Appendix E-2 Inundation Maps



Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2024-12-19

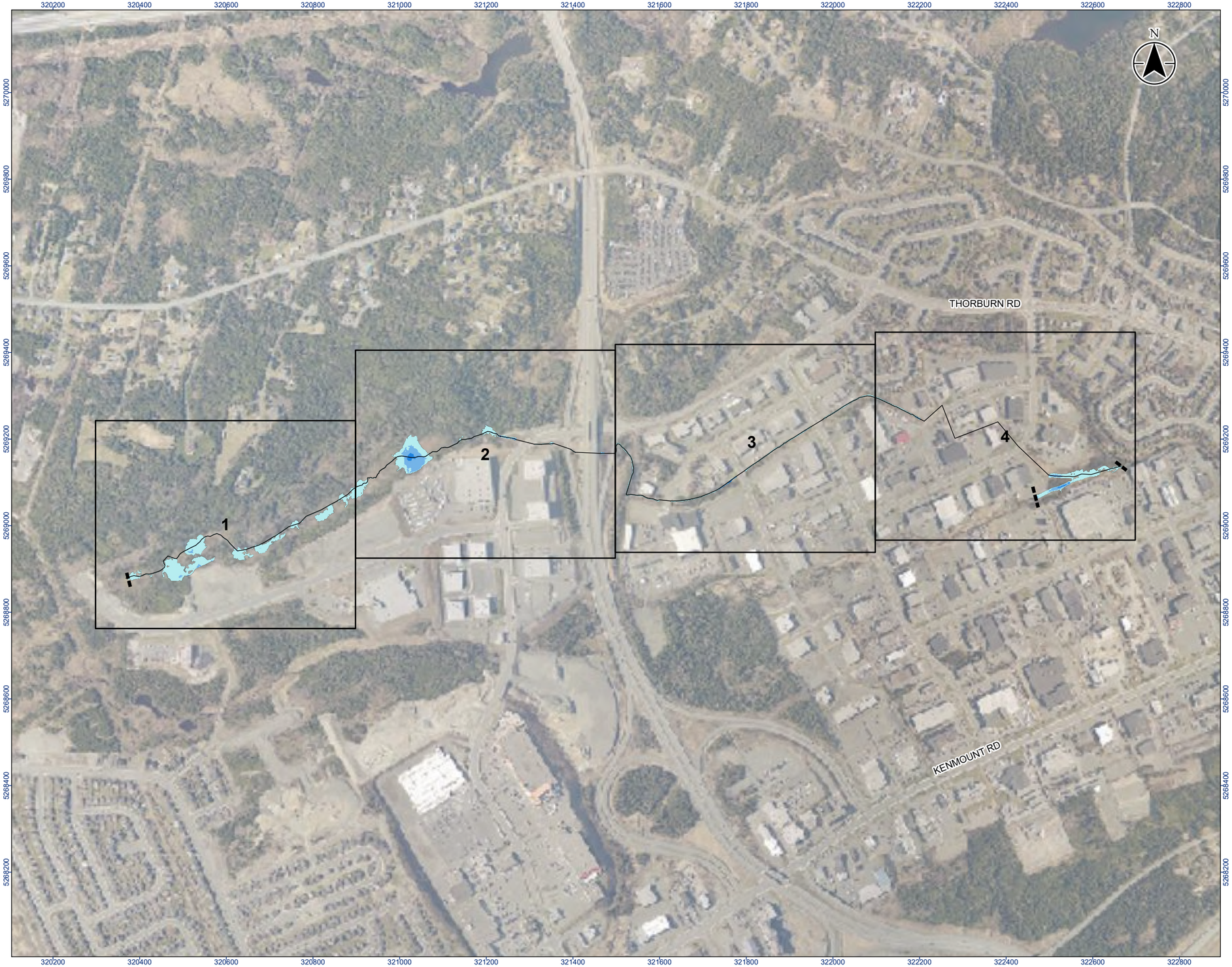
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
15-0

Title
Current Climate Condition
20-Year Inundation - Barrow Road Stream

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Stantec

Legend

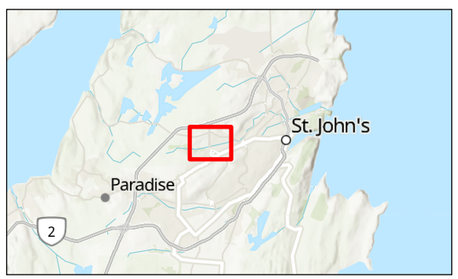
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 175 350 m

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
16-0

Title
Current Climate Condition
20-Year Inundation - Holes In Marsh Brook
Overview Map

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Stantec

Legend

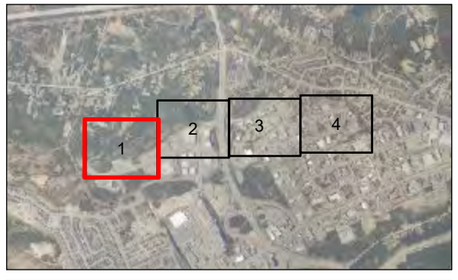
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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Prepared by kaitang on 2024-12-19

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
16-1

Title
Current Climate Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 1 of 4

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
16-2

Title
Current Climate Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 2 of 4

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Legend

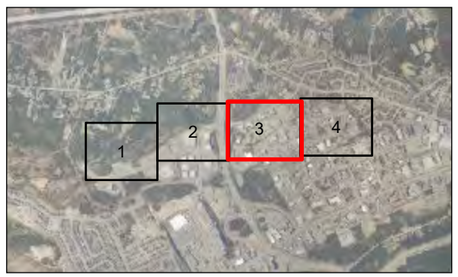
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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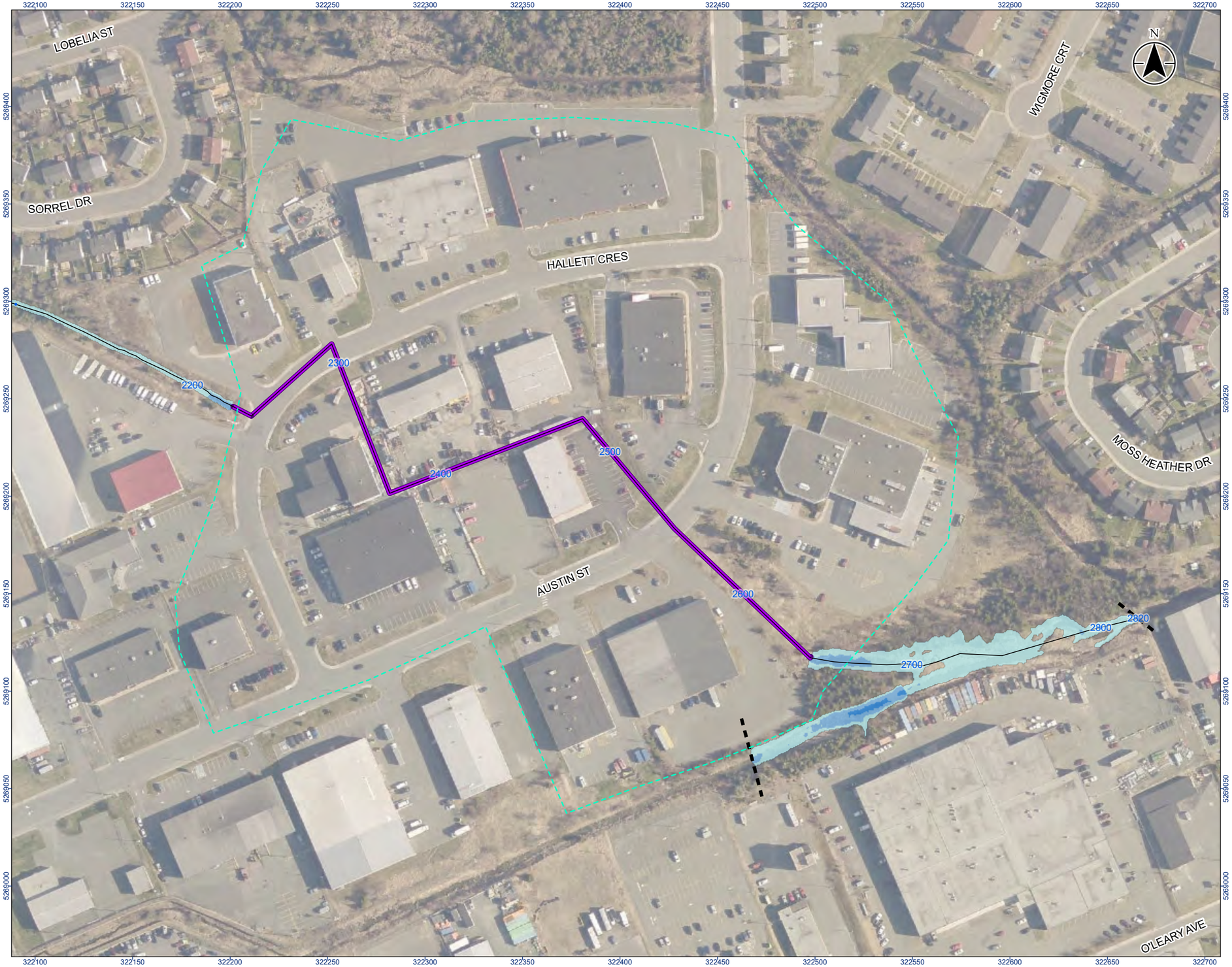
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
16-3

Title
Current Climate Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 3 of 4

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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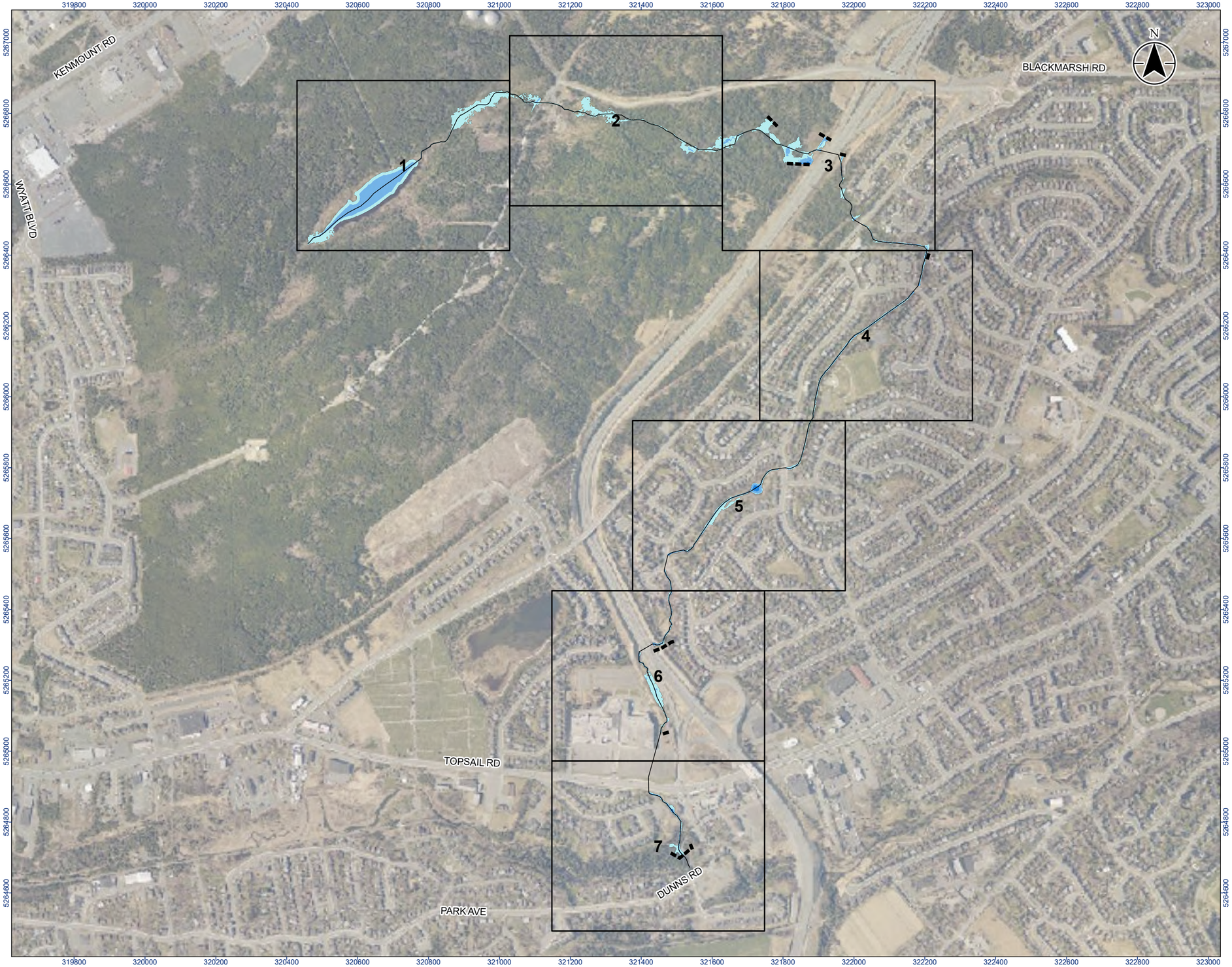
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
16-4

Title
Current Climate Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 4 of 4

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Legend

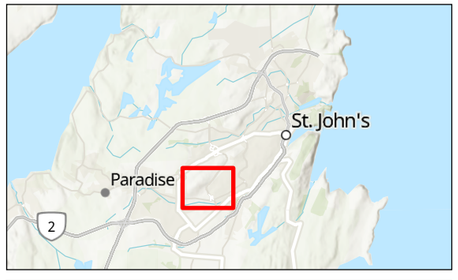
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 210 420 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-0

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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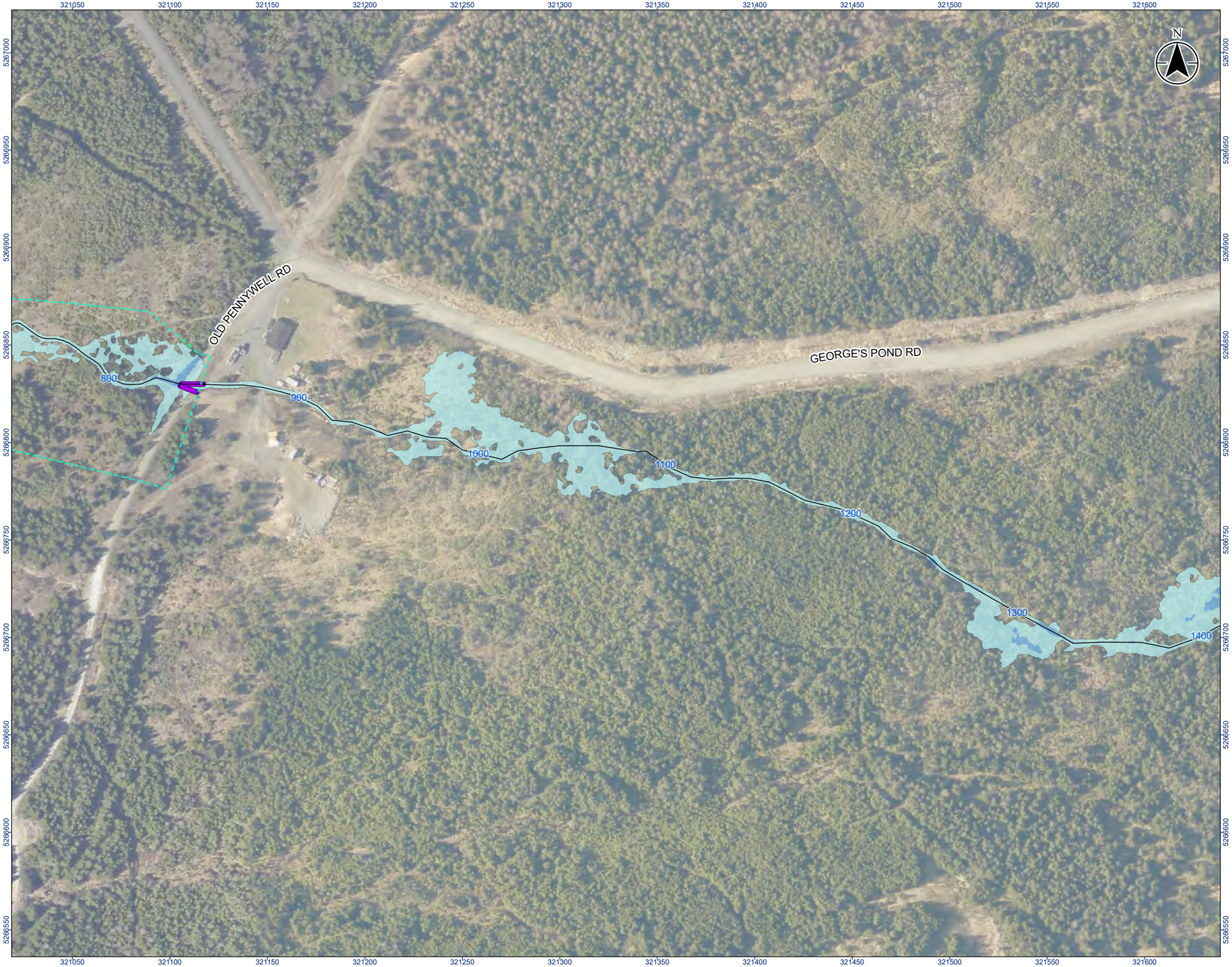
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-1

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 1 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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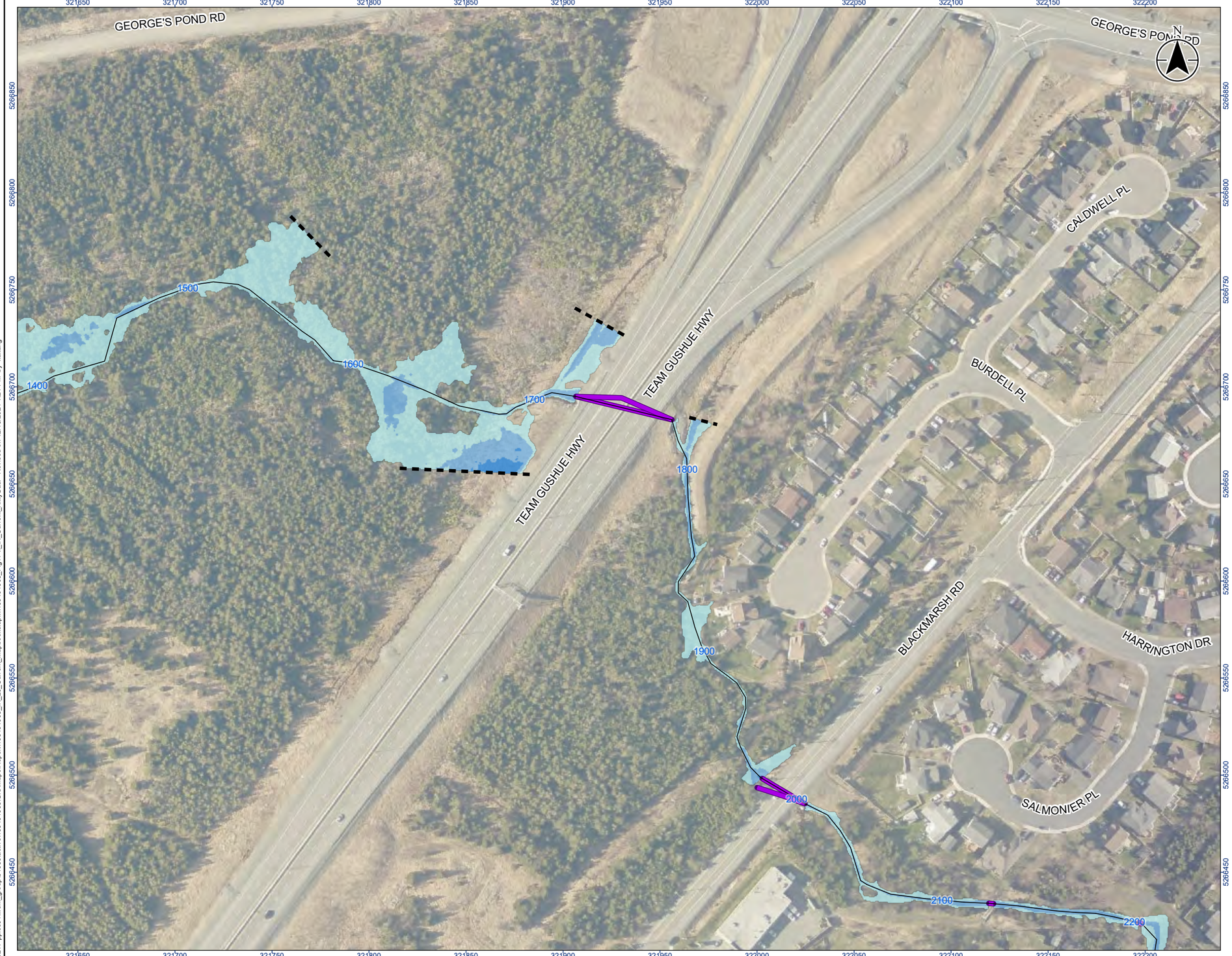
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-2

