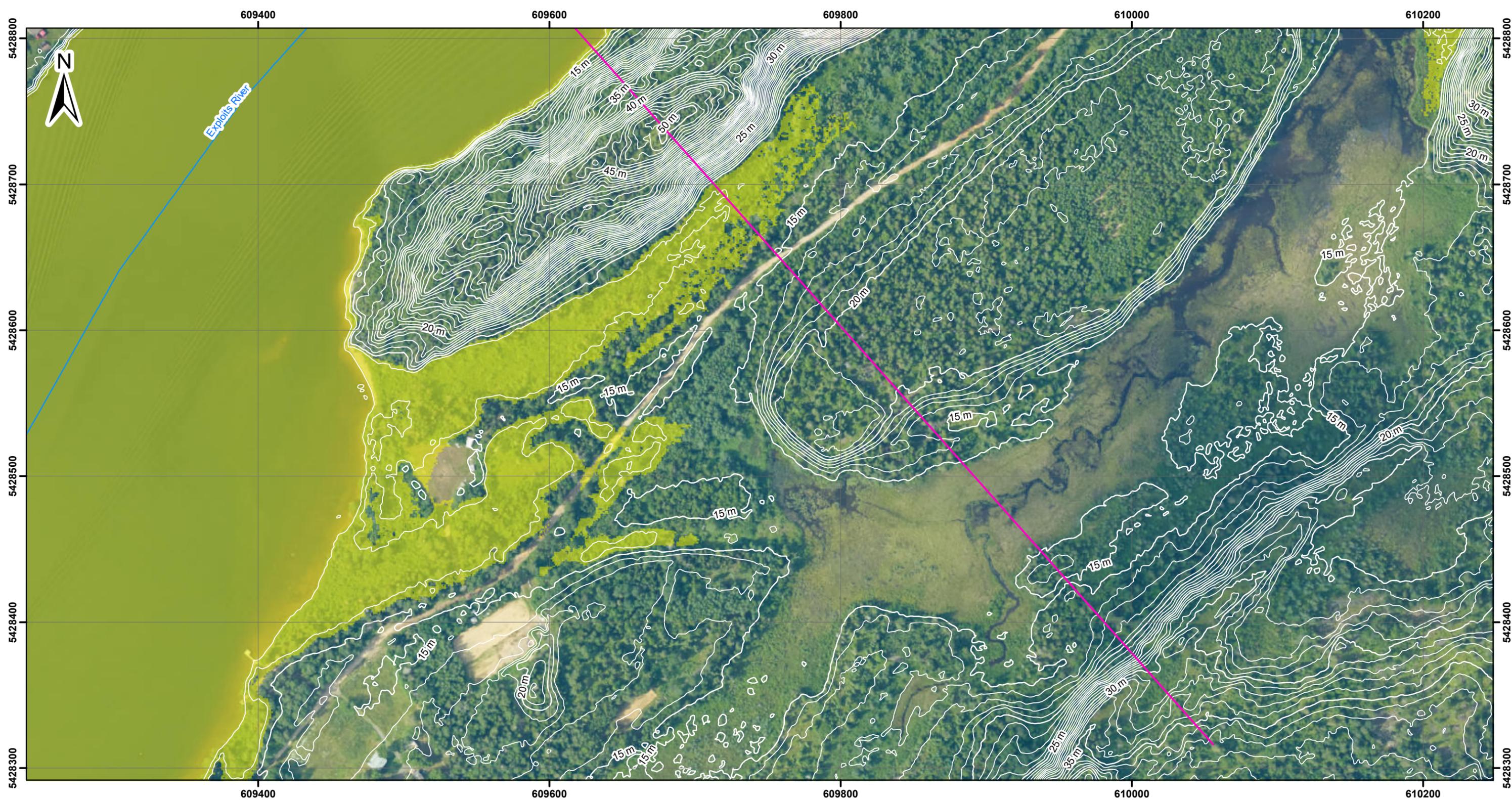
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

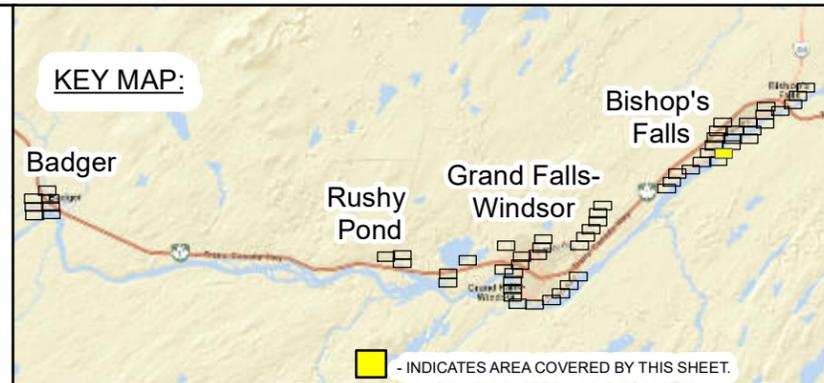
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
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Scale 1:2,500 for 11"x17" paper size



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WATER RESOURCES MANAGEMENT DIVISION

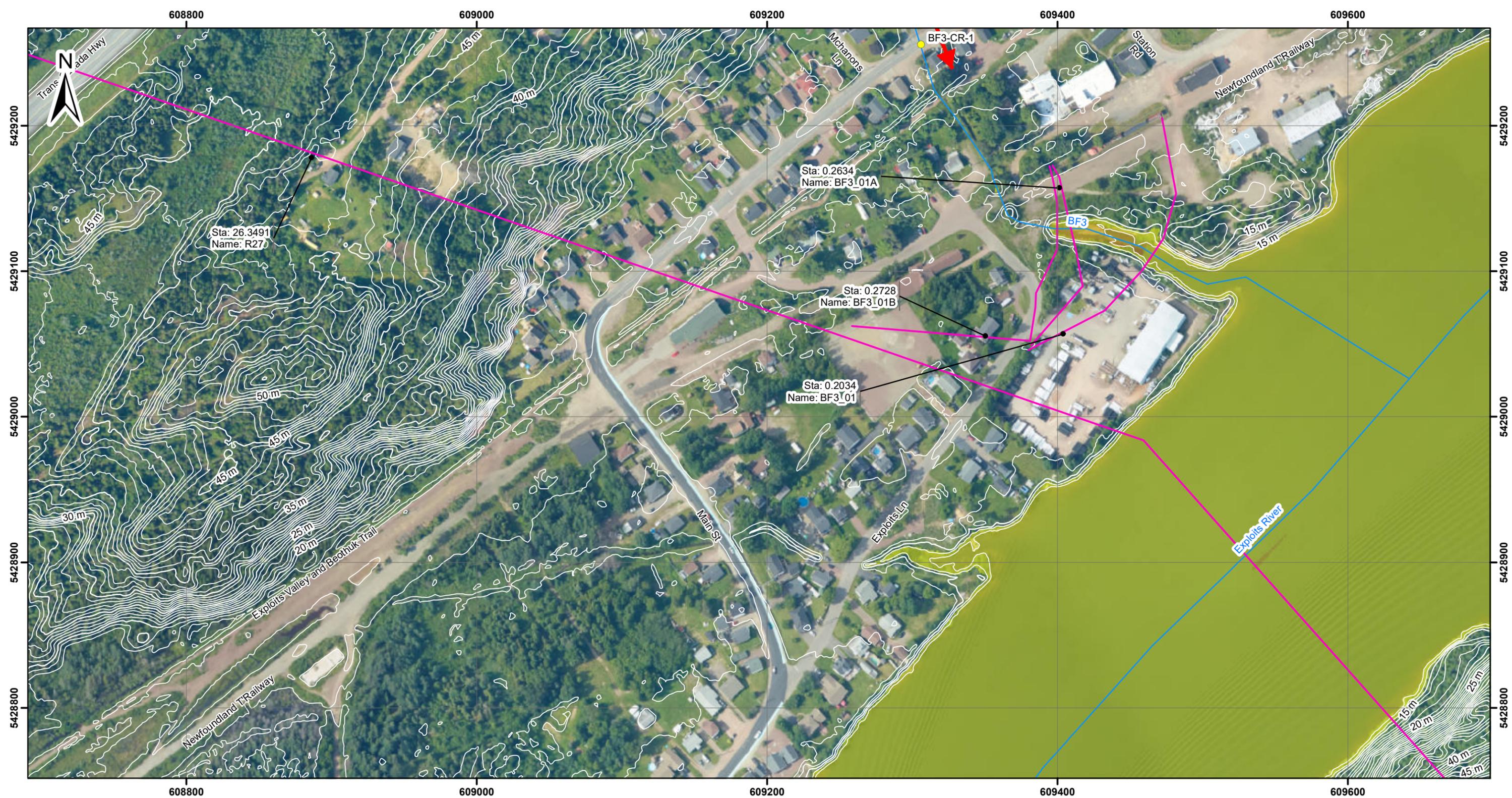
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

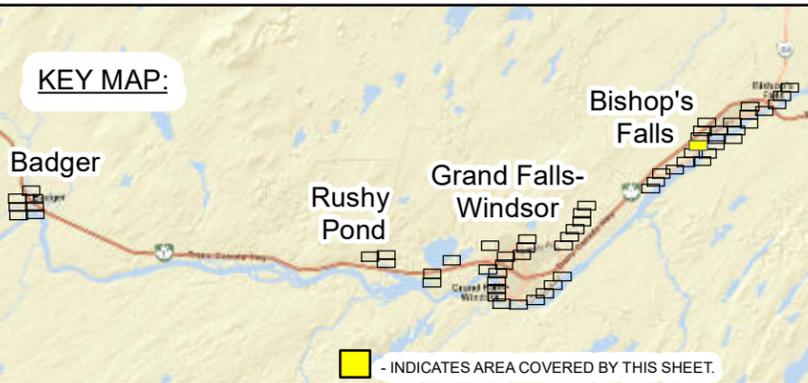
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
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 Cross Sections