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 2 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-3

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 3 of 7

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Stantec

Legend

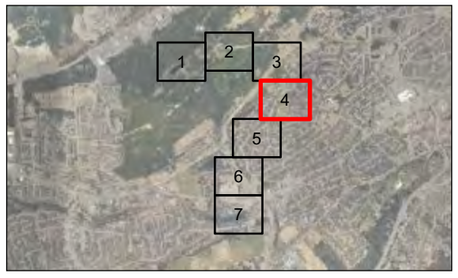
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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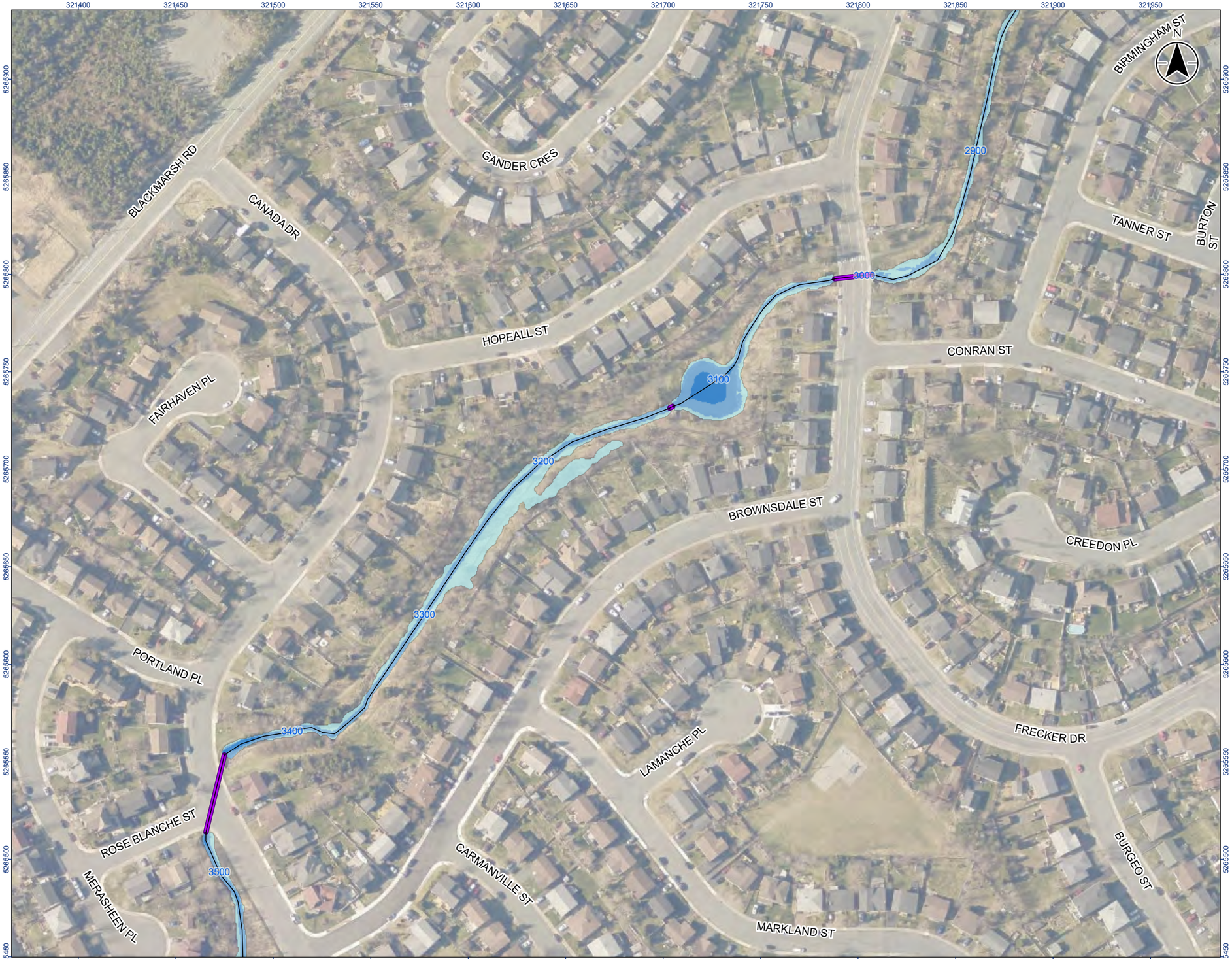
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-4

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-5

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-6

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 6 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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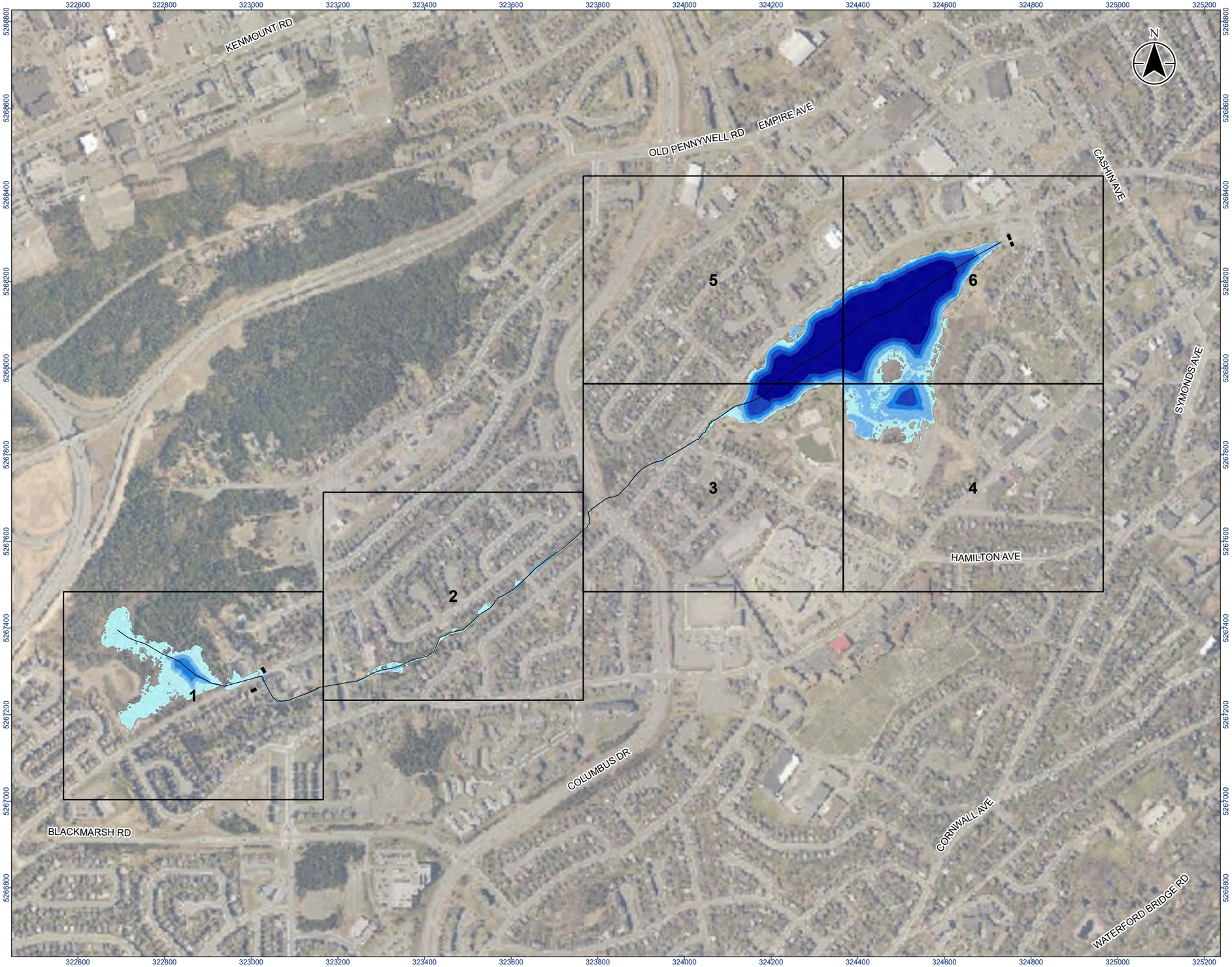
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
17-7

Title
Current Climate Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 7 of 7

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 175 350 m

1:9,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-05-26

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-0

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-1

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 1 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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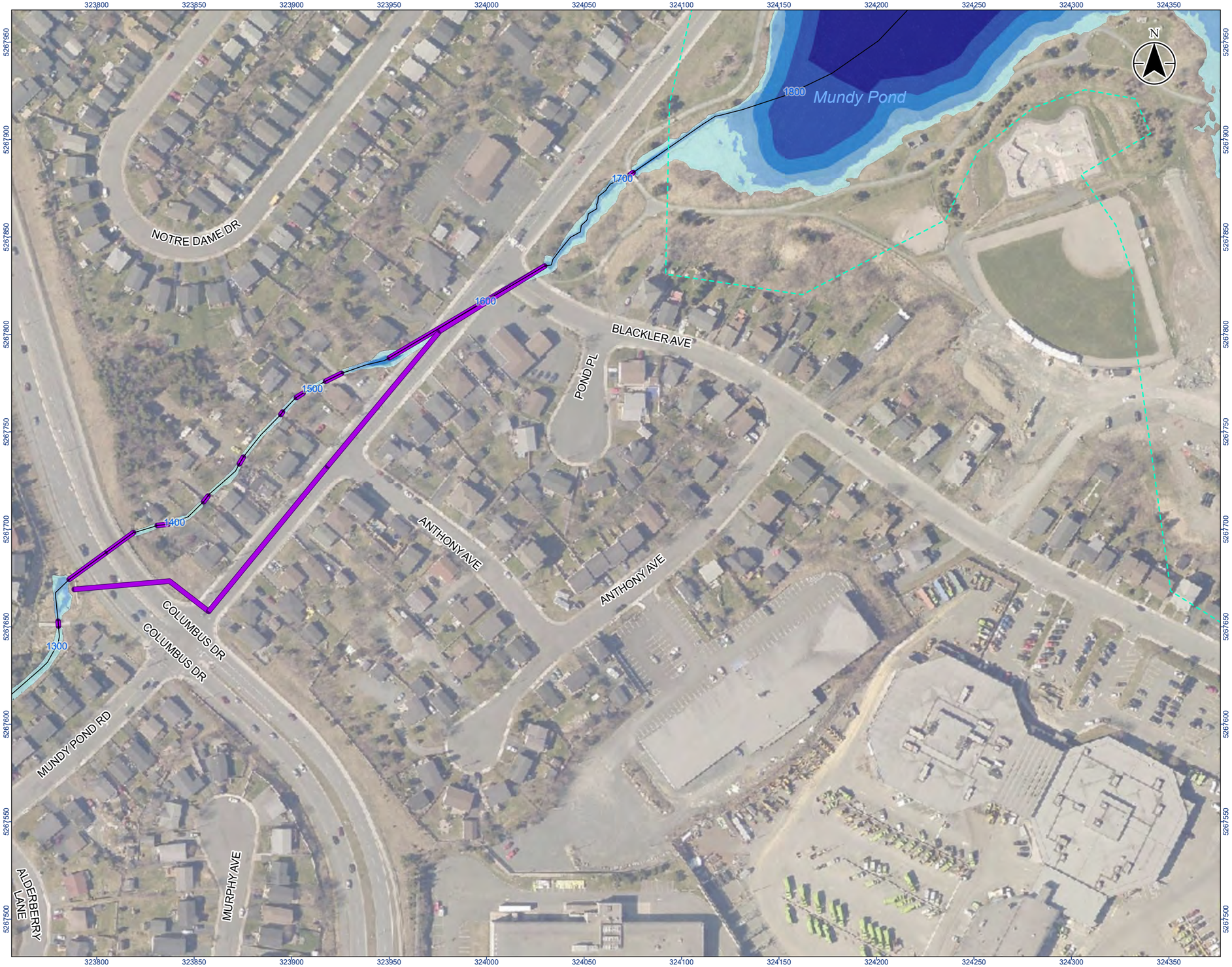
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-2

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 2 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes
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Project Location
City of St. John's

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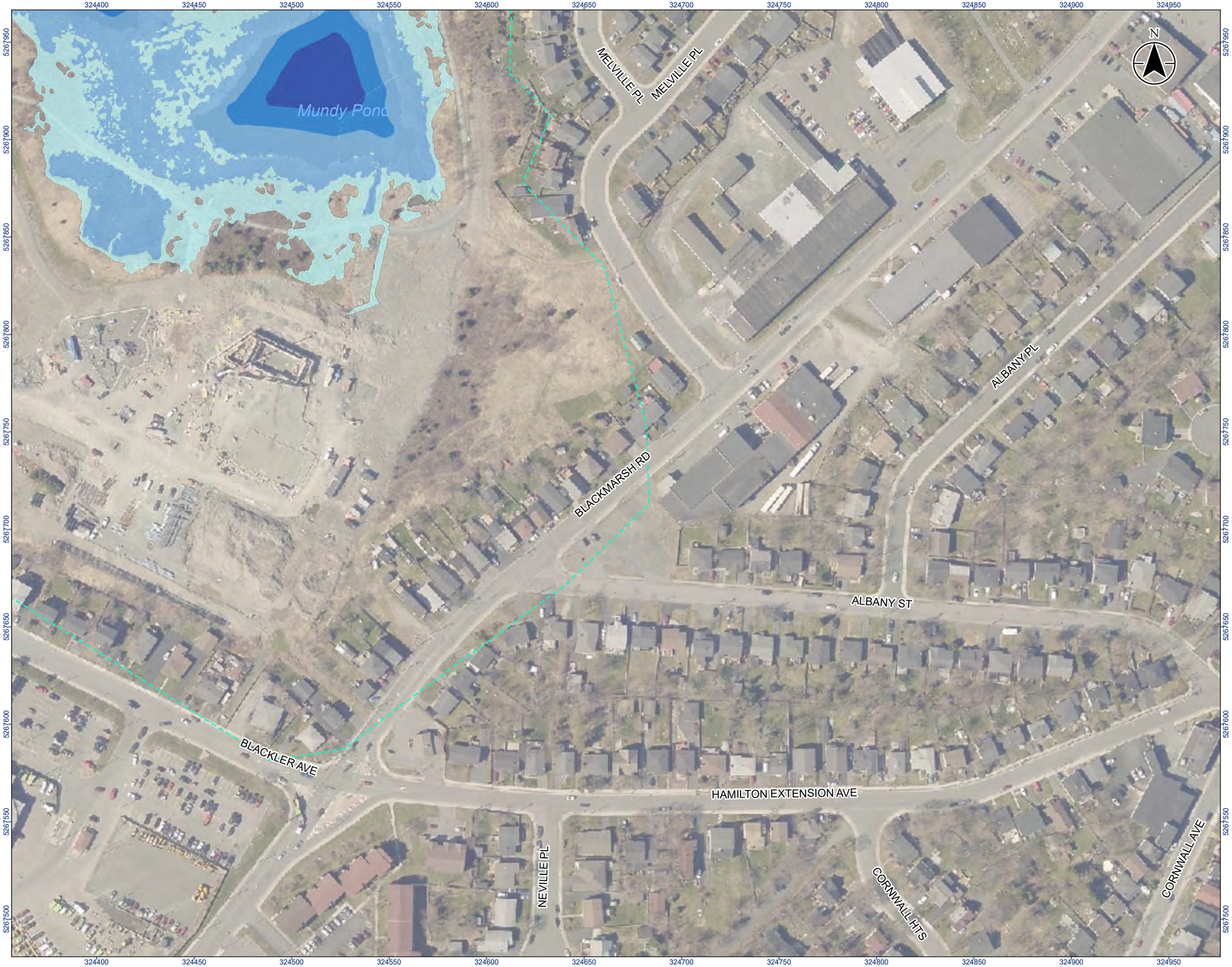
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-3

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 3 of 6

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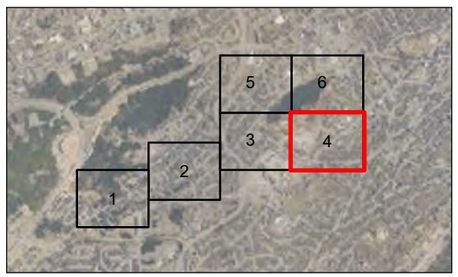
Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-4

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 4 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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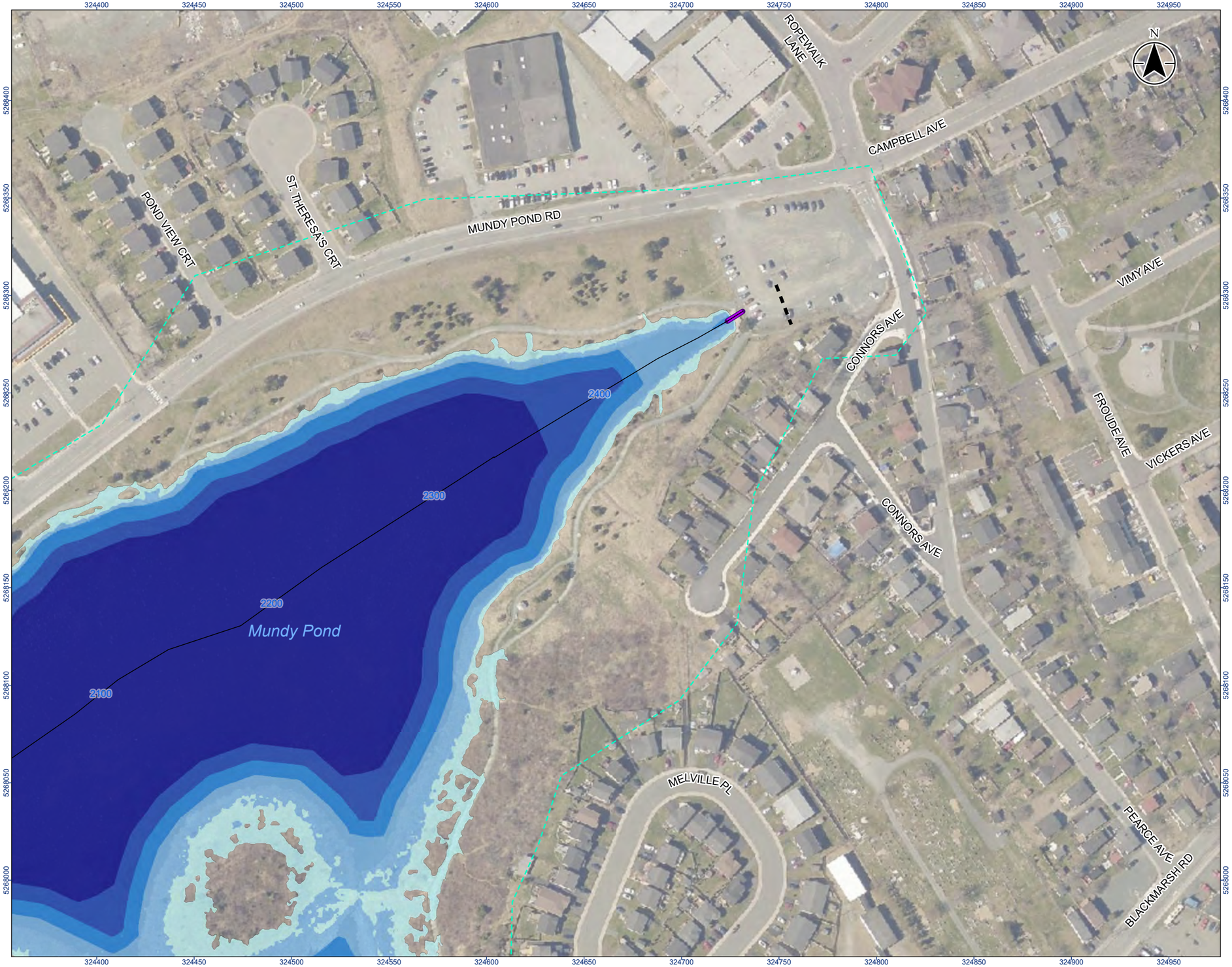
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-5

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 5 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-02

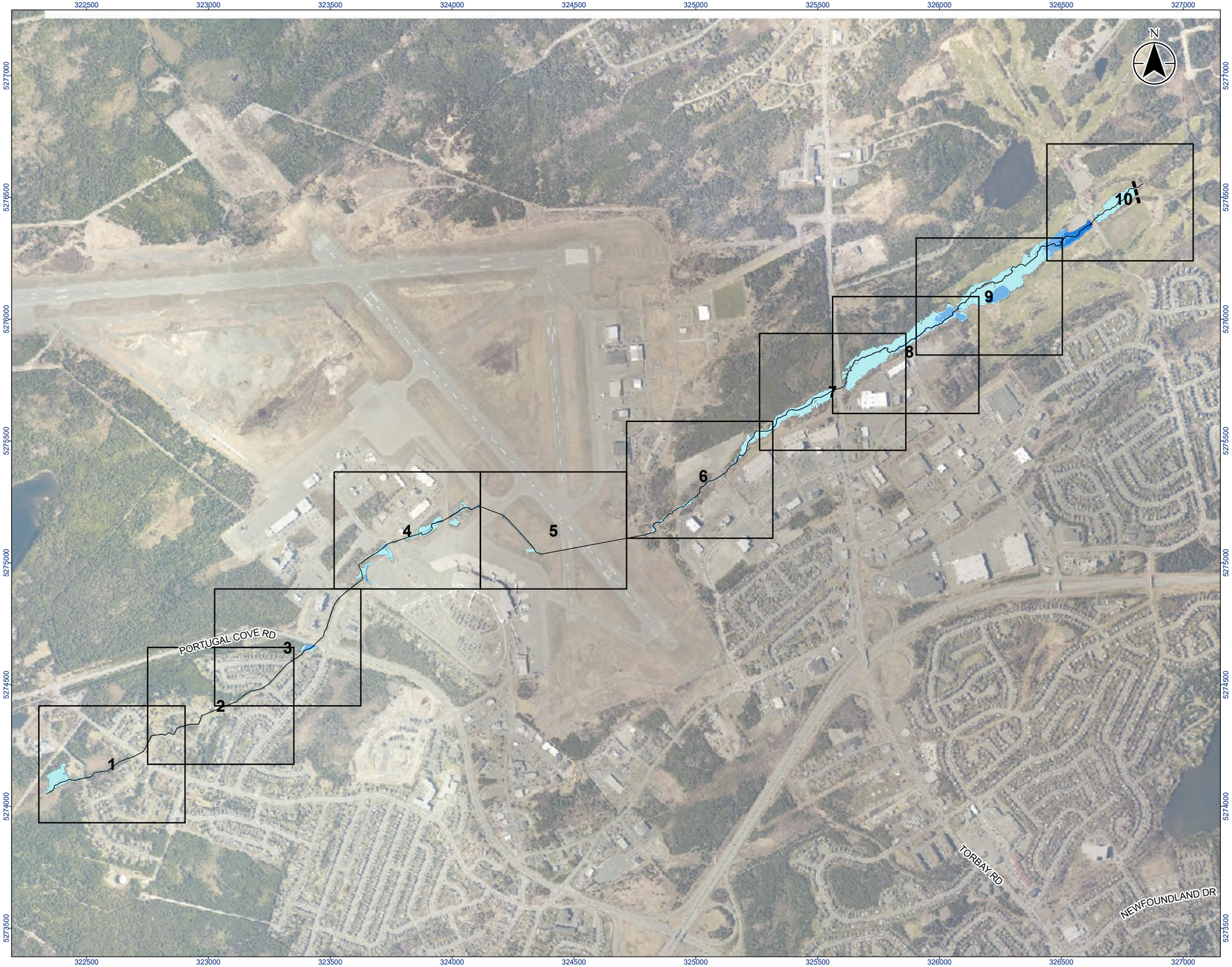
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
18-6

Title
Current Climate Condition
20-Year Inundation - Mundy Pond Brook
Sheet 6 of 6

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 310 620 m

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Project Location
City of St. John's

163401903_REVA
Prepared by jacwalker on 2024-12-20

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-0

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Overview Map

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Stantec

Legend

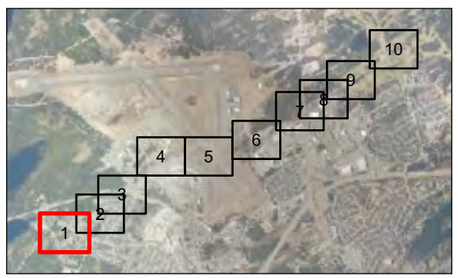
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-1

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 1 of 10

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Stantec

Legend

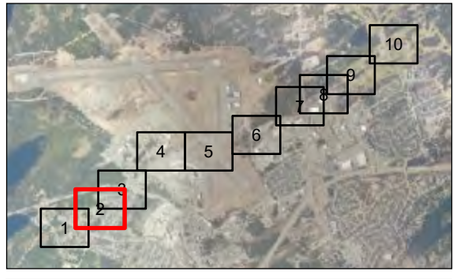
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- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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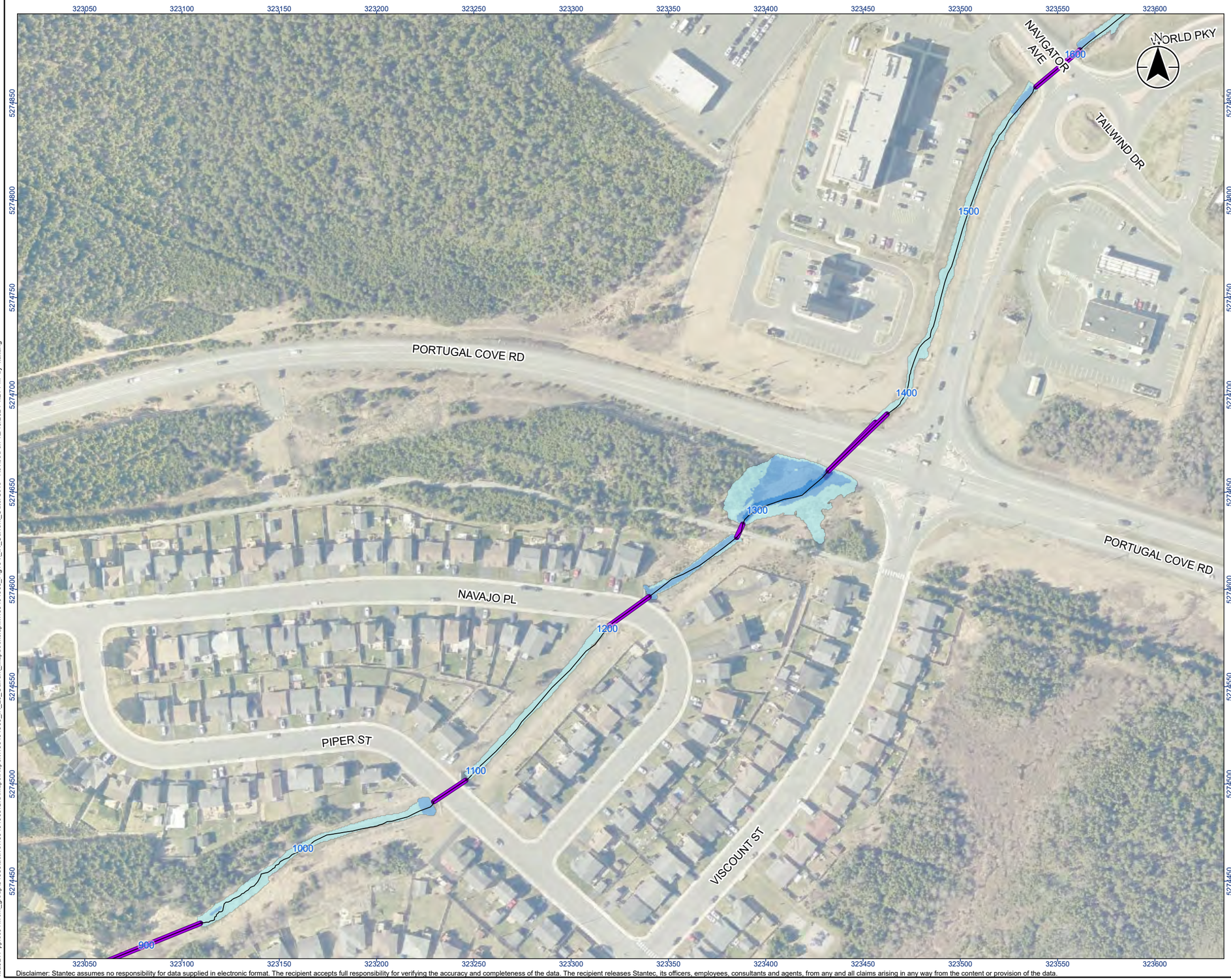
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-2

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 2 of 10

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Stantec

Legend

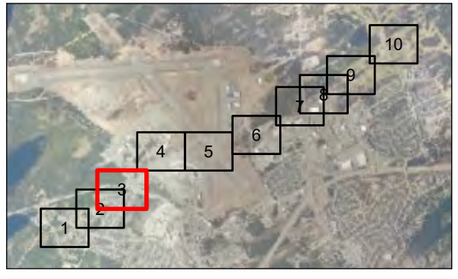
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-3

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 3 of 10

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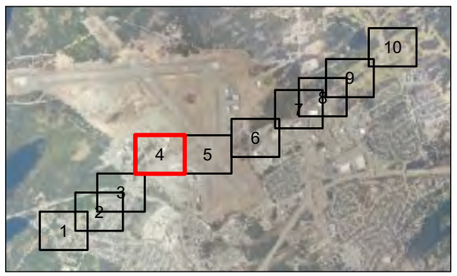
Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes
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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

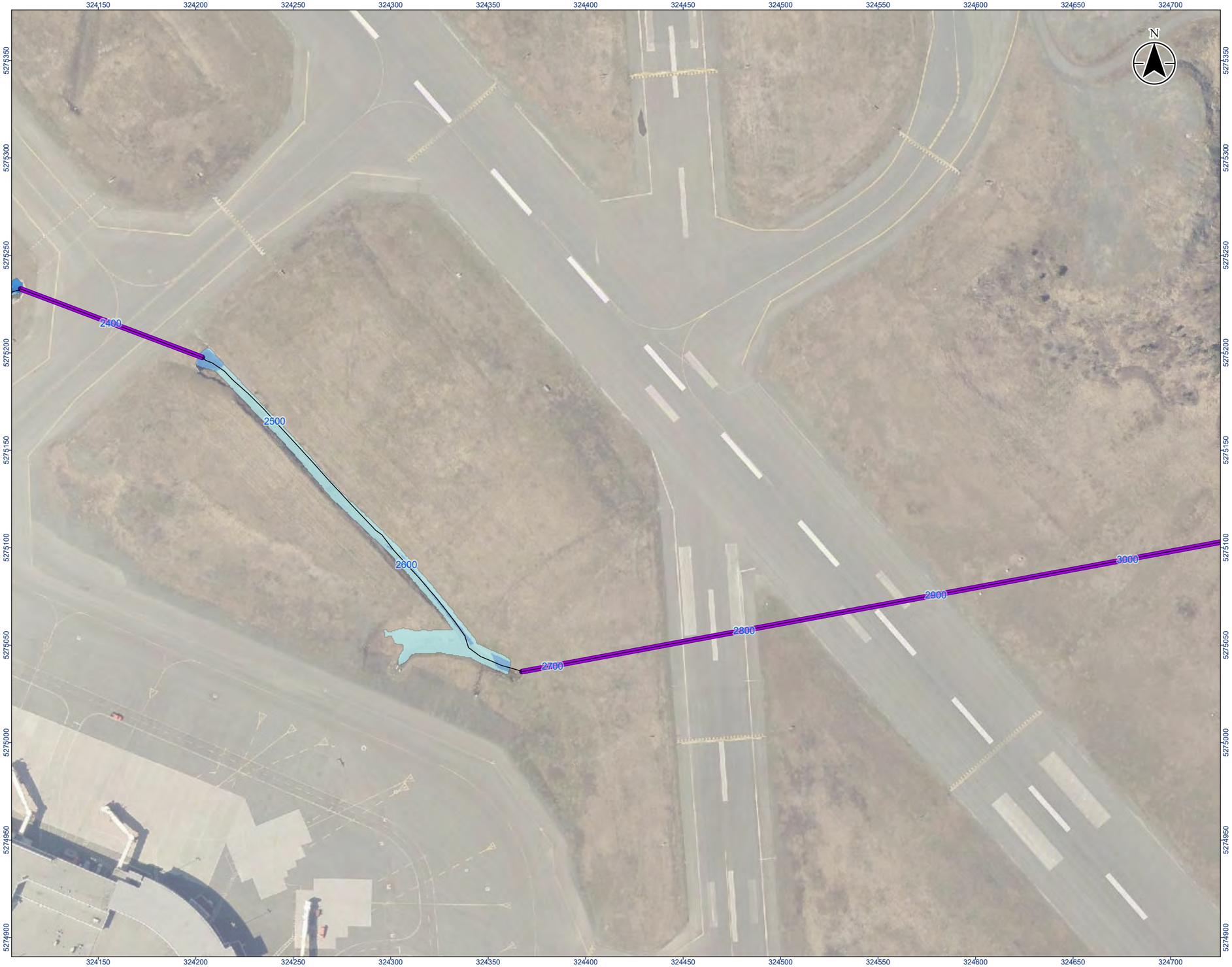
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-4

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 4 of 10

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Legend

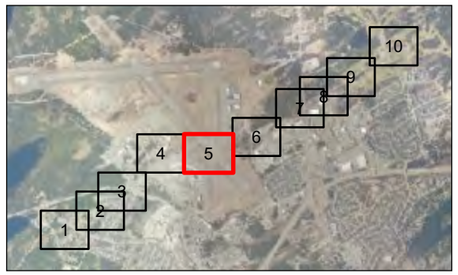
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-5

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

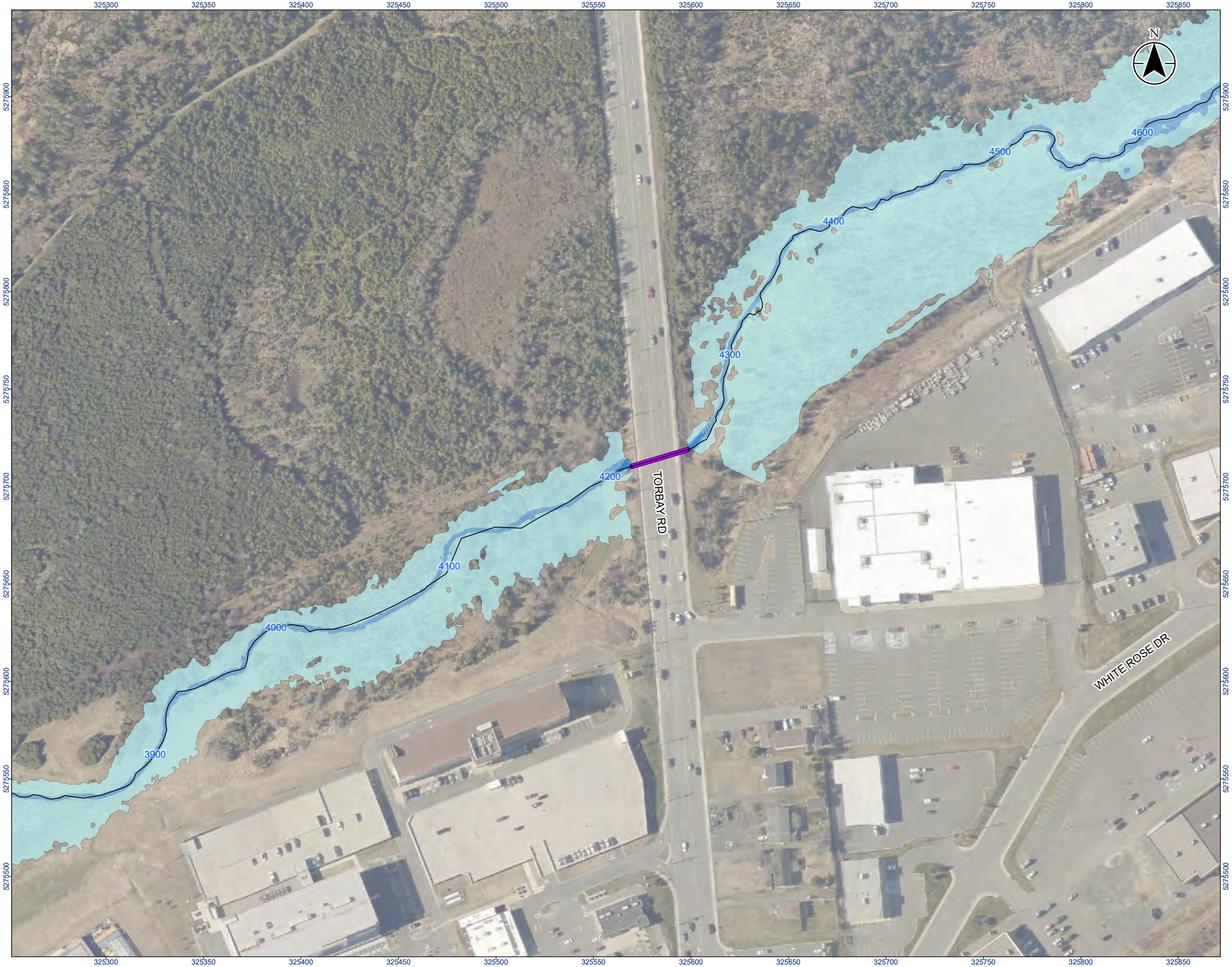
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-6

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 6 of 10

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Stantec

Legend

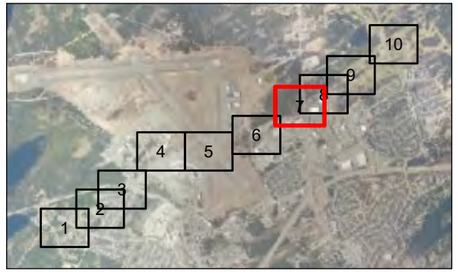
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

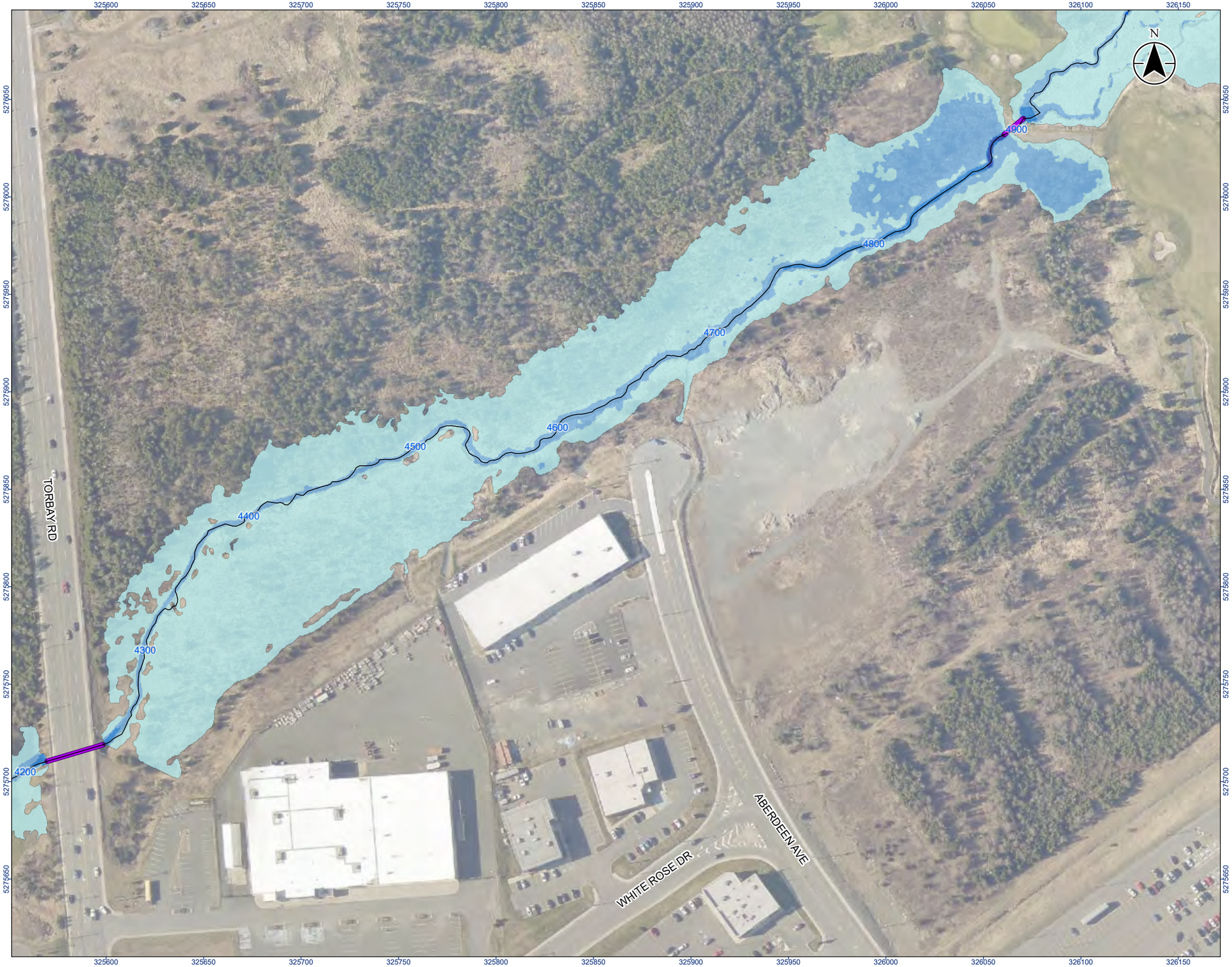
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-7