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WATER RESOURCES MANAGEMENT DIVISION

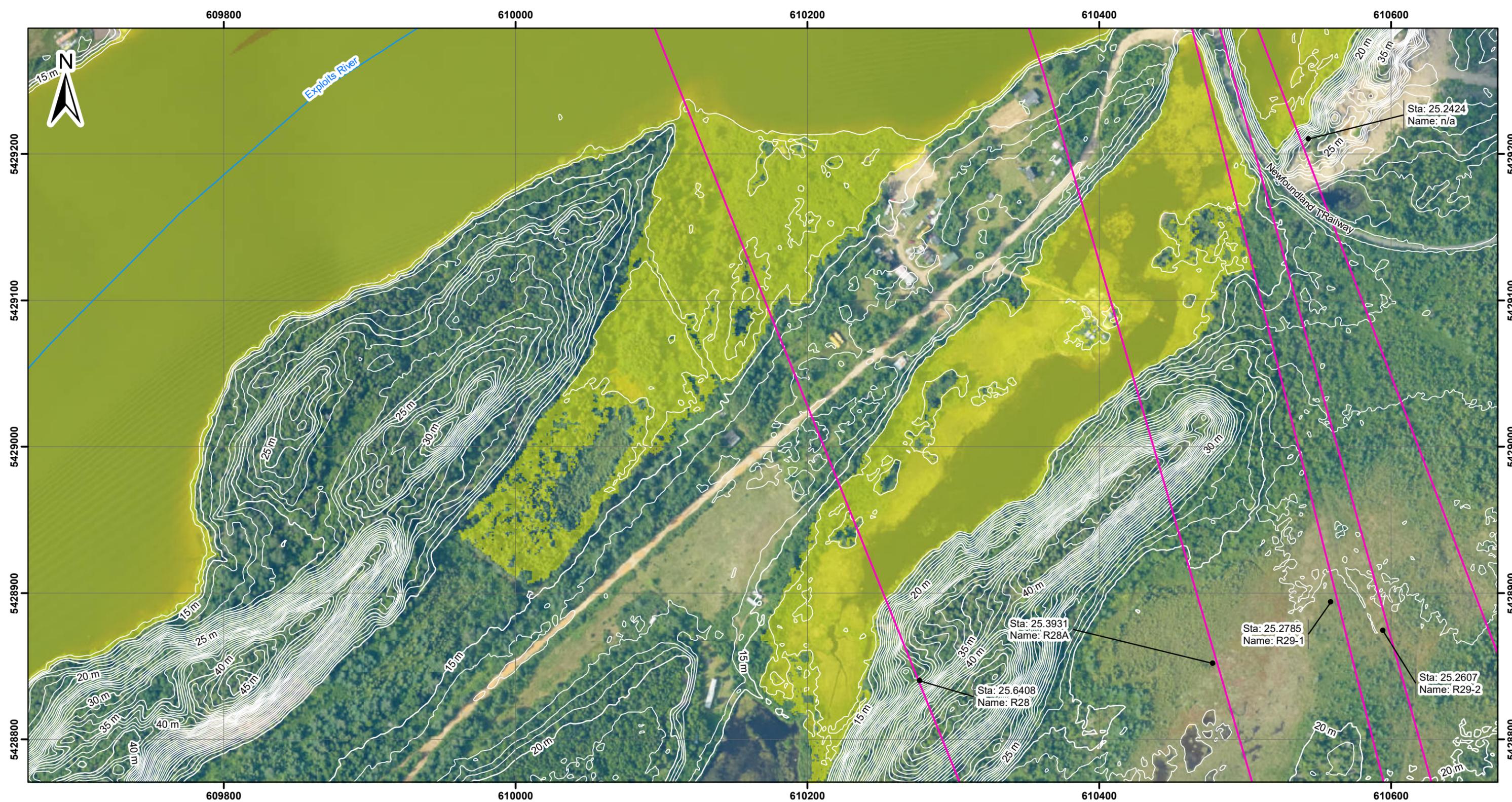
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
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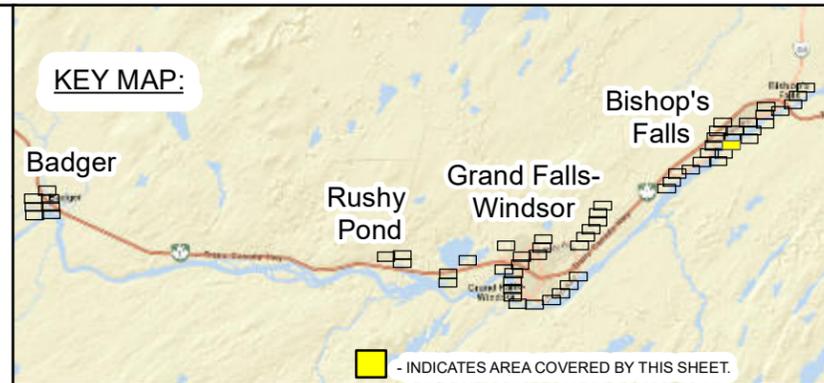
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WATER RESOURCES MANAGEMENT DIVISION

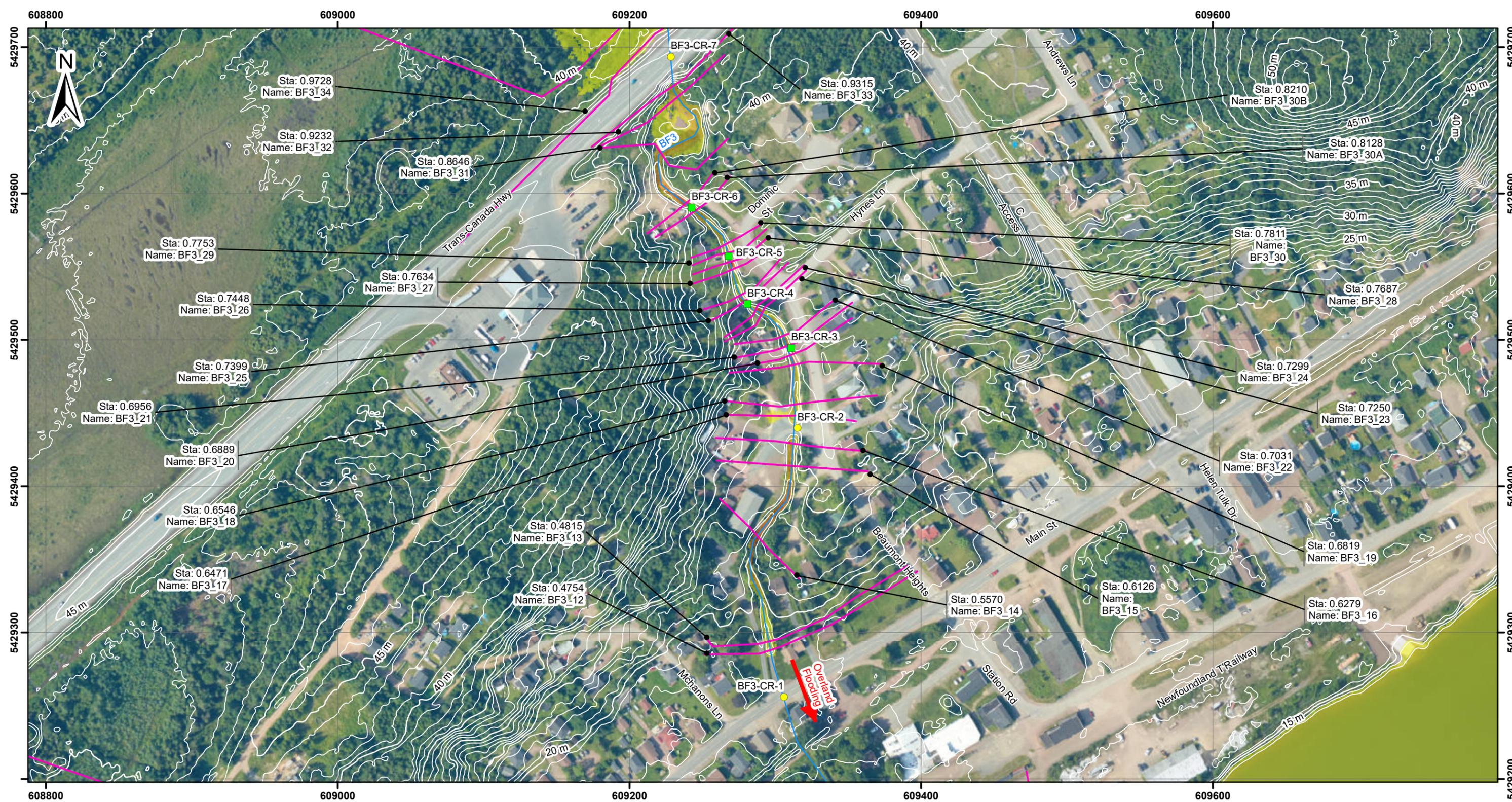
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

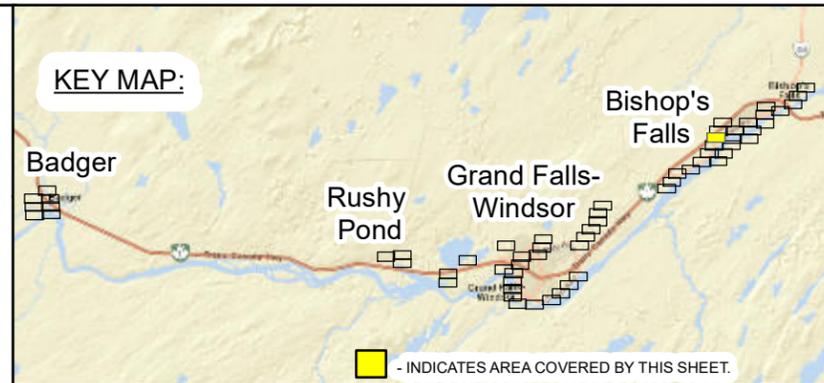
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WATER RESOURCES MANAGEMENT DIVISION