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 7 of 10

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Legend

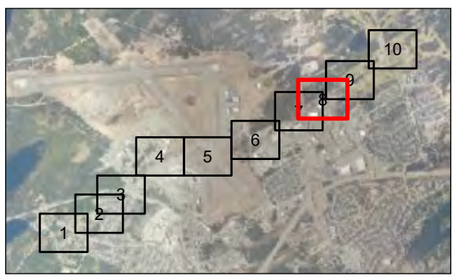
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

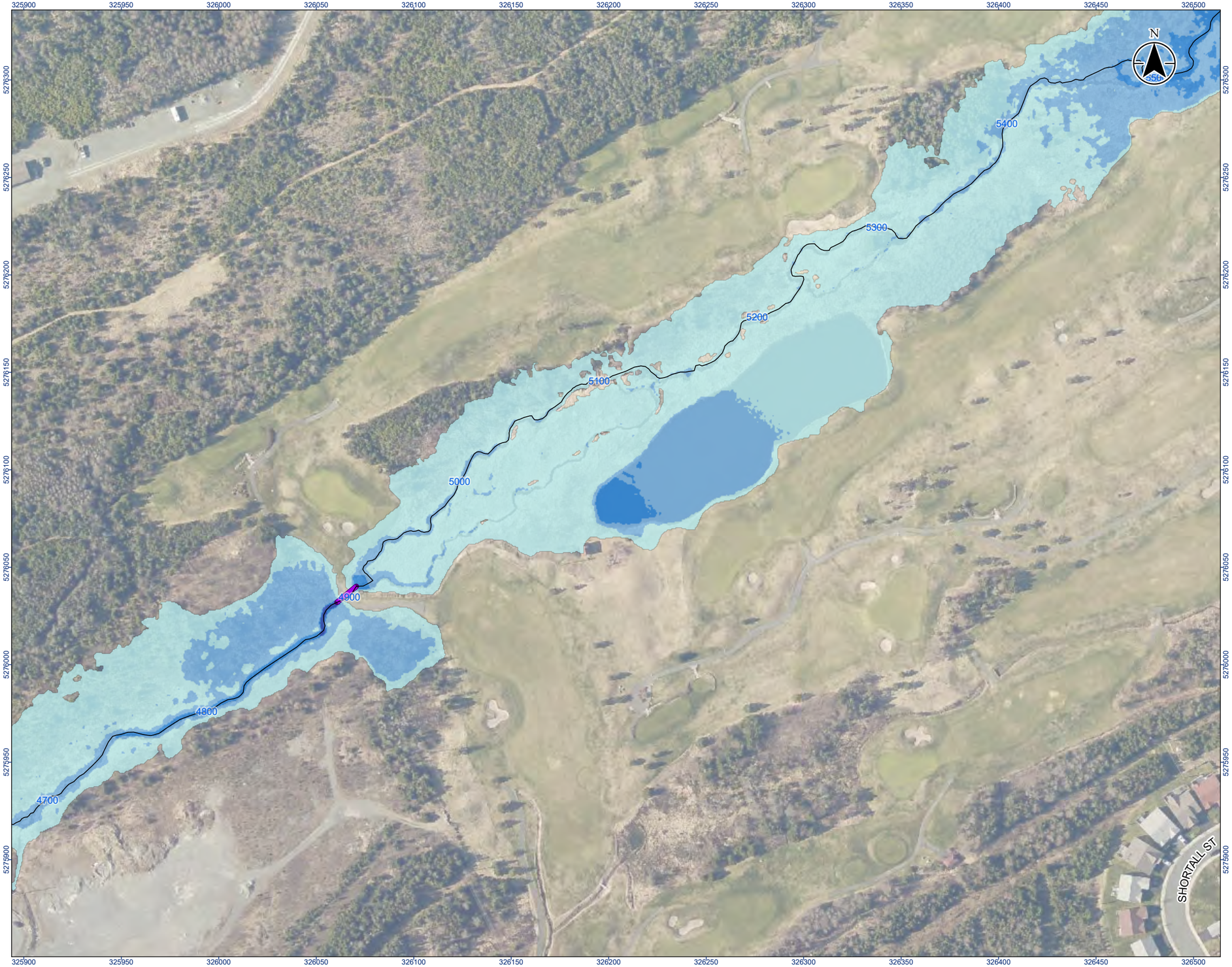
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-8

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 8 of 10

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Legend

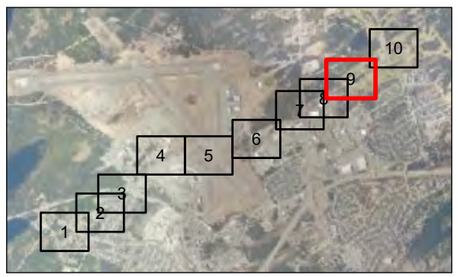
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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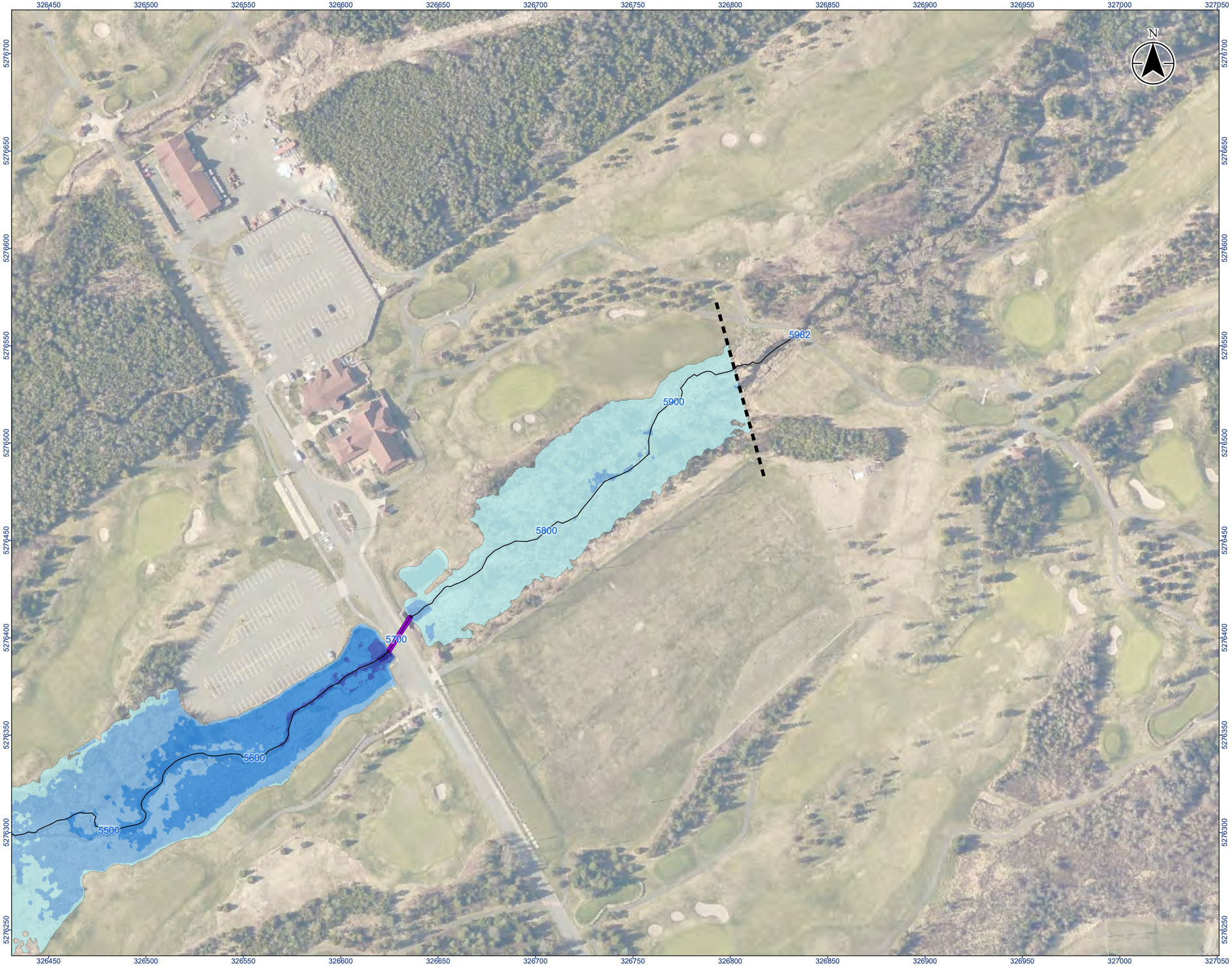
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-9

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 9 of 10

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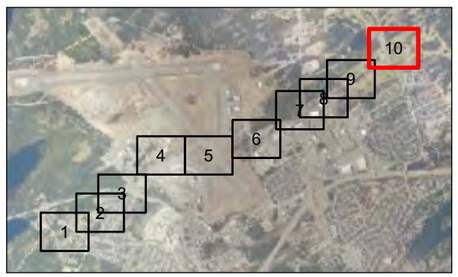
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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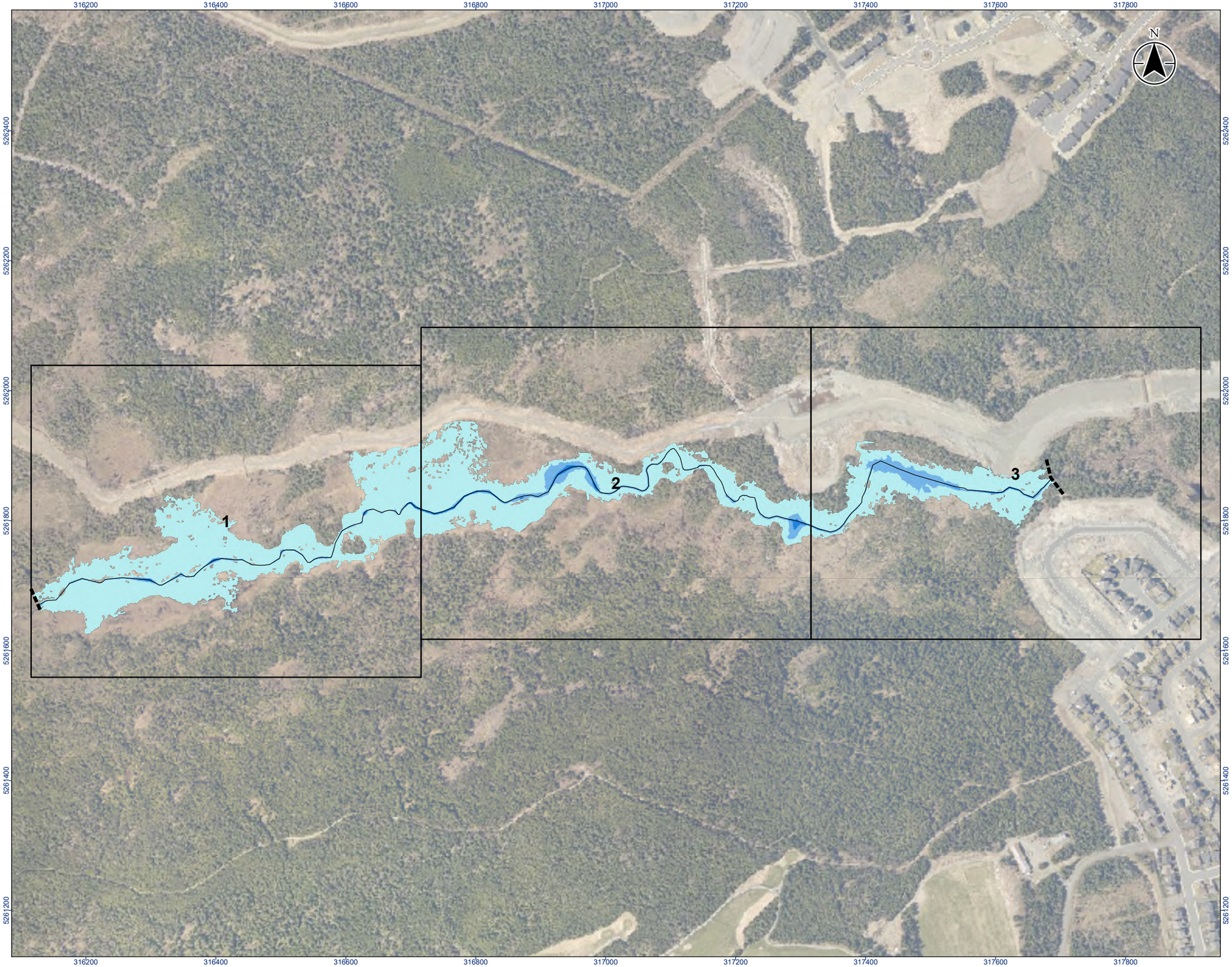
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
19-10

Title
Current Climate Condition
20-Year Inundation - Outer Cove Brook
Sheet 10 of 10

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 110 220 m

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Project Location
City of St. John's

163401903_REVA
Prepared by kaitang on 2025-04-01

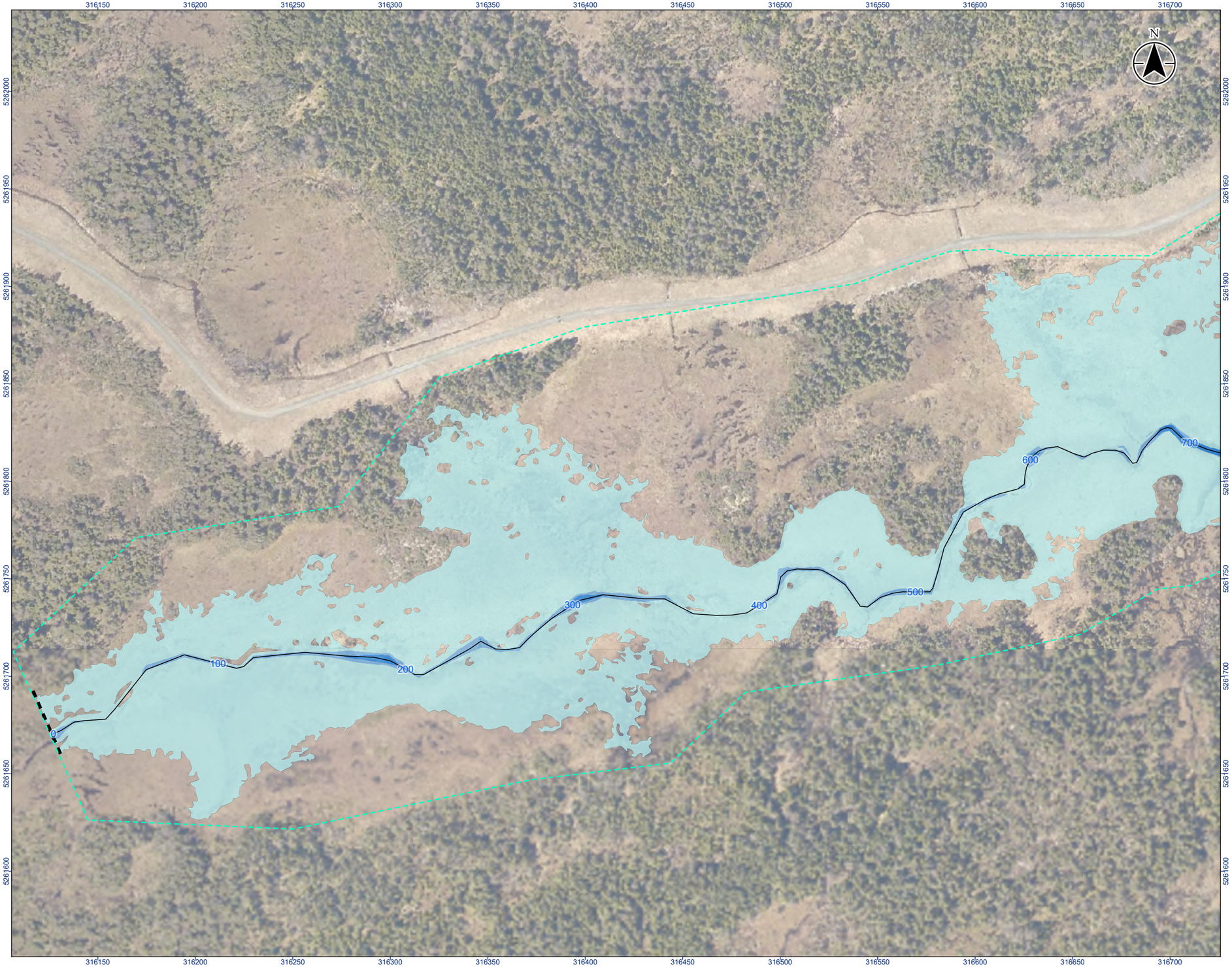
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
20-0

Title
Current Climate Condition 20-Year Inundation - South Brook Overview Map

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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Prepared by kaitang on 2025-04-01

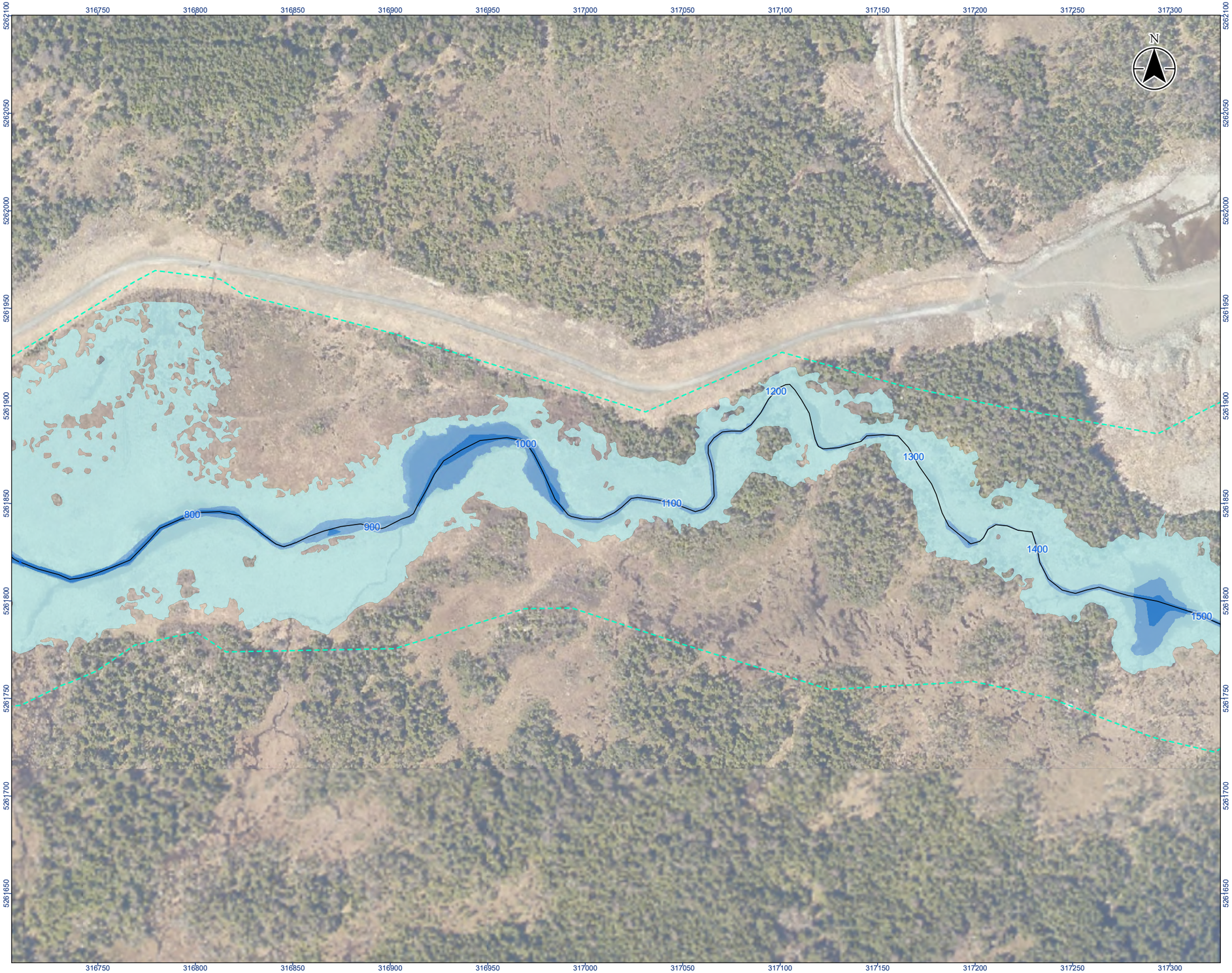
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
20-1