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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE:5/17/2021

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

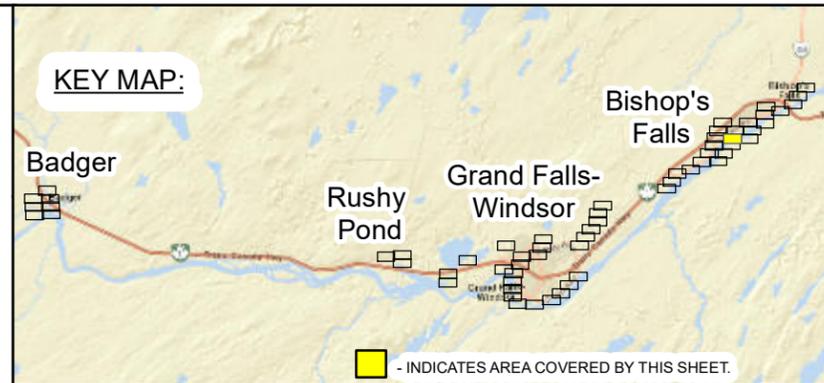
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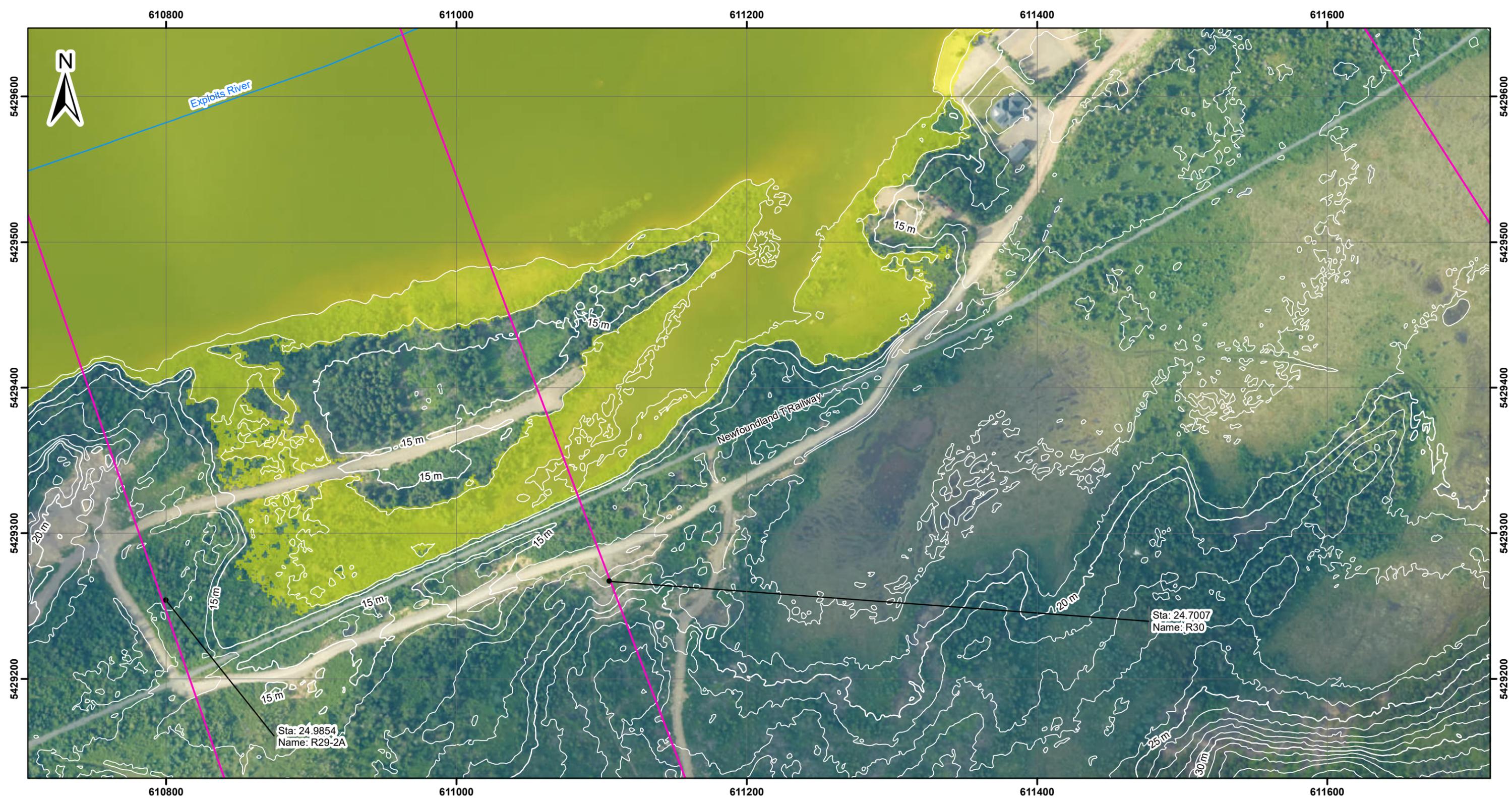
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

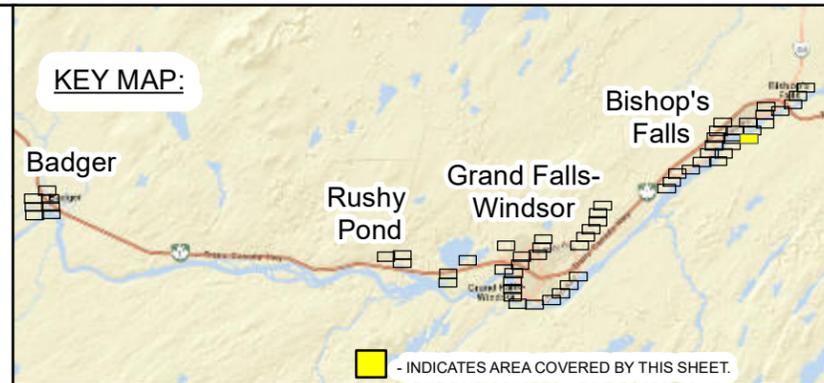
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WATER RESOURCES MANAGEMENT DIVISION

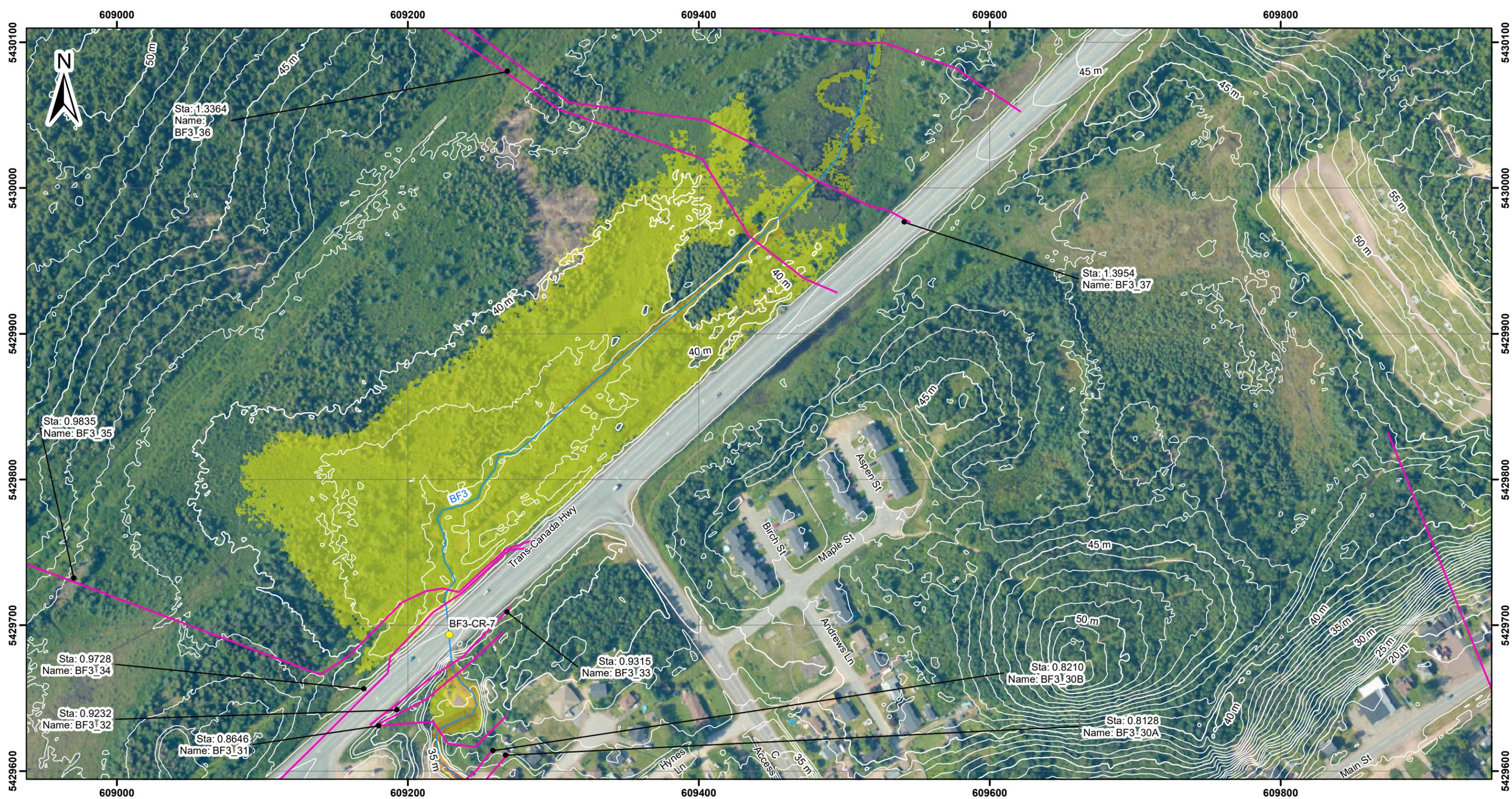
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

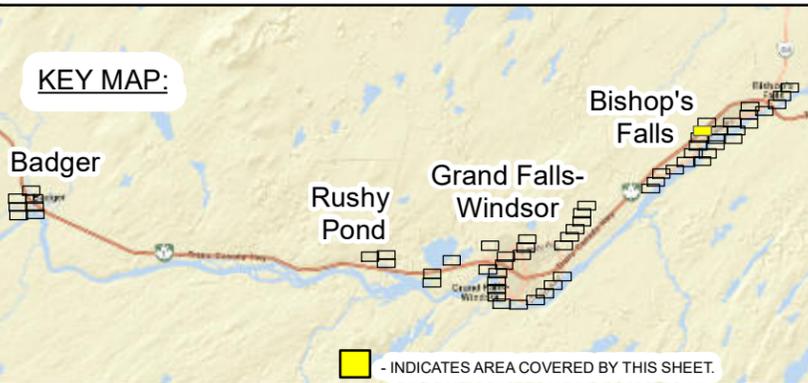
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
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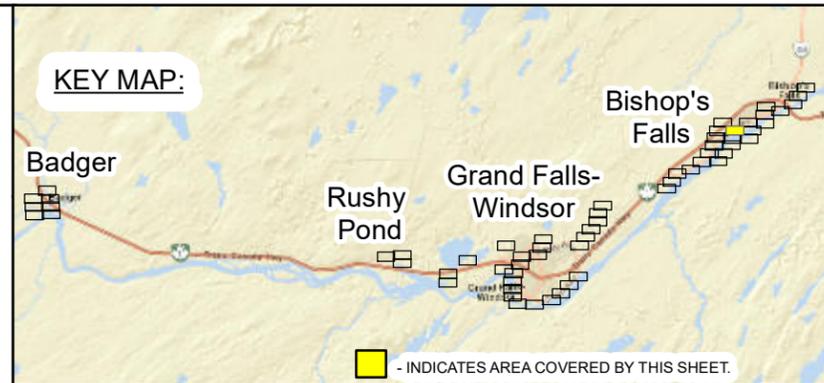
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WATER RESOURCES MANAGEMENT DIVISION

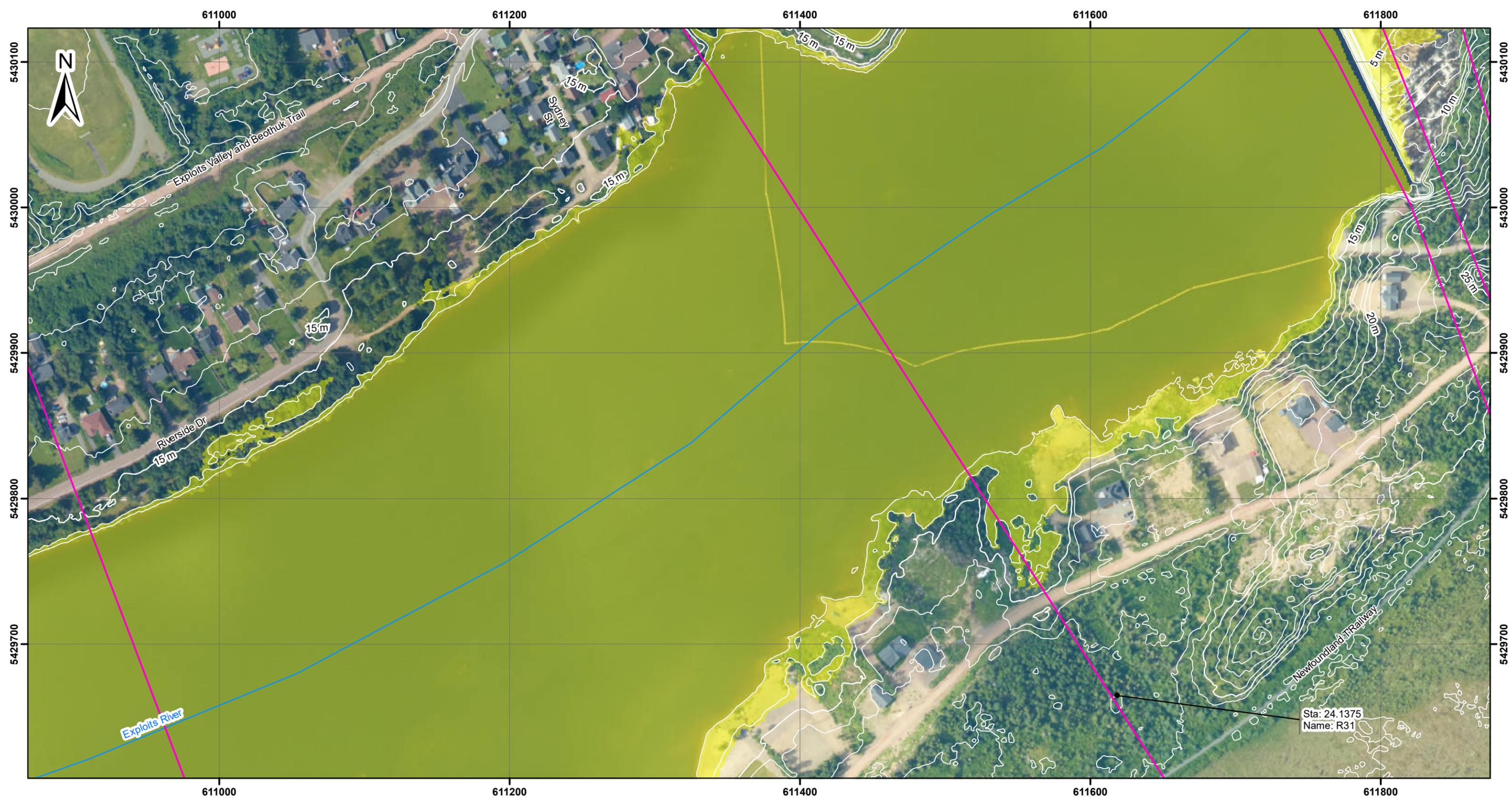
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 51 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

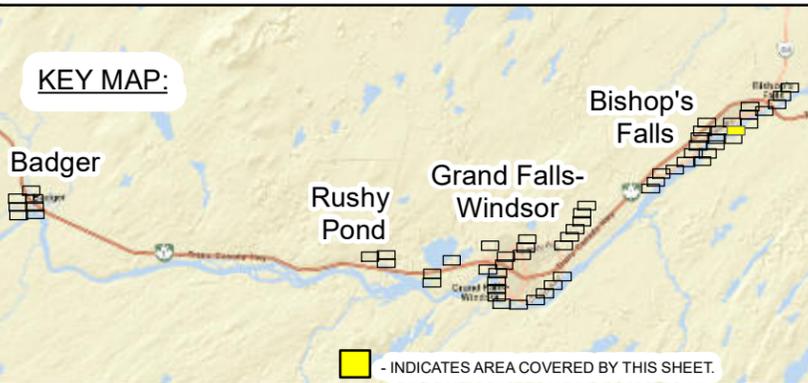
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
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WATER RESOURCES MANAGEMENT DIVISION

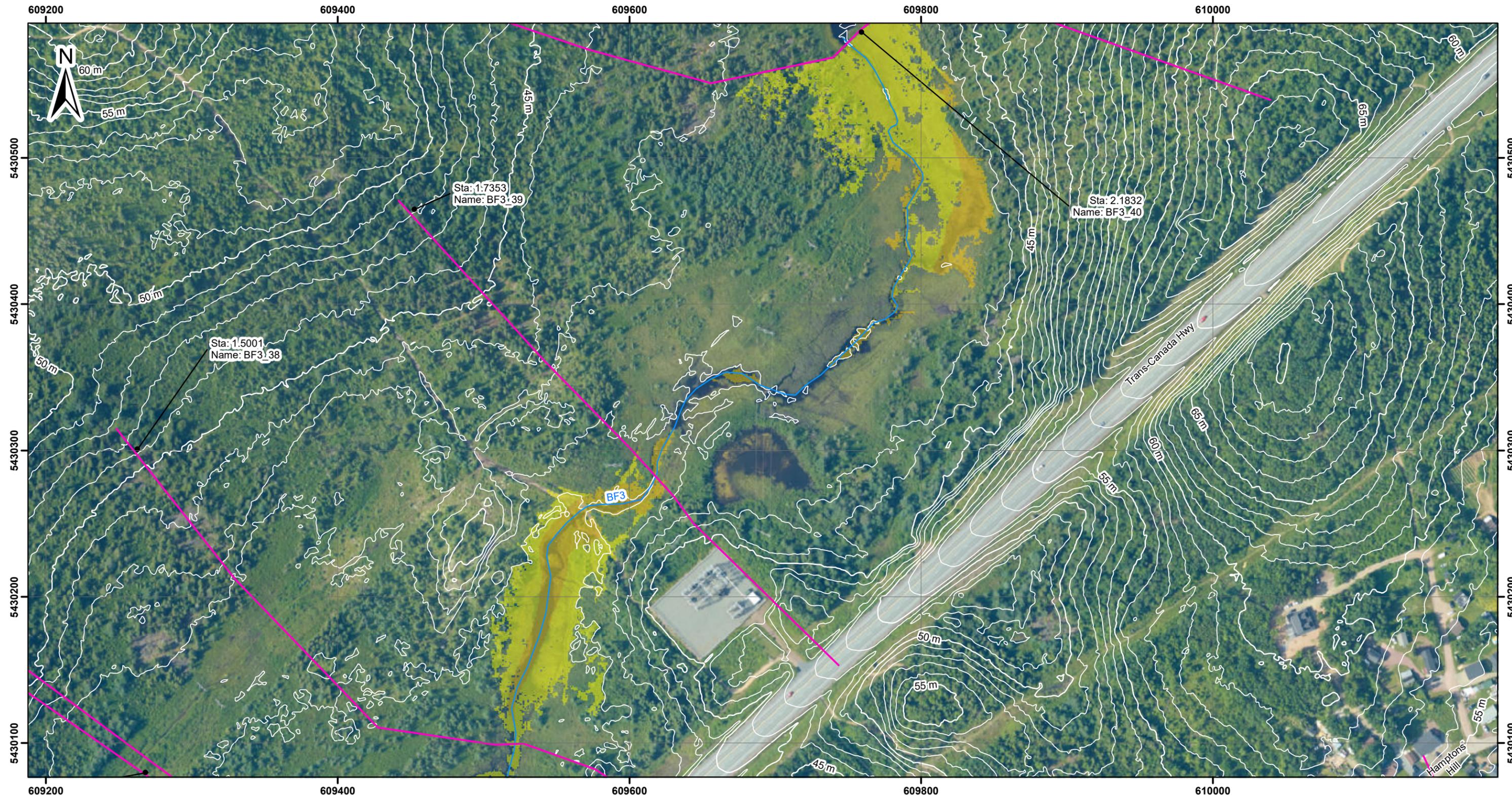
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