Title
Current Climate Condition
20-Year Inundation - South Brook
Sheet 1 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

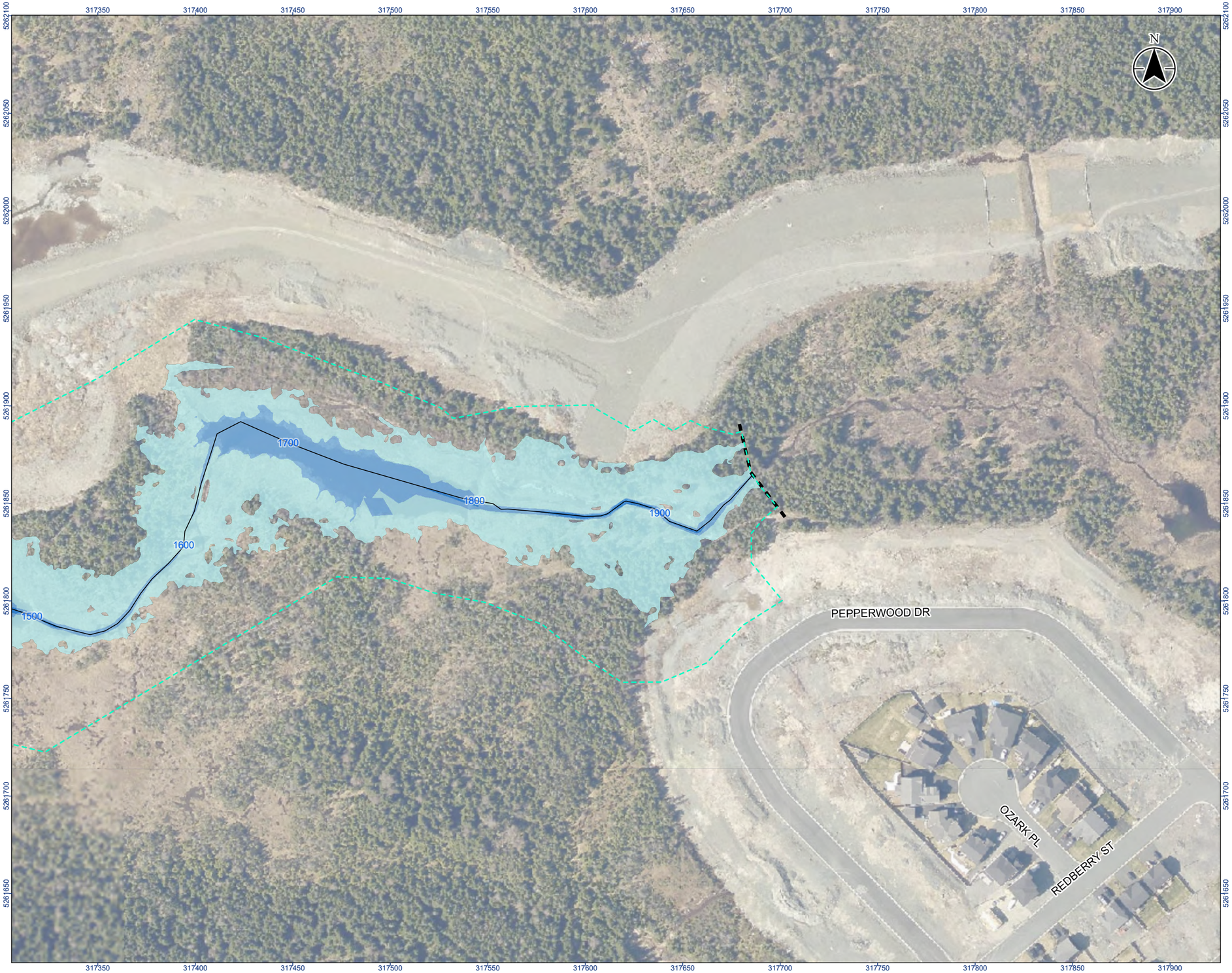
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
20-2

Title
Current Climate Condition
20-Year Inundation - South Brook
Sheet 2 of 3

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Stantec

Legend

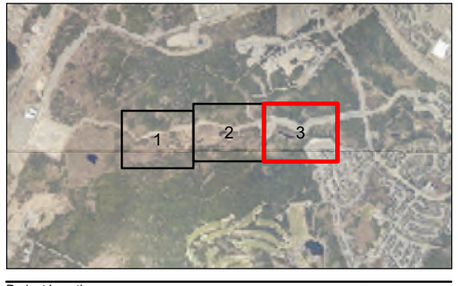
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

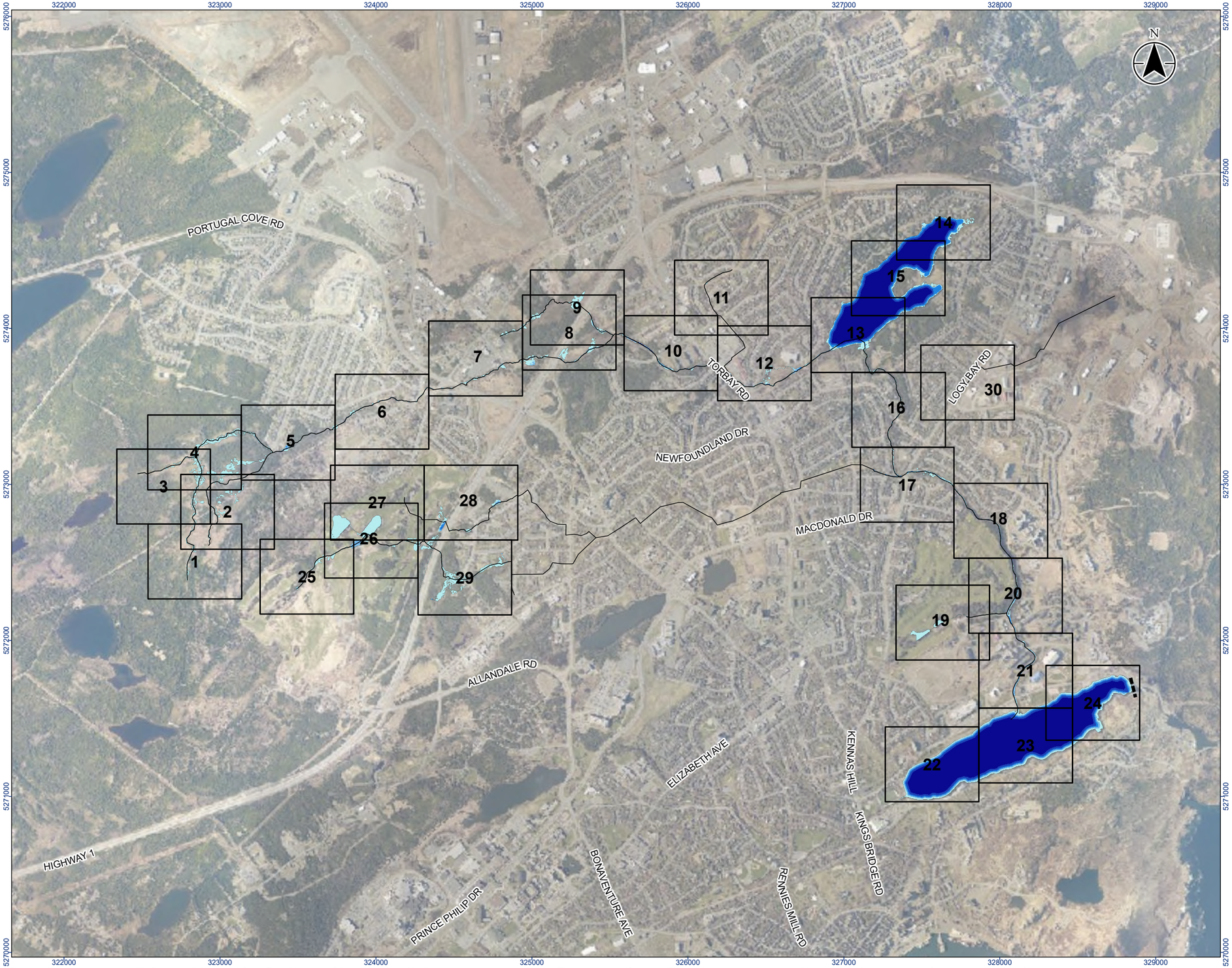
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
20-3

Title
Current Climate Condition
20-Year Inundation - South Brook
Sheet 3 of 3

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 490 980 m

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-20

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-0

Title
Current Climate Condition
20-Year Inundation - Virginia River
Overview Map

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Legend

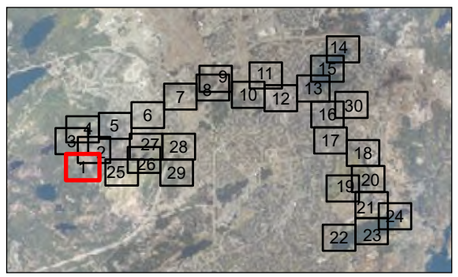
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

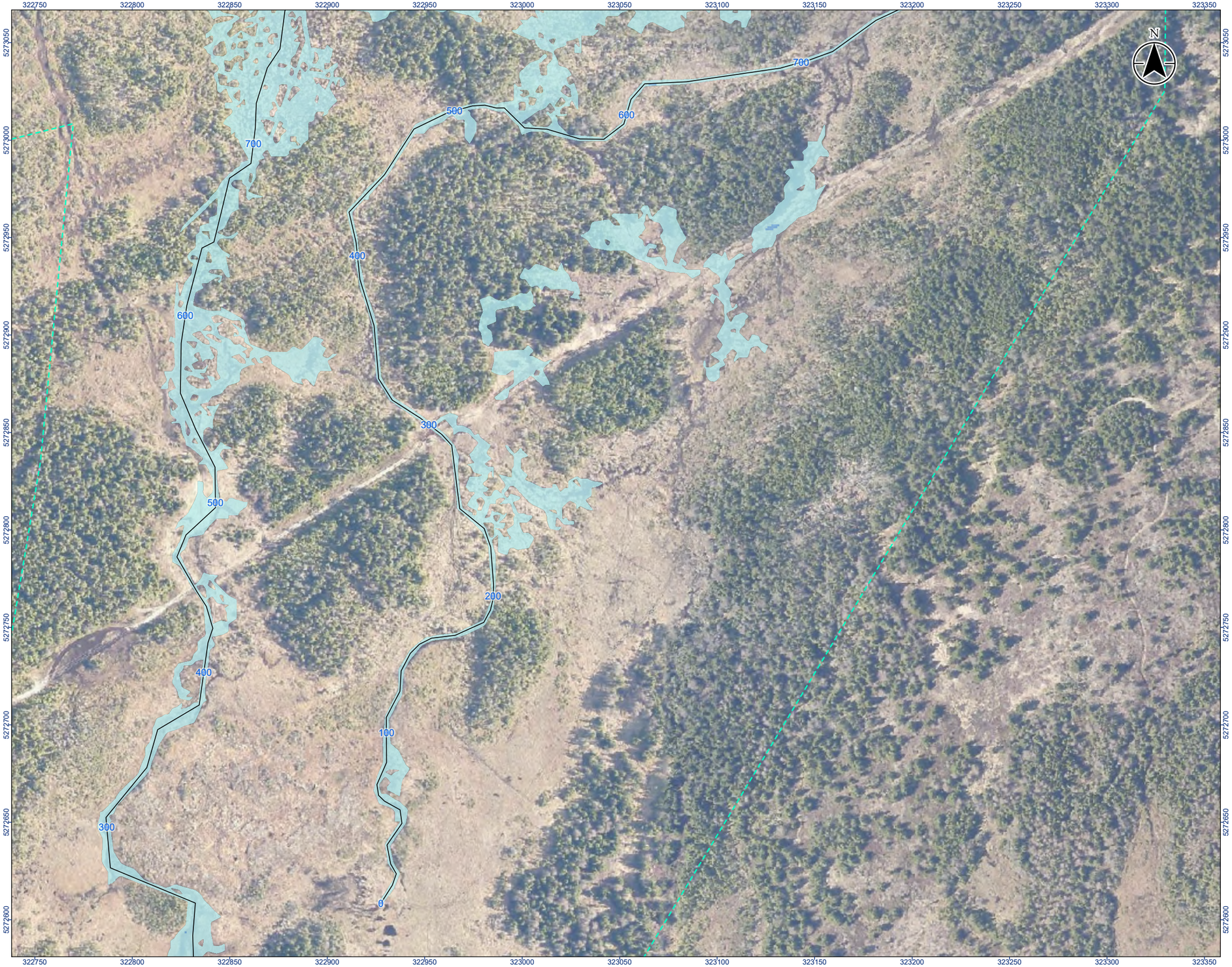
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-1

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 1 of 30

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Legend

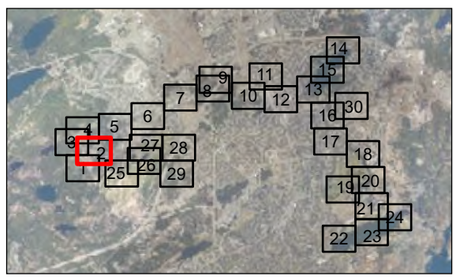
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

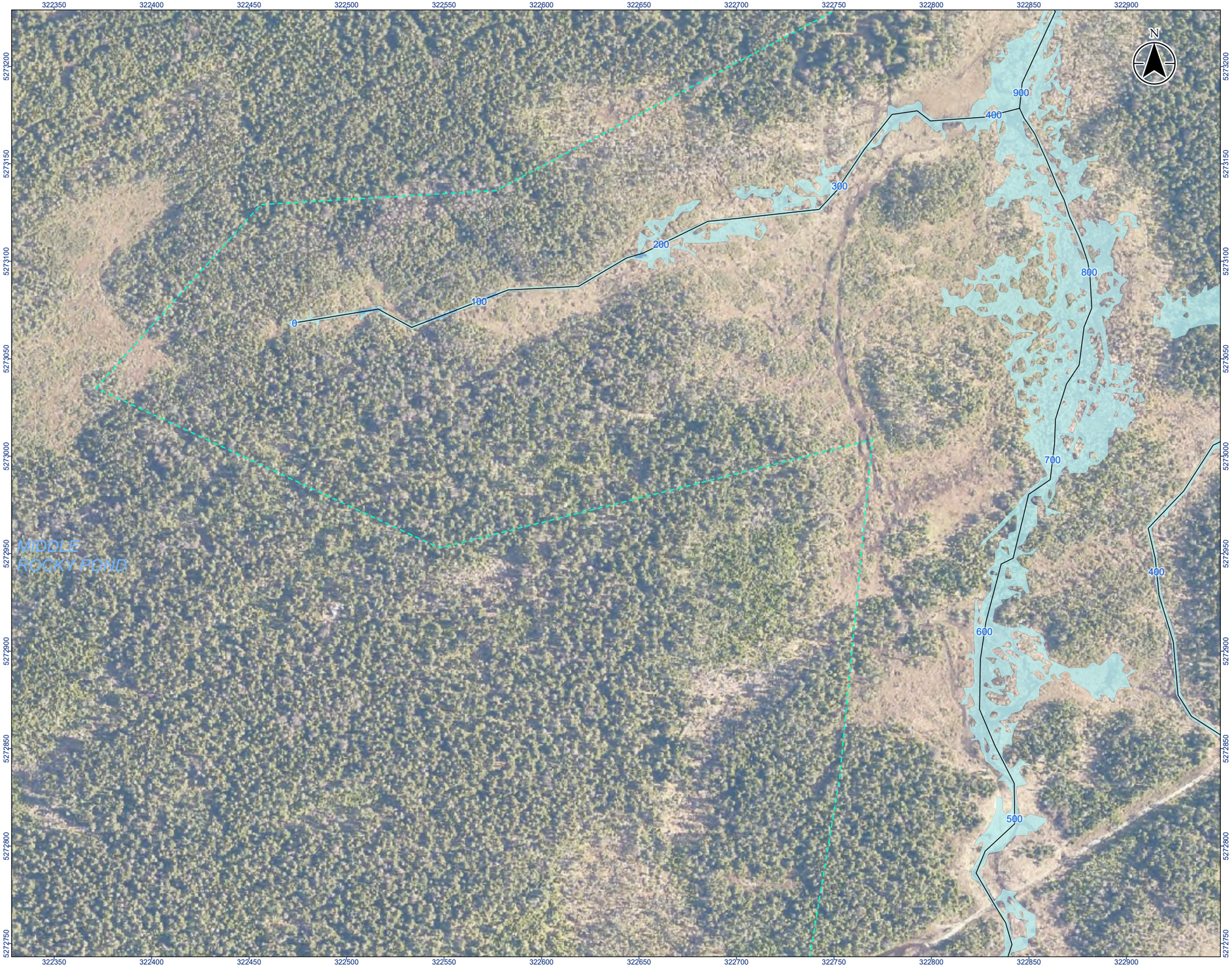
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-2

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 2 of 30

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Stantec

Legend

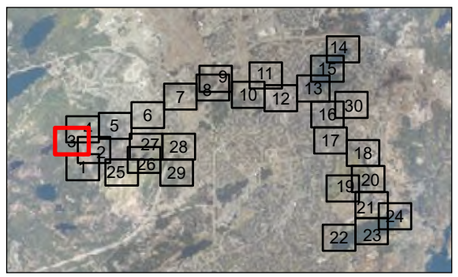
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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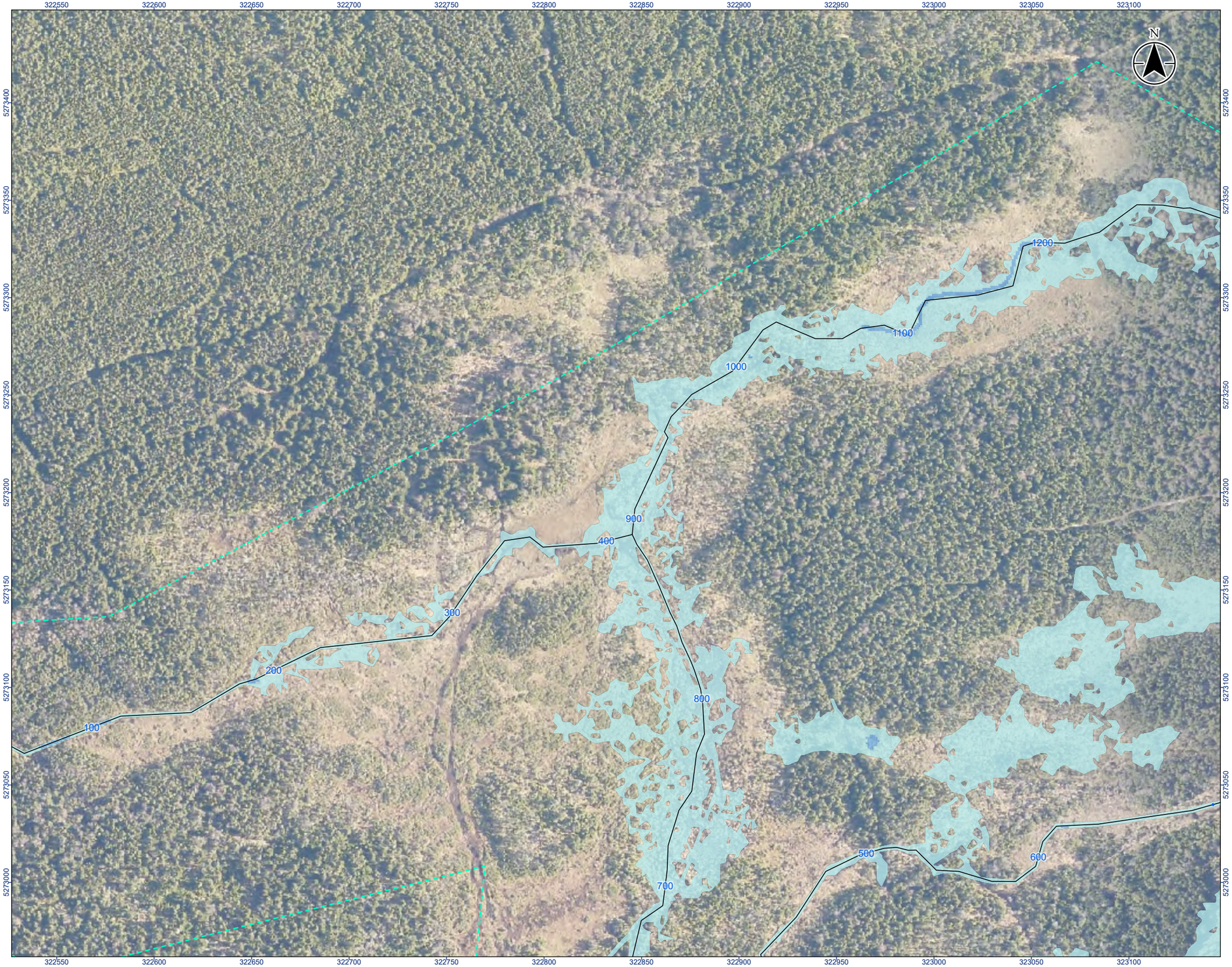
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-3