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Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

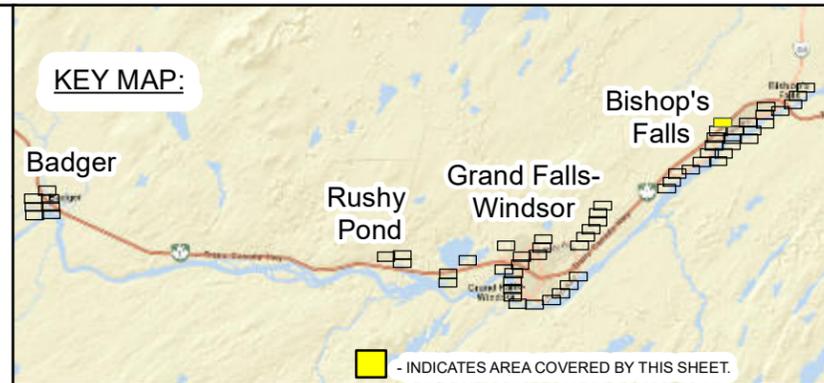
- Overland Flooding
- Watercourse Centerline
- 1 m Contours
- Bridge
- Culvert
- Hydrometric Station
- Sta: Station
- Name: Survey ID (n/a if not surveyed)
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WATER RESOURCES MANAGEMENT DIVISION

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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 53 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

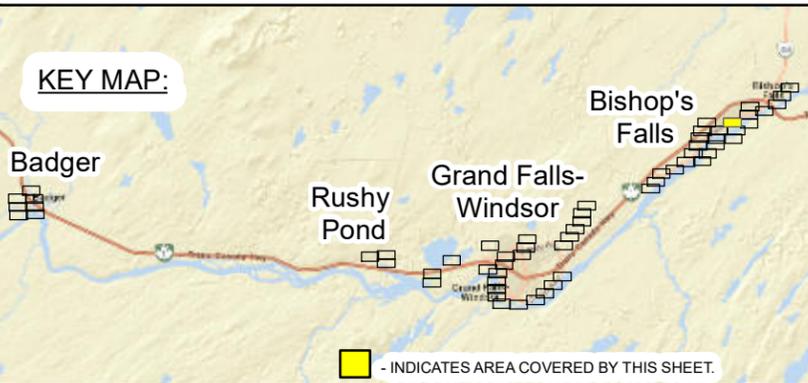
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WATER RESOURCES MANAGEMENT DIVISION

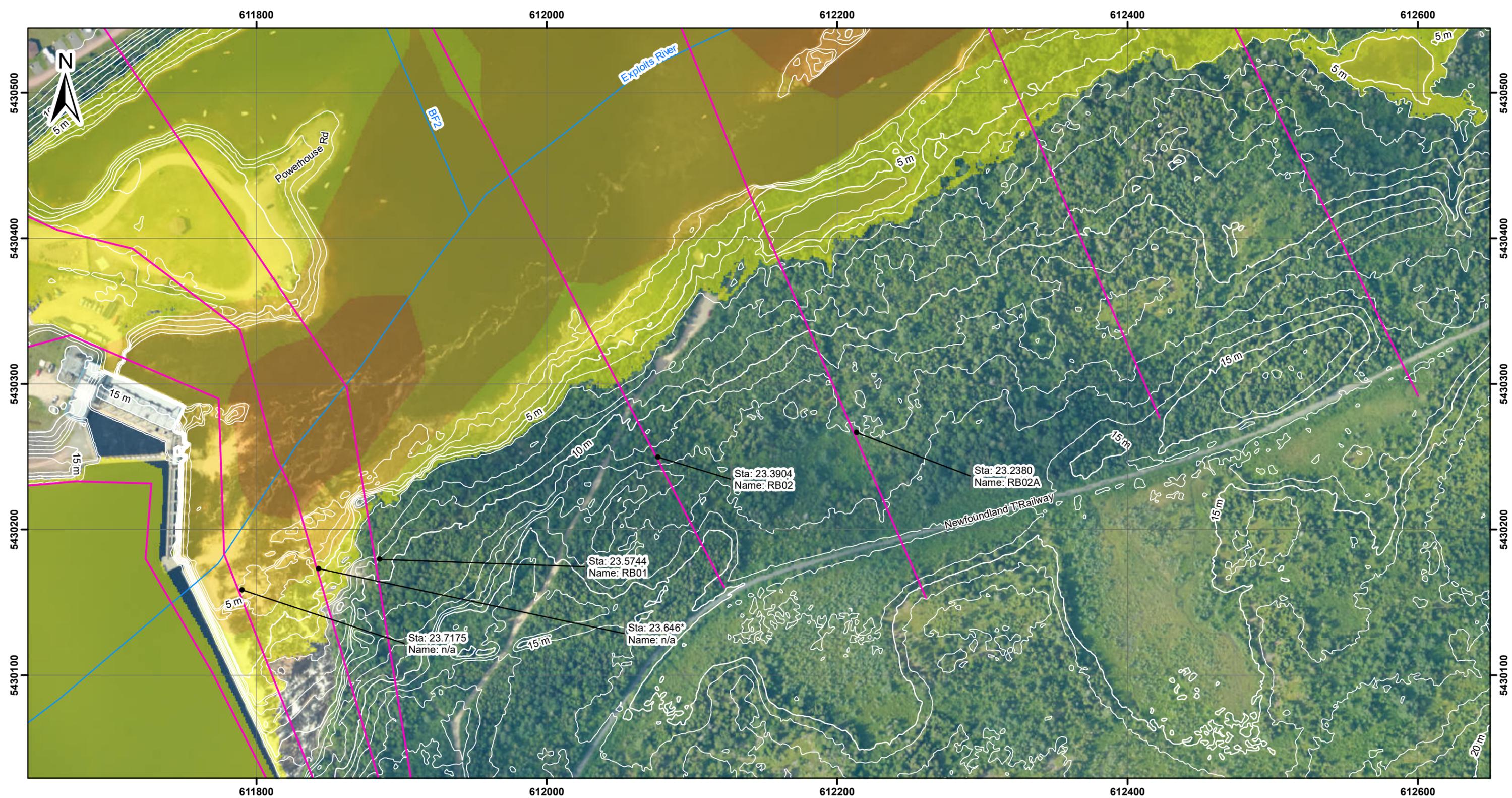
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