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 3 of 30

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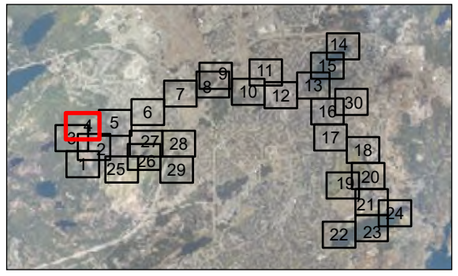
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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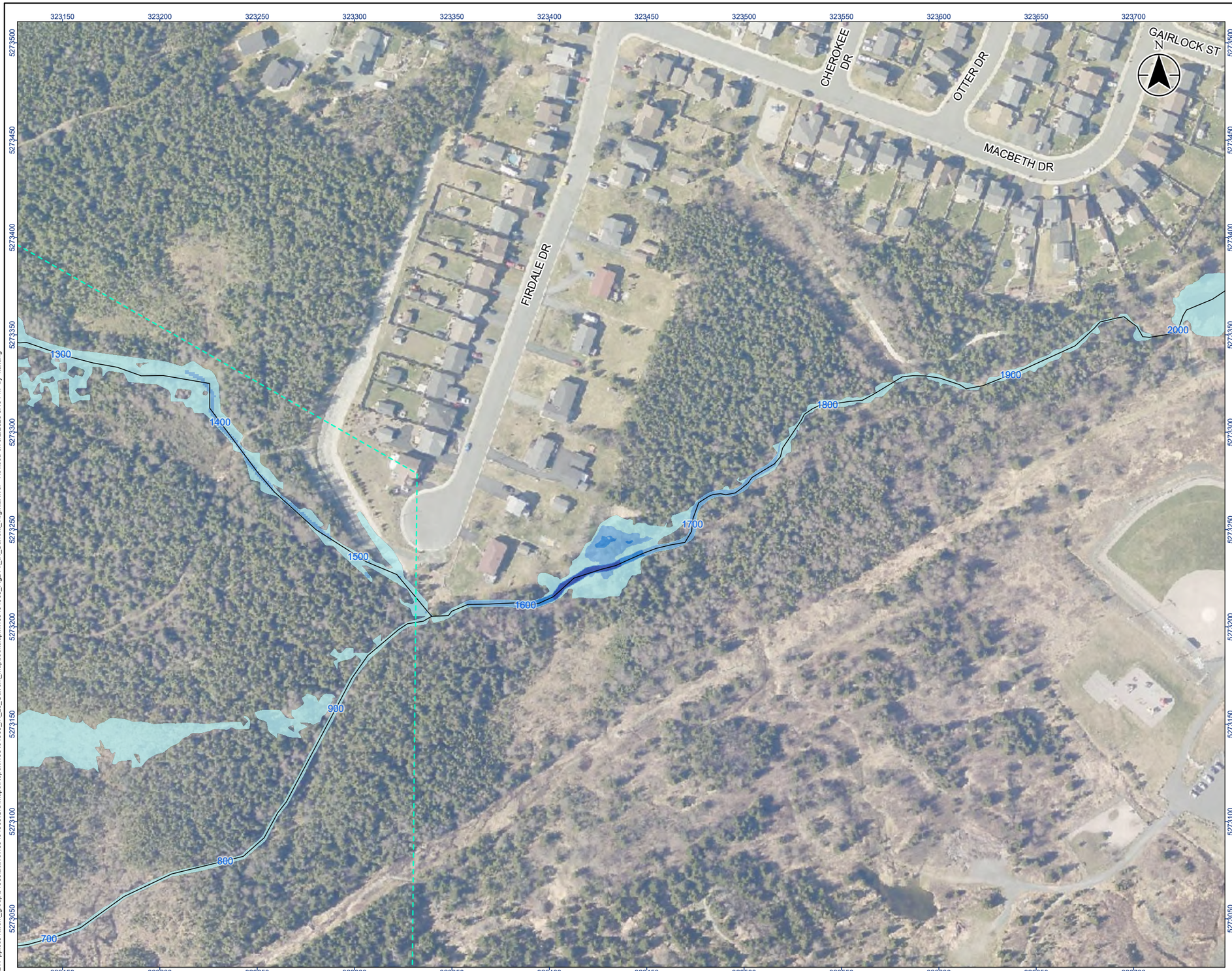
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-4

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 4 of 30

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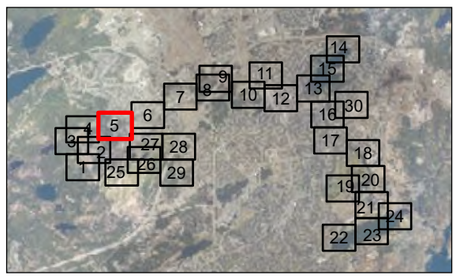
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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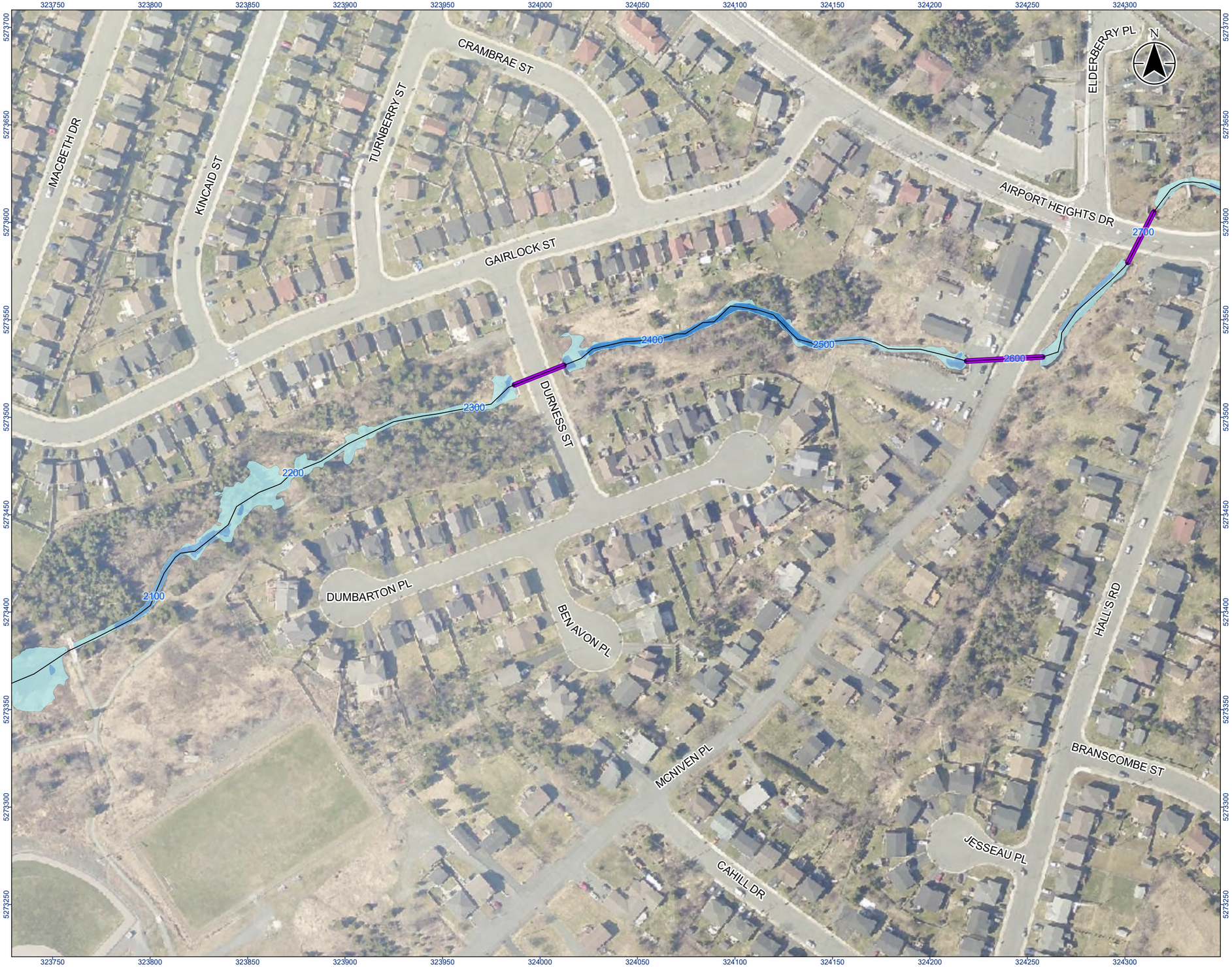
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-5

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 5 of 30

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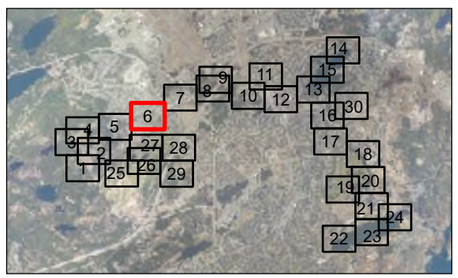
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- Modelled Culvert
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-6

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 6 of 30

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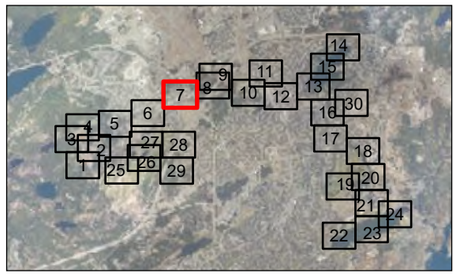
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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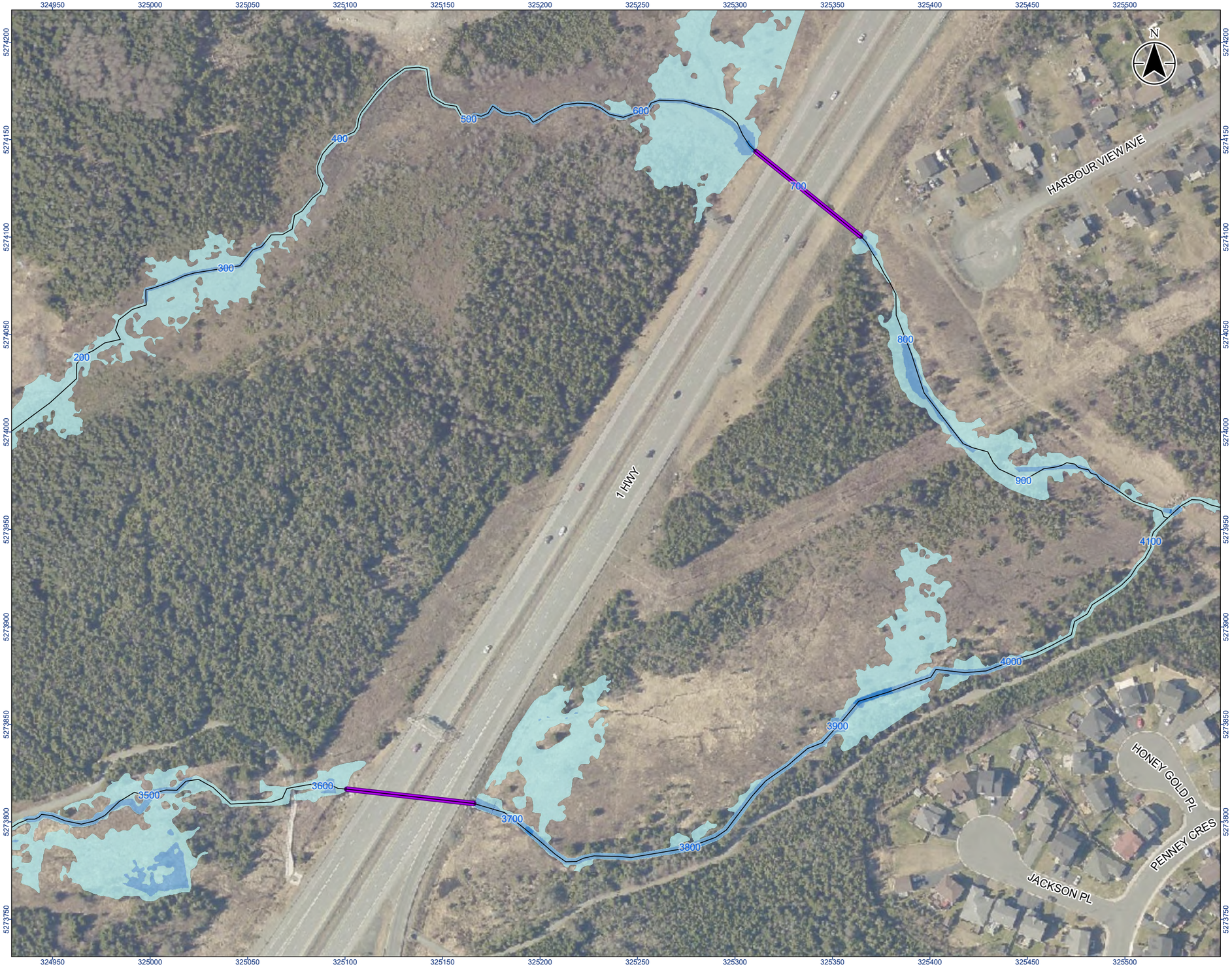
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-7

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 7 of 30

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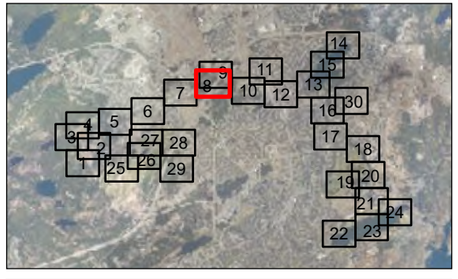
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-8

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 8 of 30

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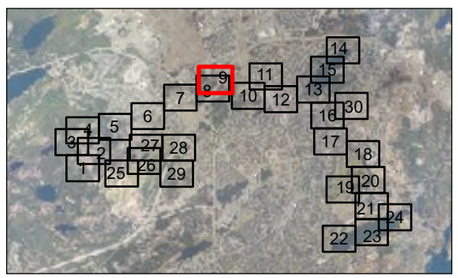
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-9

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 9 of 30

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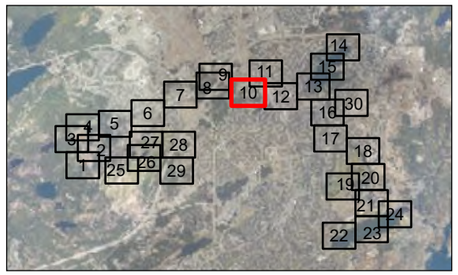
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- Modelled Culvert
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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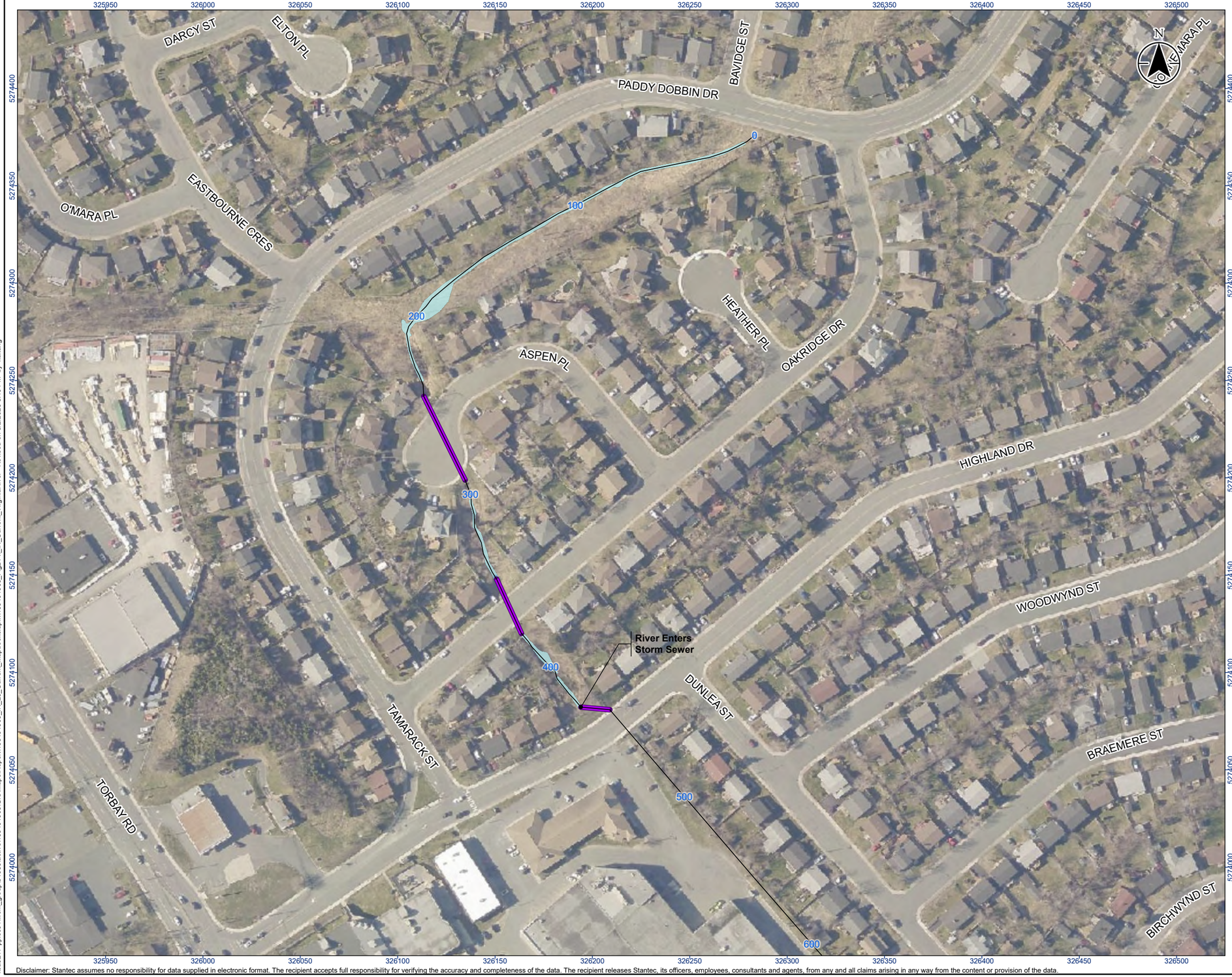
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-10