Page 54 of 61



Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

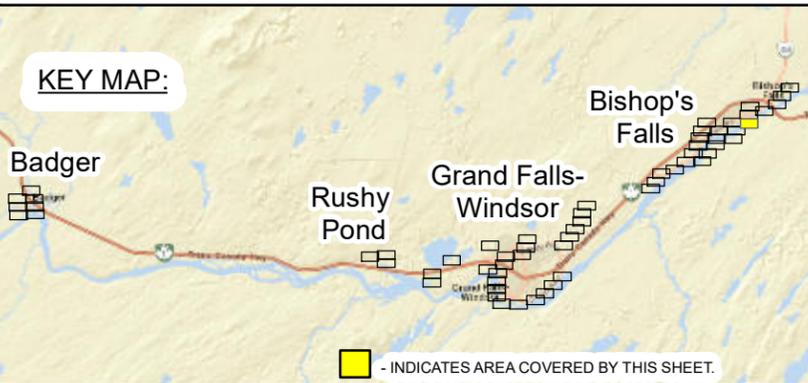
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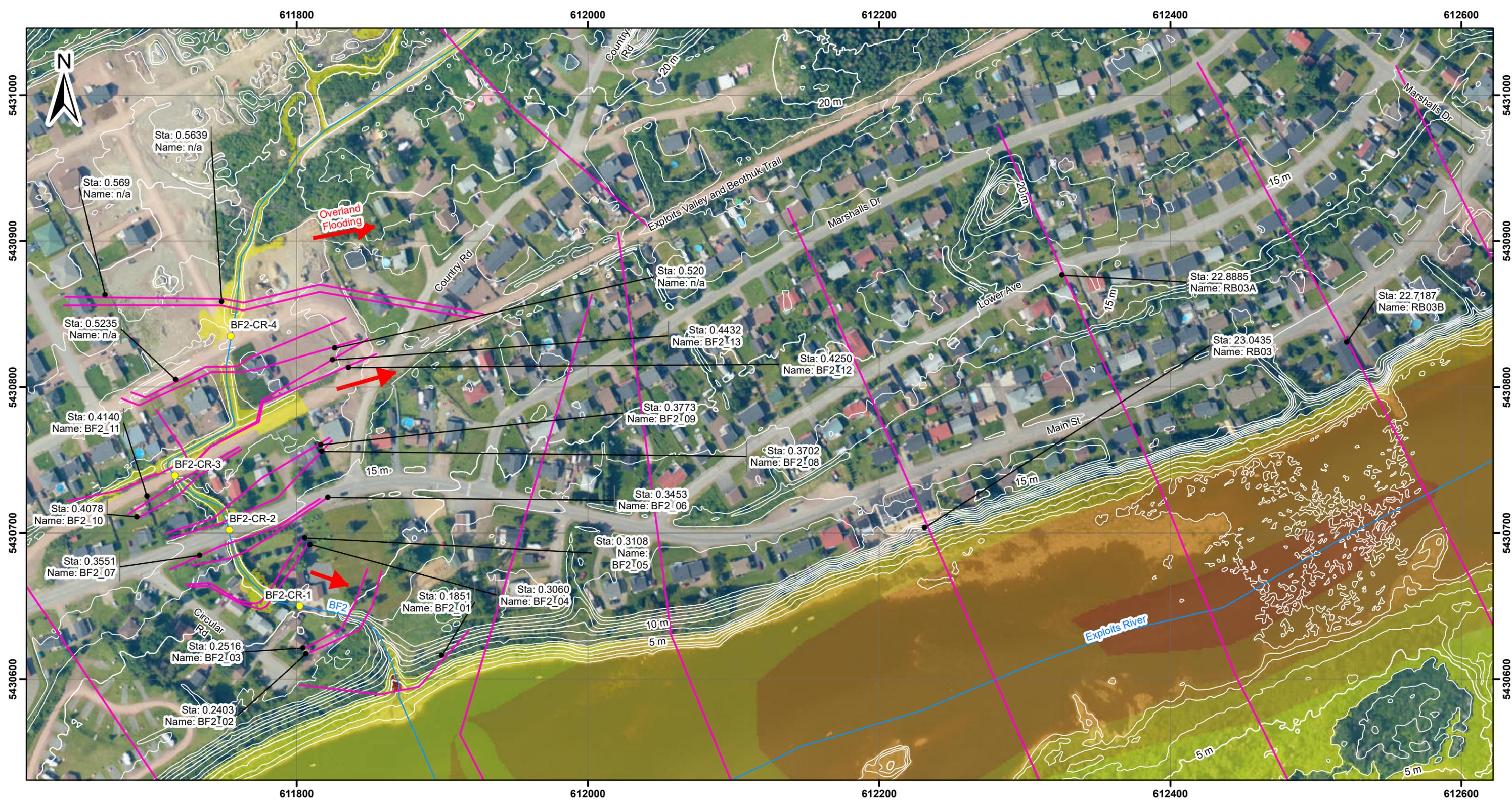
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MAP SET #8
FLOOD VELOCITY MAP
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DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
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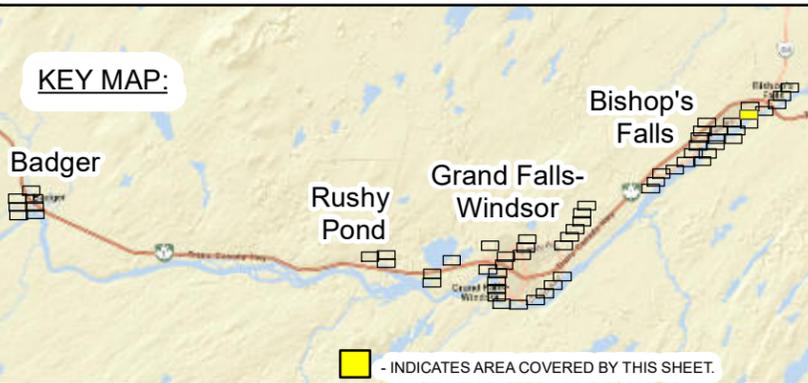
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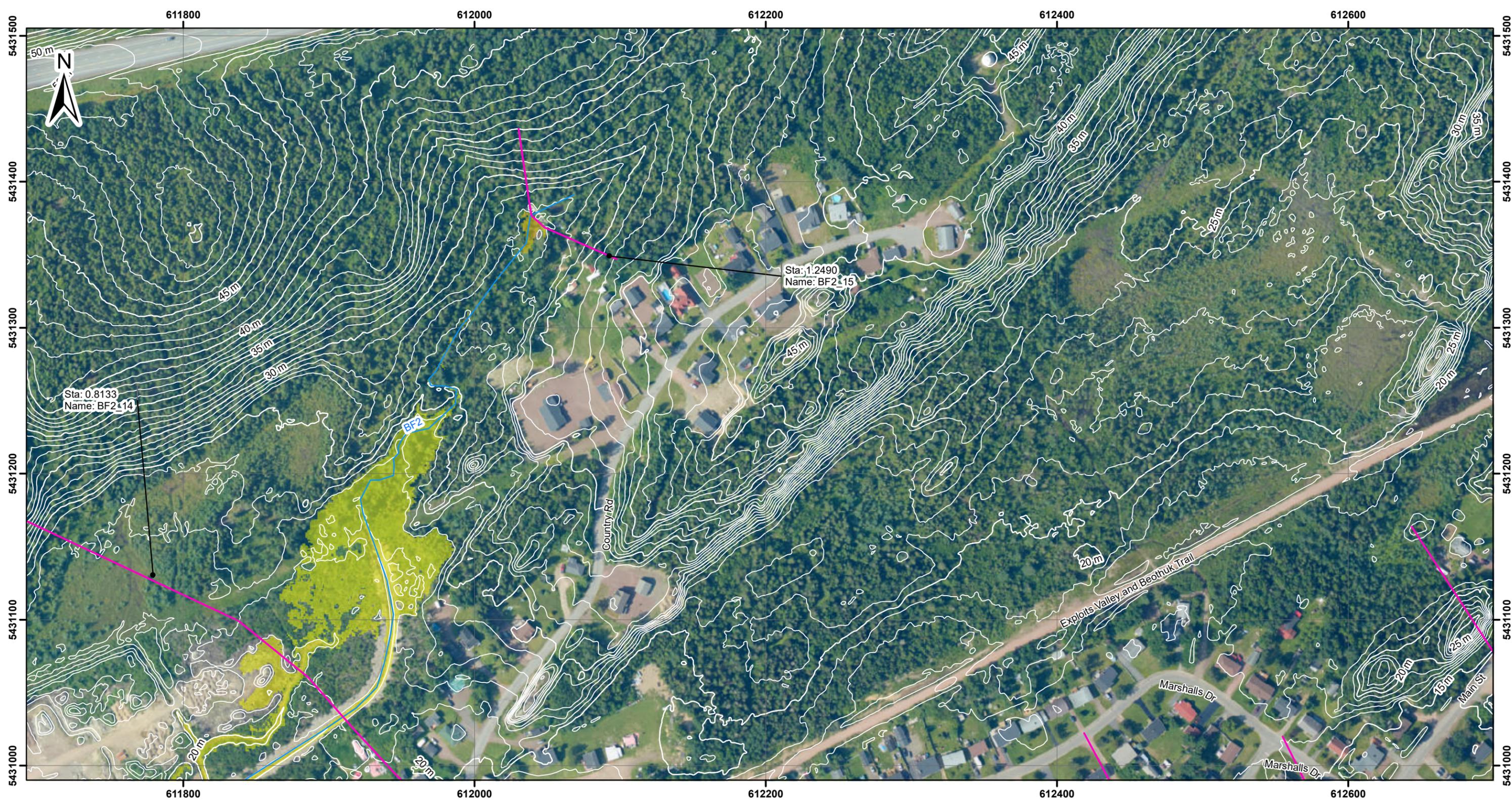
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MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

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Page 56 of 61



Legend

Water Velocity (m/s)

- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

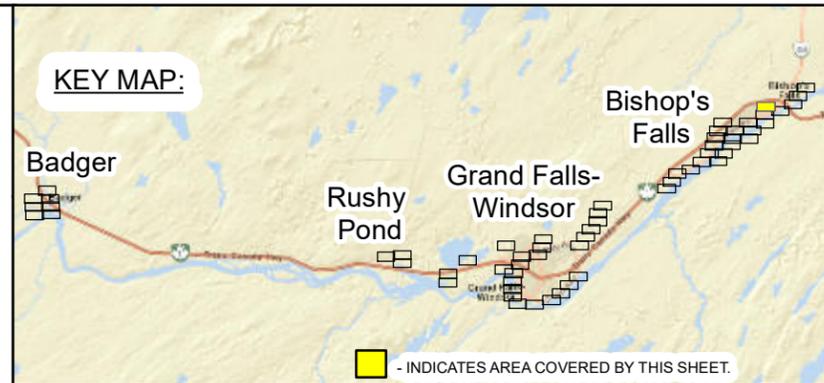
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WATER RESOURCES MANAGEMENT DIVISION