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 10 of 30

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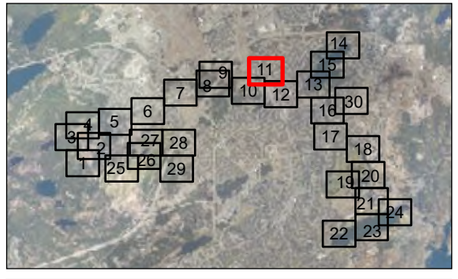
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- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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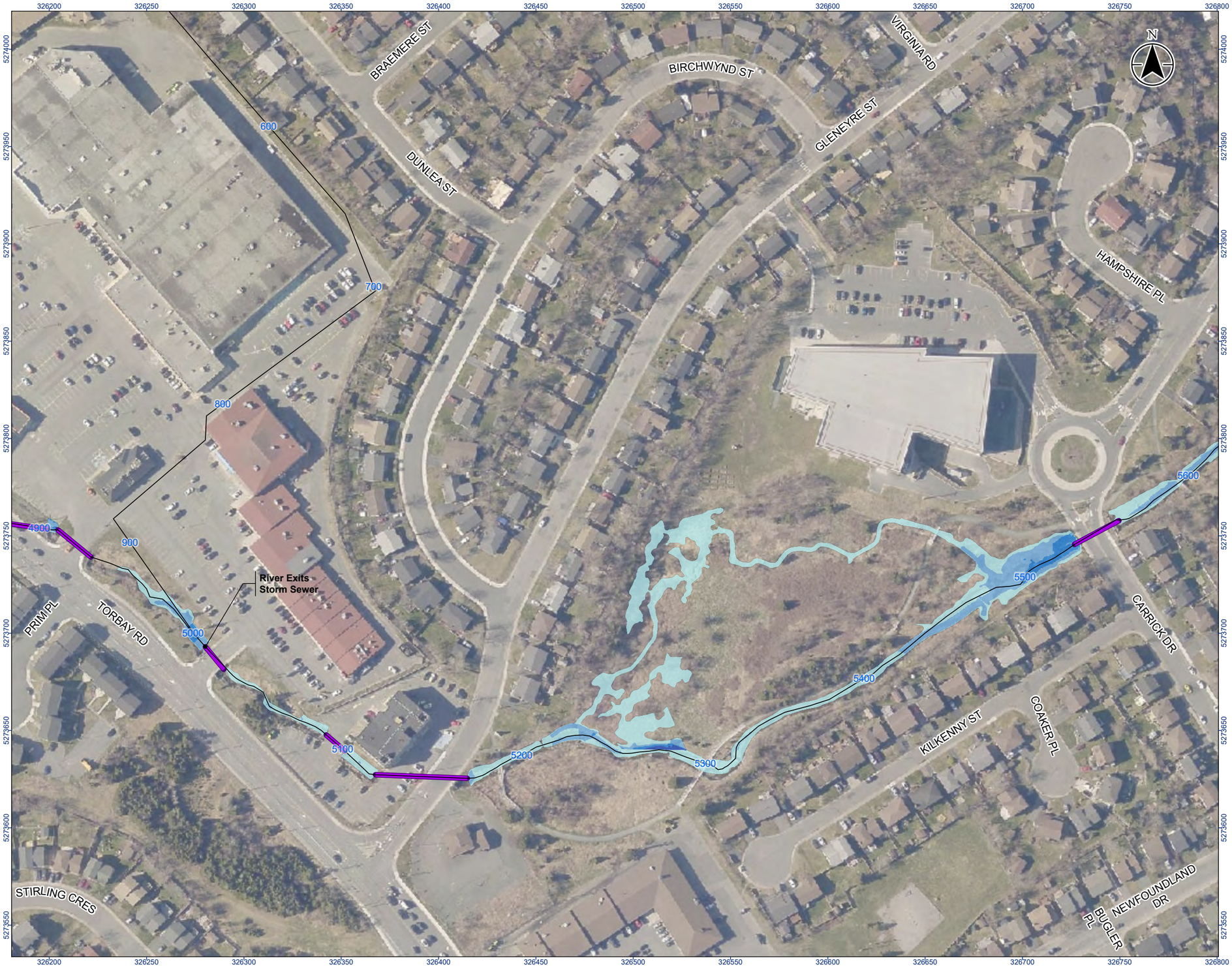
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-11

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 11 of 30

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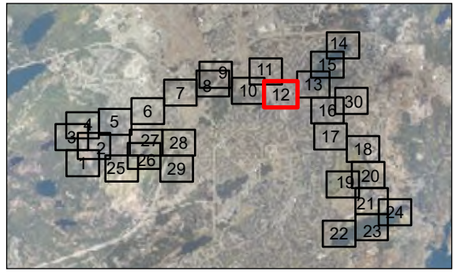
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-12

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 12 of 30

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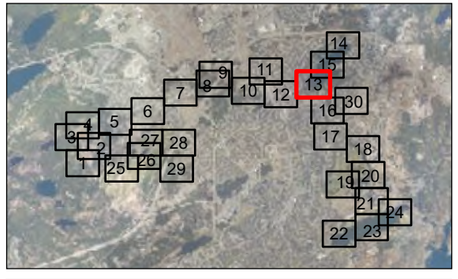
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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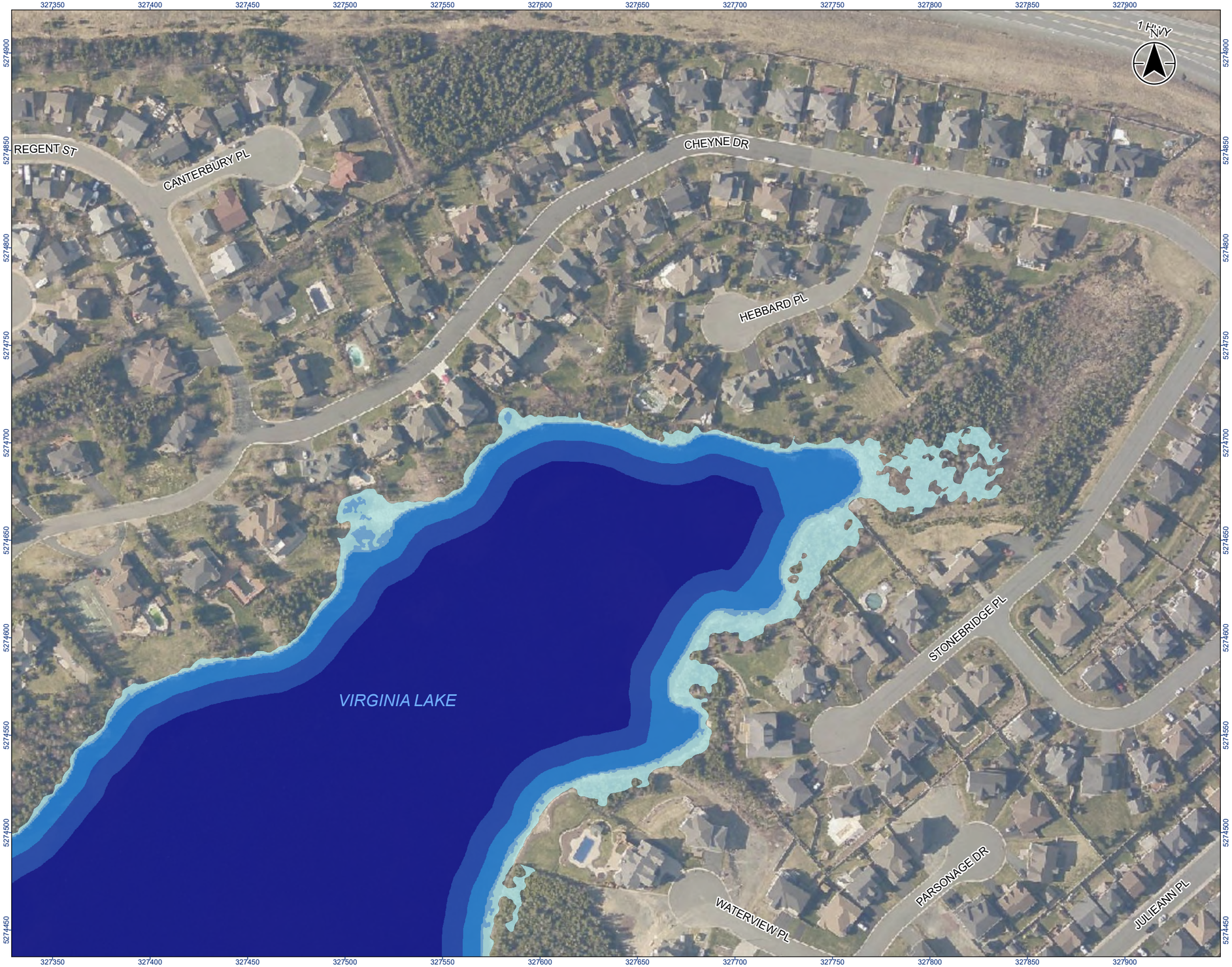
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-13

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 13 of 30

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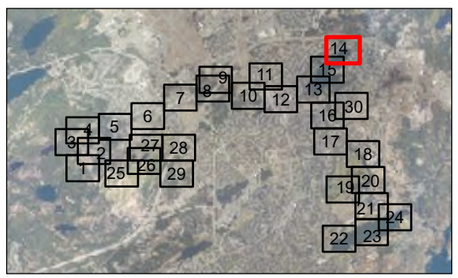
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0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-14

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 14 of 30

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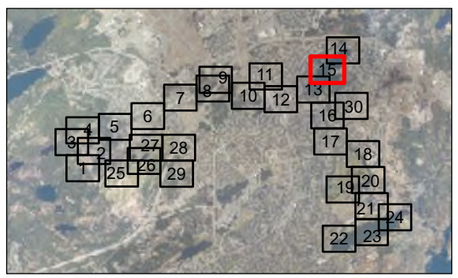
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-15

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 15 of 30

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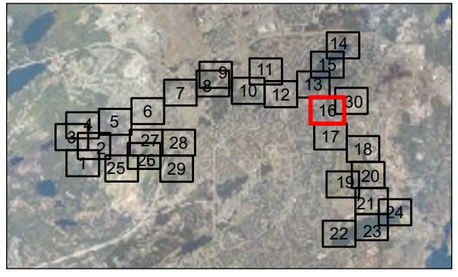
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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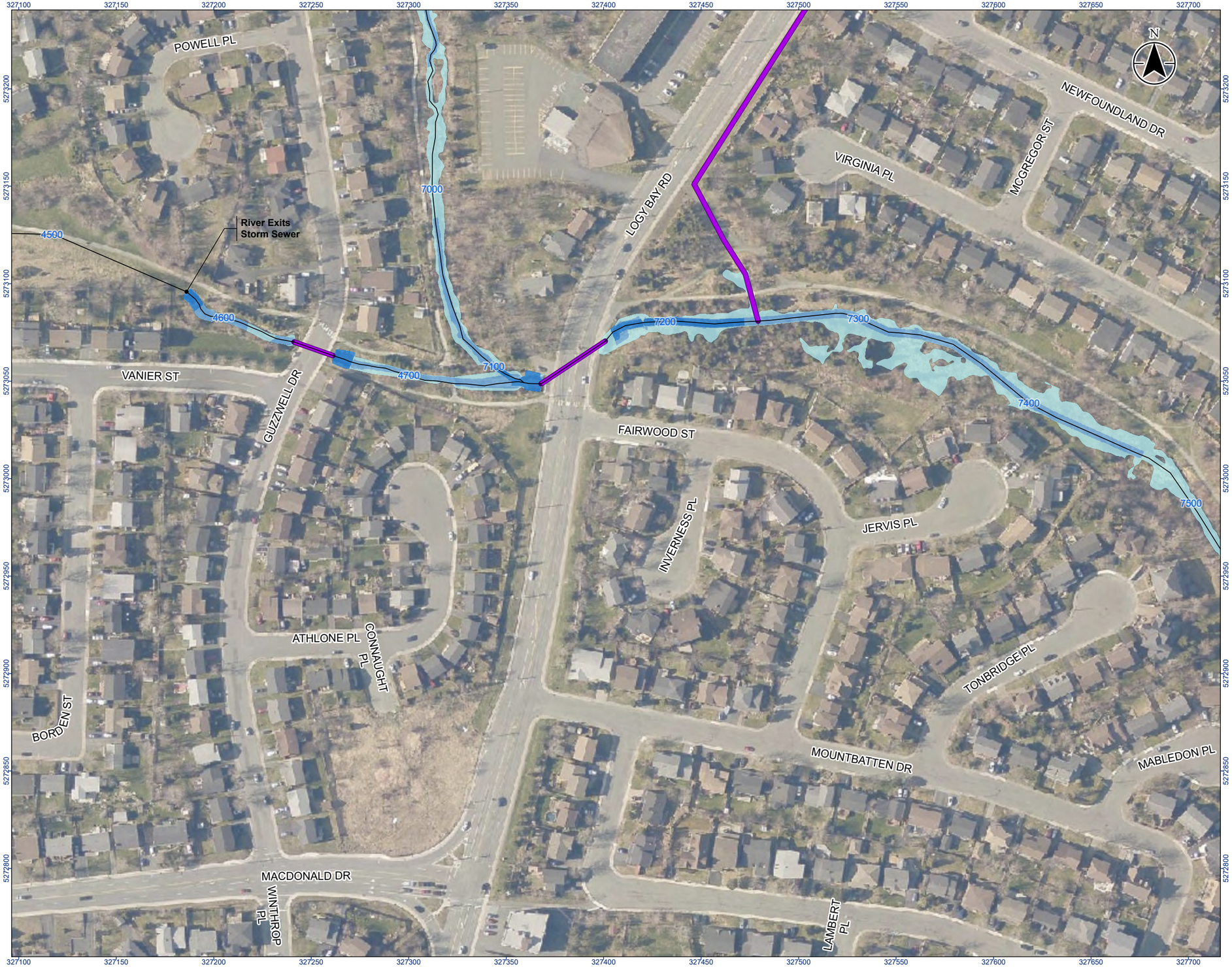
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-16

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 16 of 30

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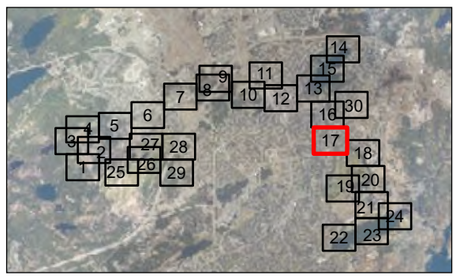
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-17

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 17 of 30

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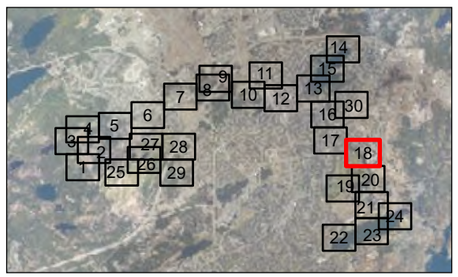
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-18

Title
Current Climate Condition
20-Year Inundation - Virginia River
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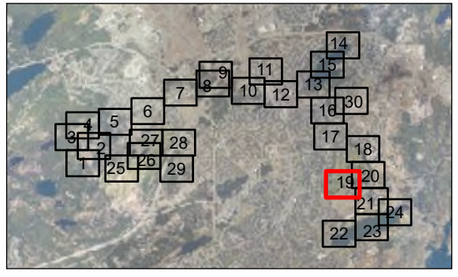
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-19

Title
Current Climate Condition
20-Year Inundation - Virginia River
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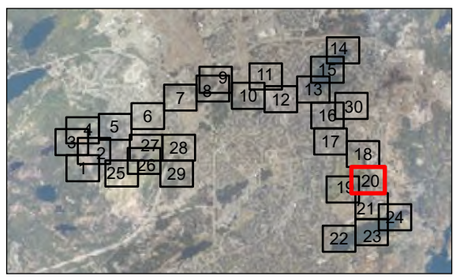
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-20

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 20 of 30

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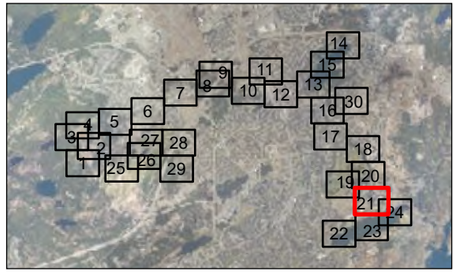
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-21

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 21 of 30

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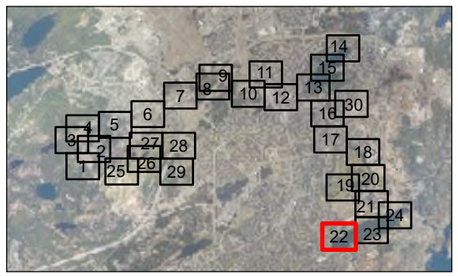
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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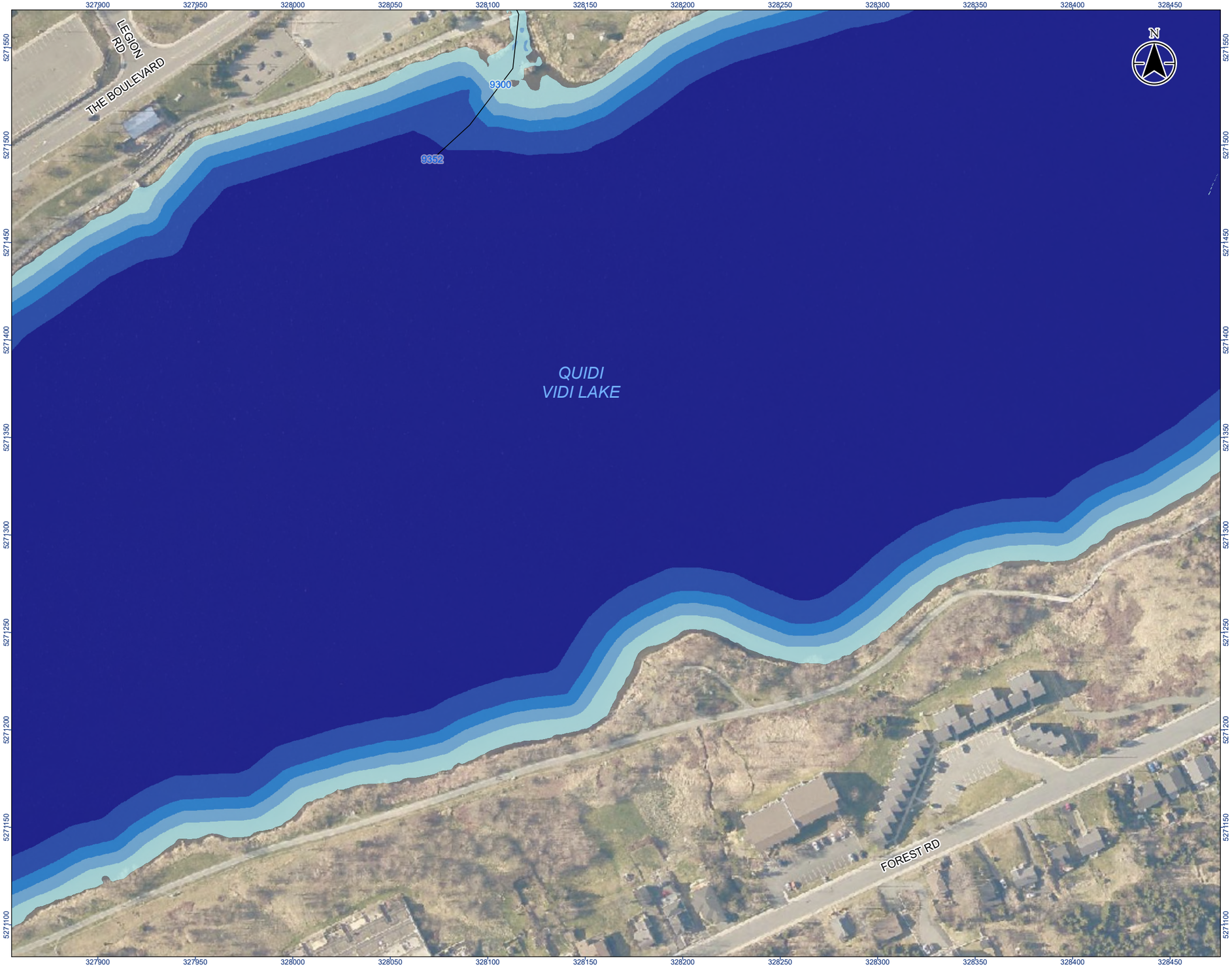
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-22

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 22 of 30

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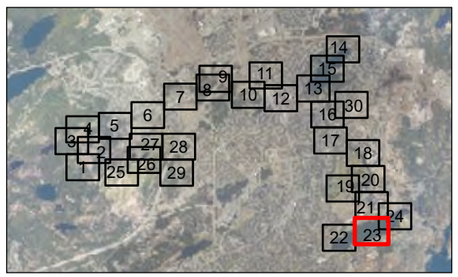
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0 20 40 m