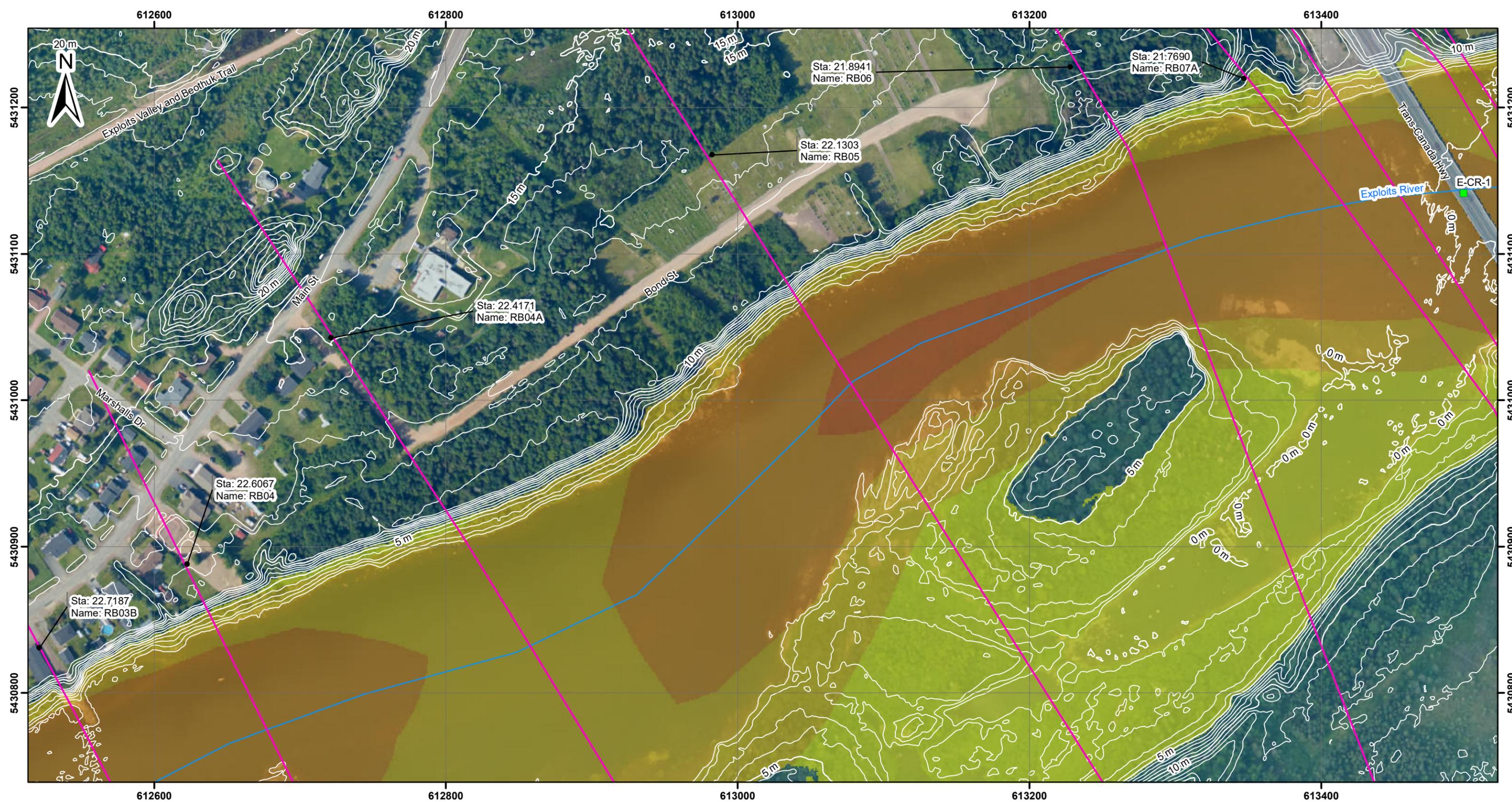
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MAP SET #8
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1:100 AEP - CURRENT CLIMATE
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PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

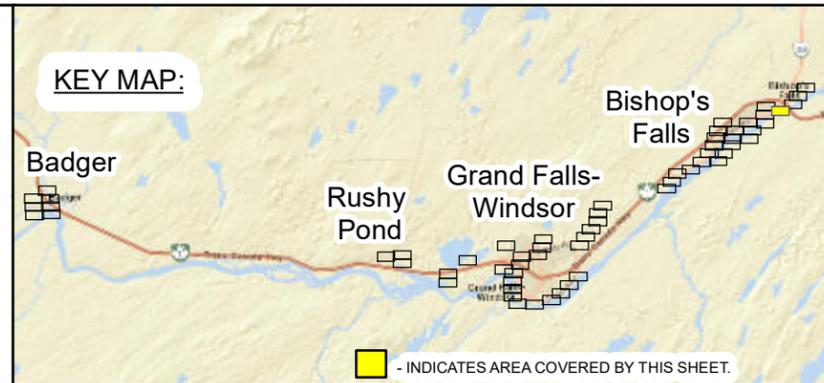
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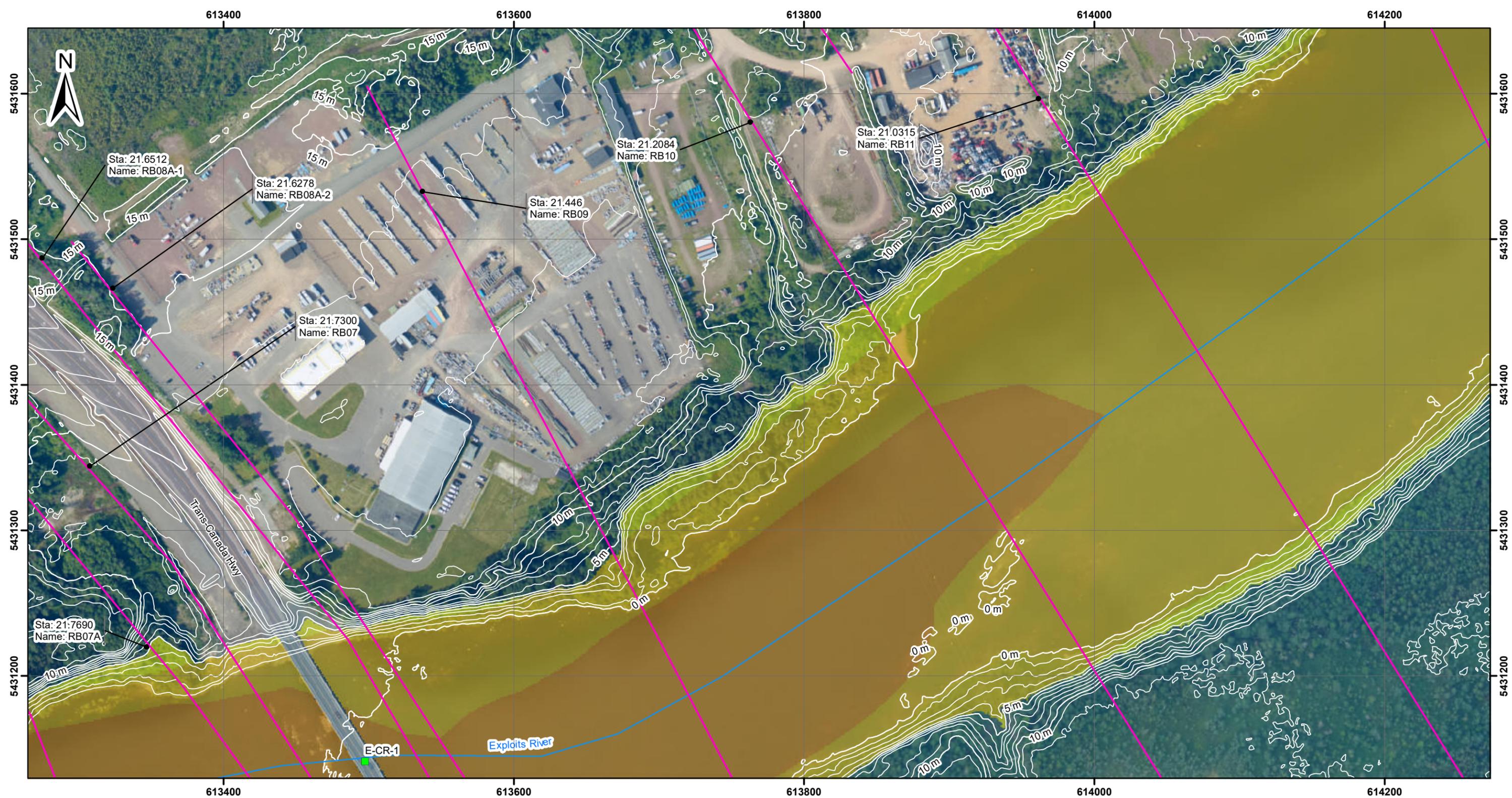
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1:100 AEP - CURRENT CLIMATE
DETAIL MAP

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
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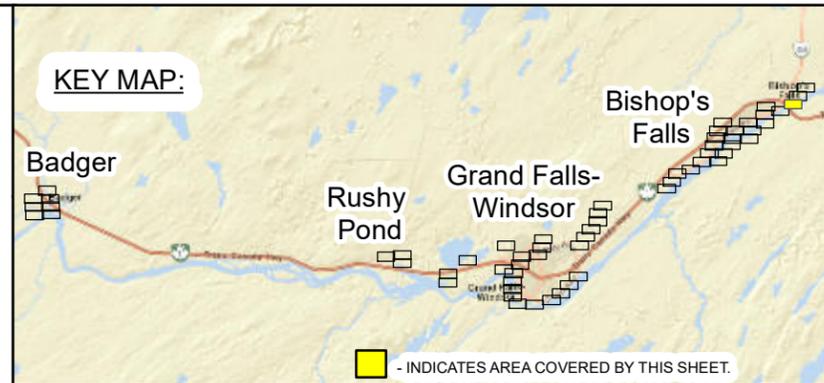
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 Hydrometric Station
 Sta: Station
 Name: Survey ID (n/a if not surveyed)

NOTES:

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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



HATCH Newfoundland Labrador

WATER RESOURCES MANAGEMENT DIVISION

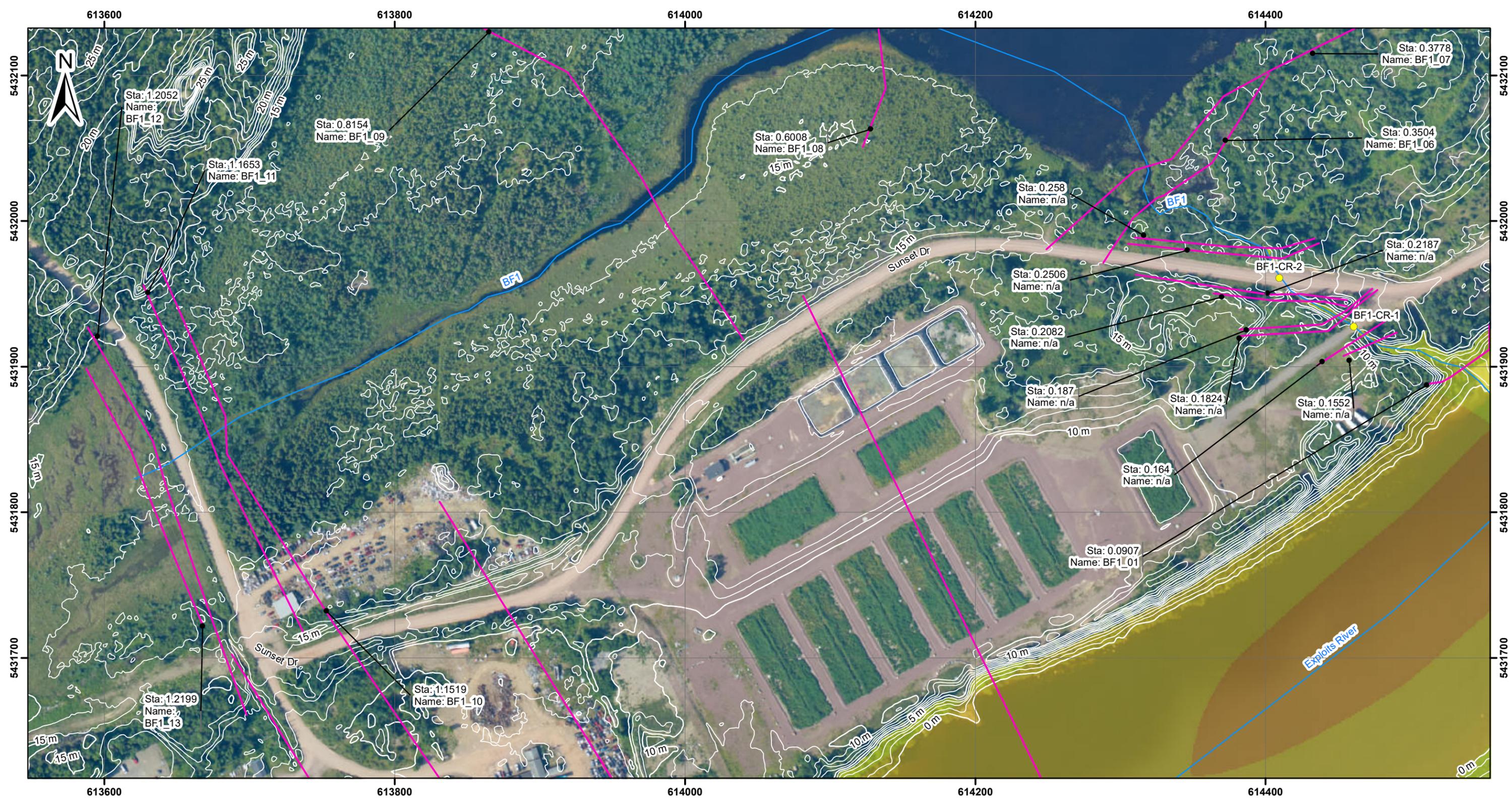
EXPLOITS RIVER FLOOD RISK MAPPING STUDY

MAP SET #8
FLOOD VELOCITY MAP
1:100 AEP - CURRENT CLIMATE
DETAIL MAP

DATE: 5/17/2021

PROJECT #: H-358566

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Legend

Water Velocity (m/s)

0 - 1
1 - 2
2 - 3
3 - 4
4 - 5
> 5

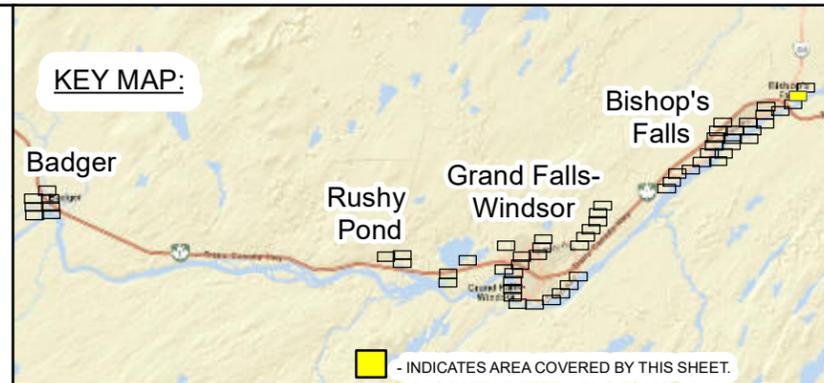
Overland Flooding
 Watercourse Centerline
 1 m Contours
 Bridge
 Culvert
 Hydrometric Station
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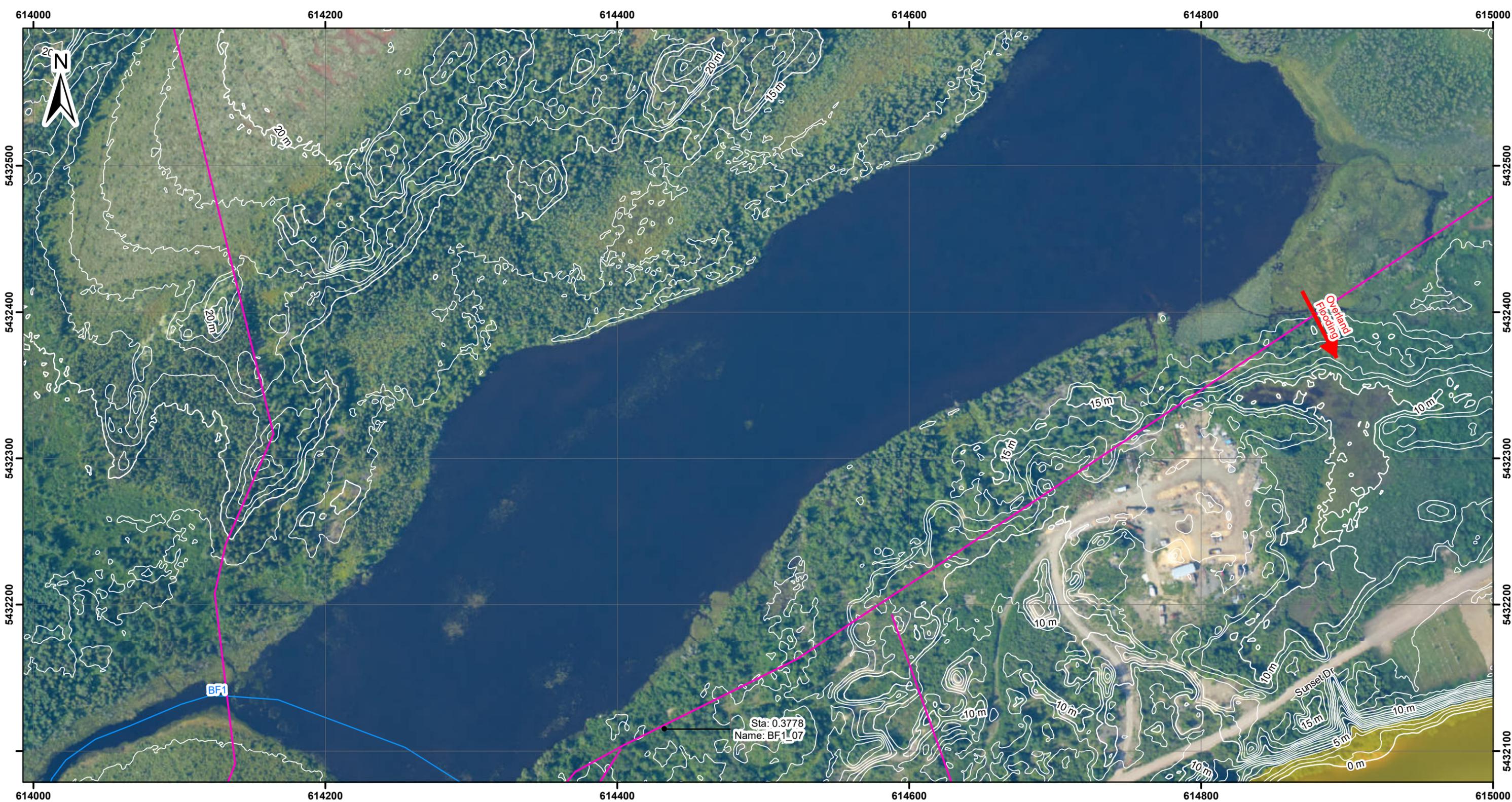
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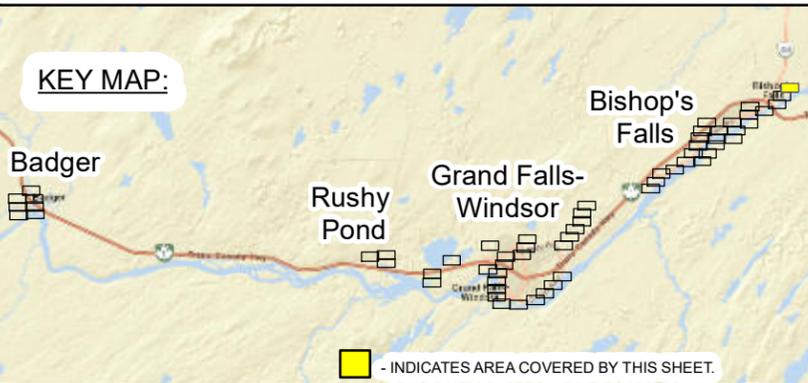
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