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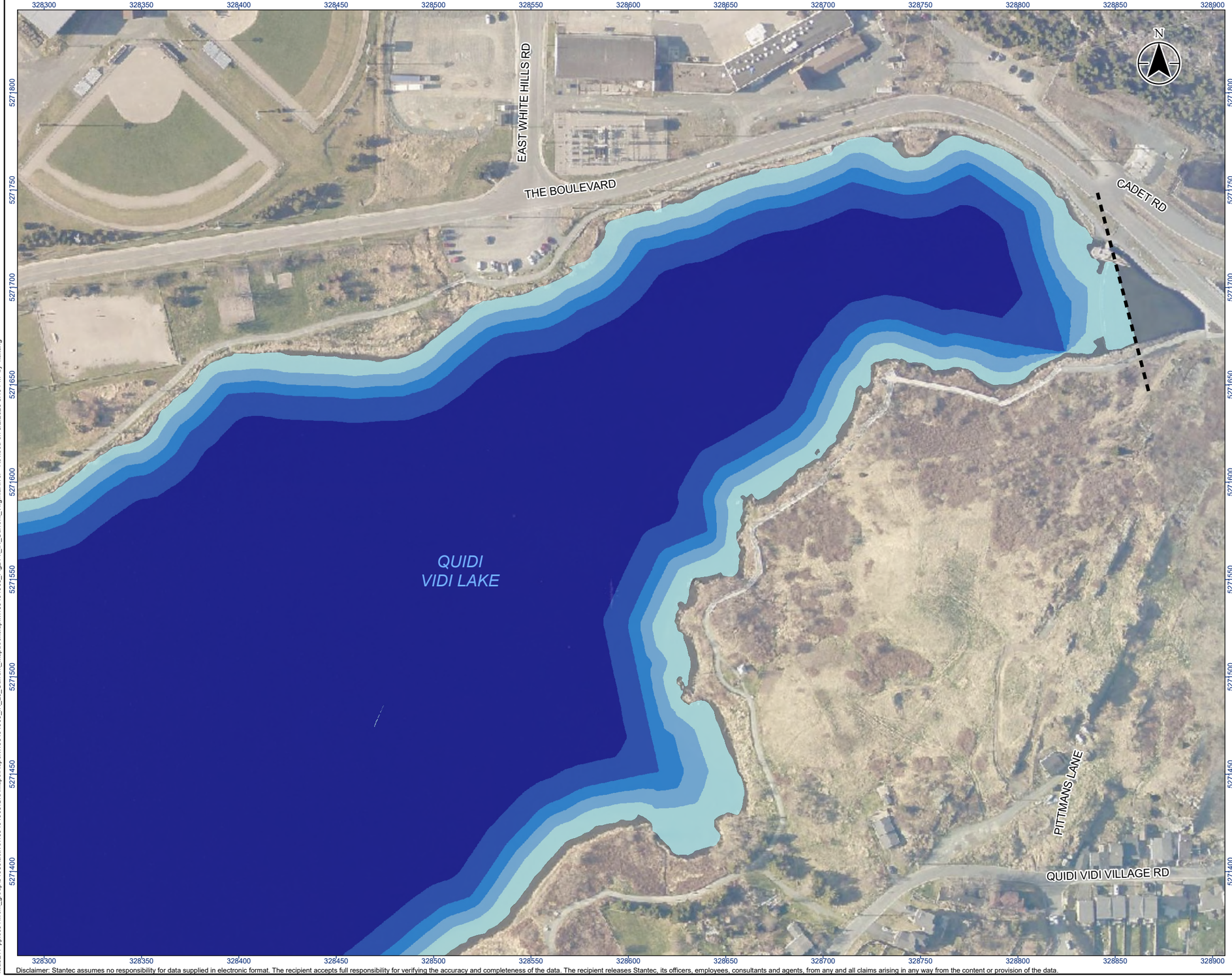
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-23

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 23 of 30

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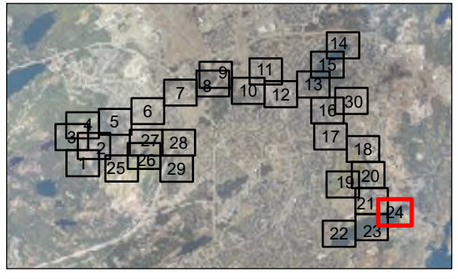
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-24

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 24 of 30

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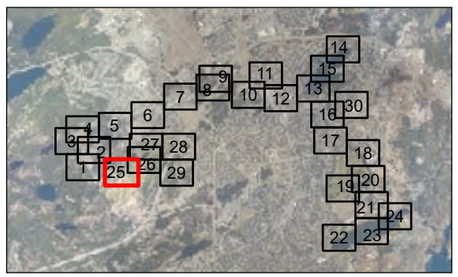
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0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-25

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 25 of 30

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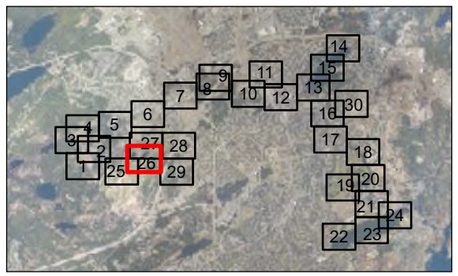
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-26

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 26 of 30

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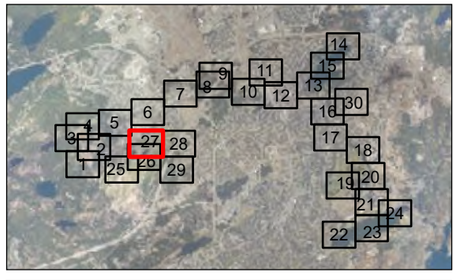
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- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
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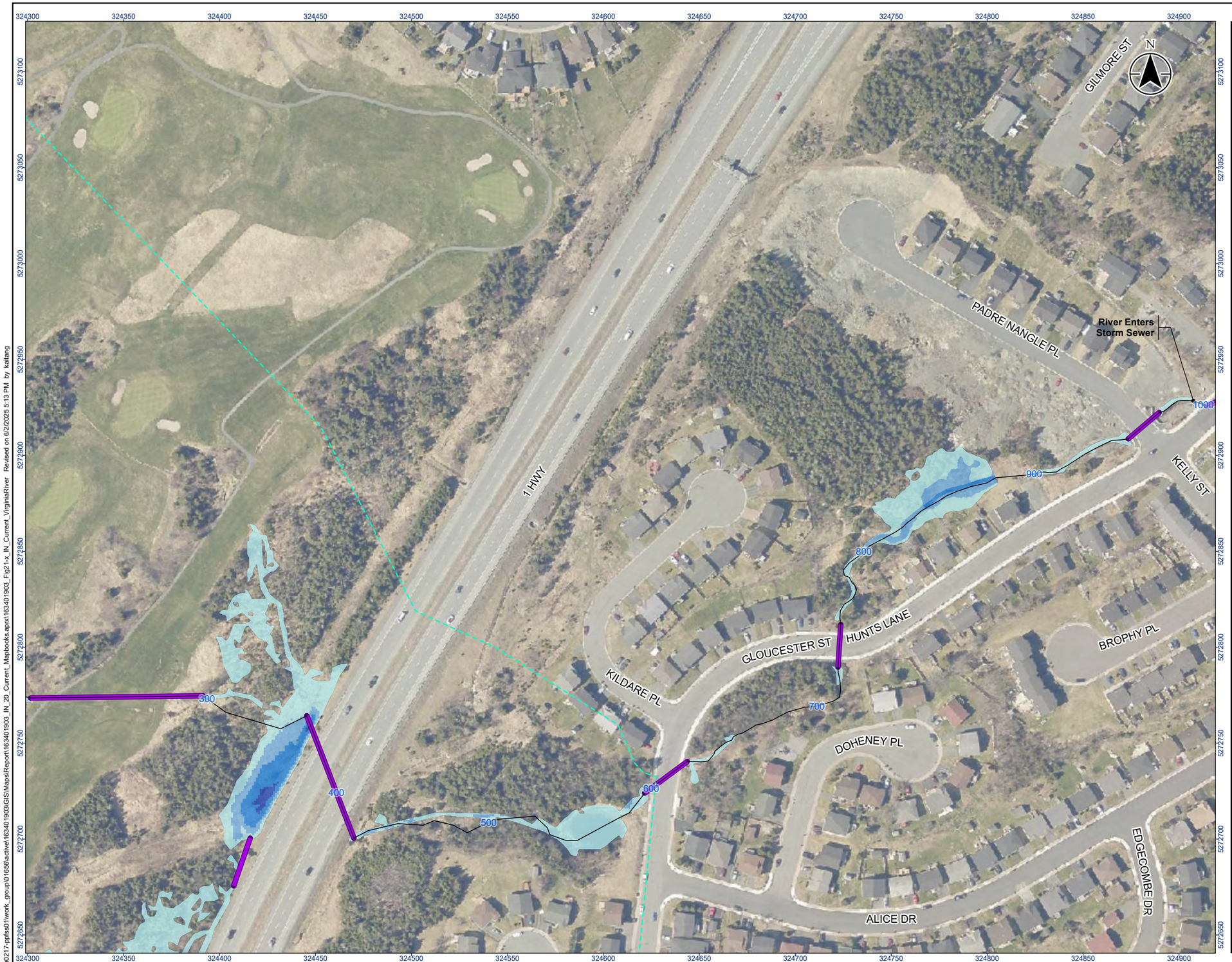
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-27

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 27 of 30

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Legend

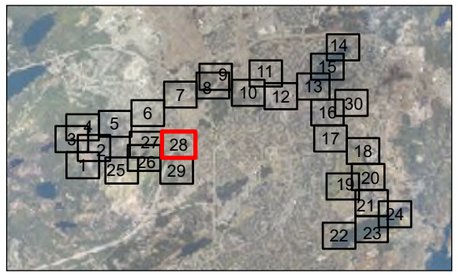
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-28

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 28 of 30

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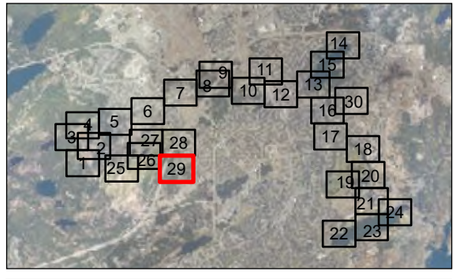
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-29

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 29 of 30

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Legend

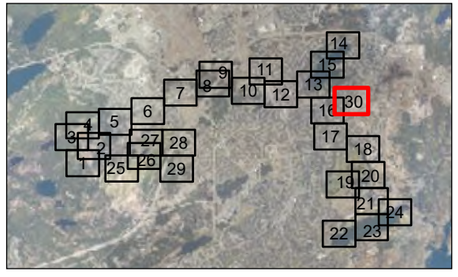
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
21-30

Title
Current Climate Condition
20-Year Inundation - Virginia River
Sheet 30 of 30

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Prepared by kaitang on 2024-12-19

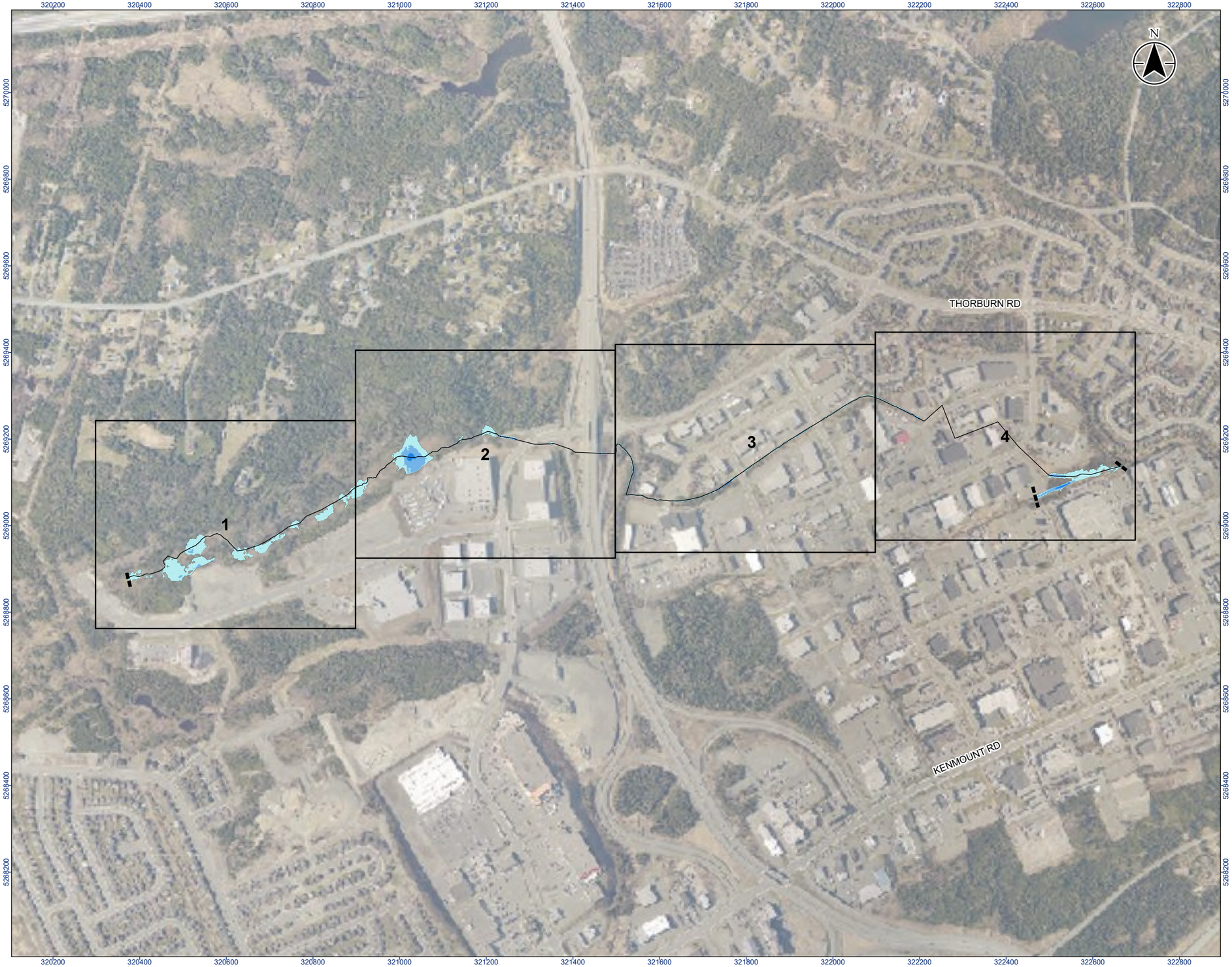
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
22-0

Title
Current Climate Condition
20-Year Inundation - Barrow Road Stream

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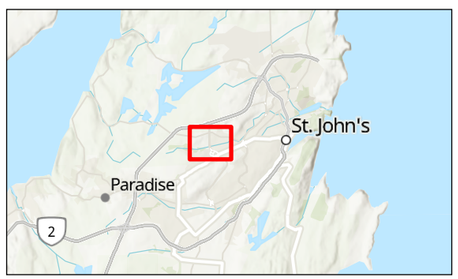
- River/Creek Centreline
- Limit of Mapping
- Map Extents
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- 100 Year Depth - 0.5 - 1.0 m
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 175 350 m

1:9,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
23-0

Title
Current Climate Condition
100-Year Inundation - Holes In Marsh Brook
Overview Map

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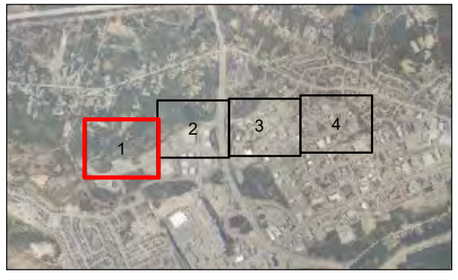
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- Modelled Culvert
- Limit of Mapping
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- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
23-1

Title
Current Climate Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 1 of 4

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Legend

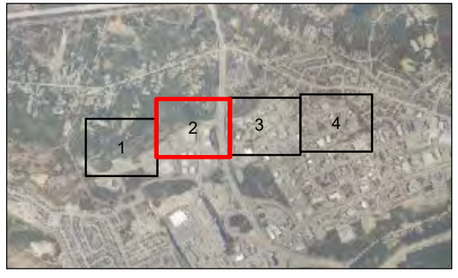
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
23-2

Title
Current Climate Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 2 of 4

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Legend

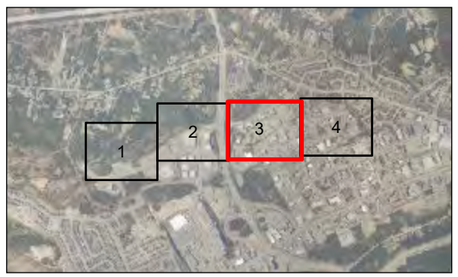
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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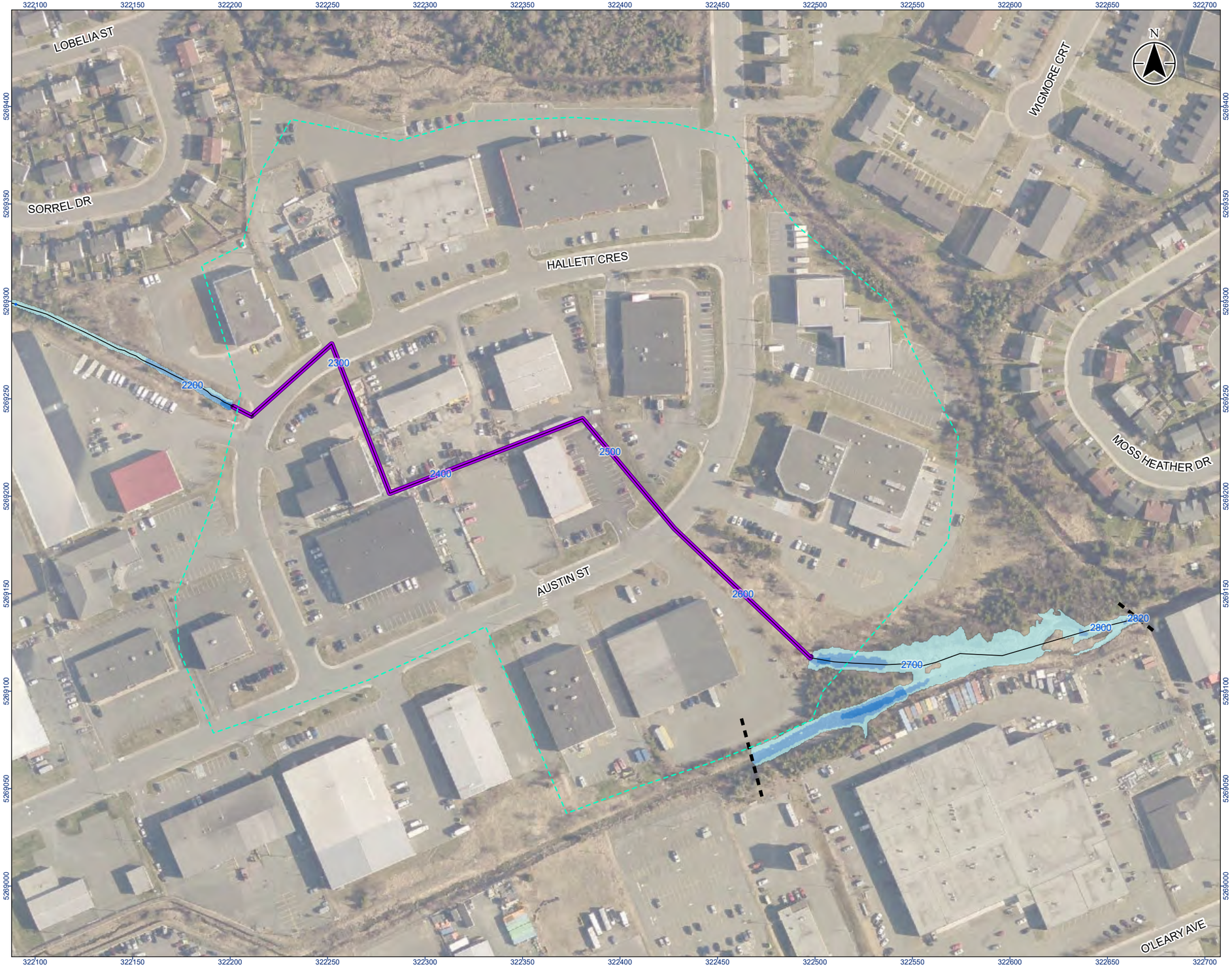
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
23-3

Title
Current Climate Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 3 of 4

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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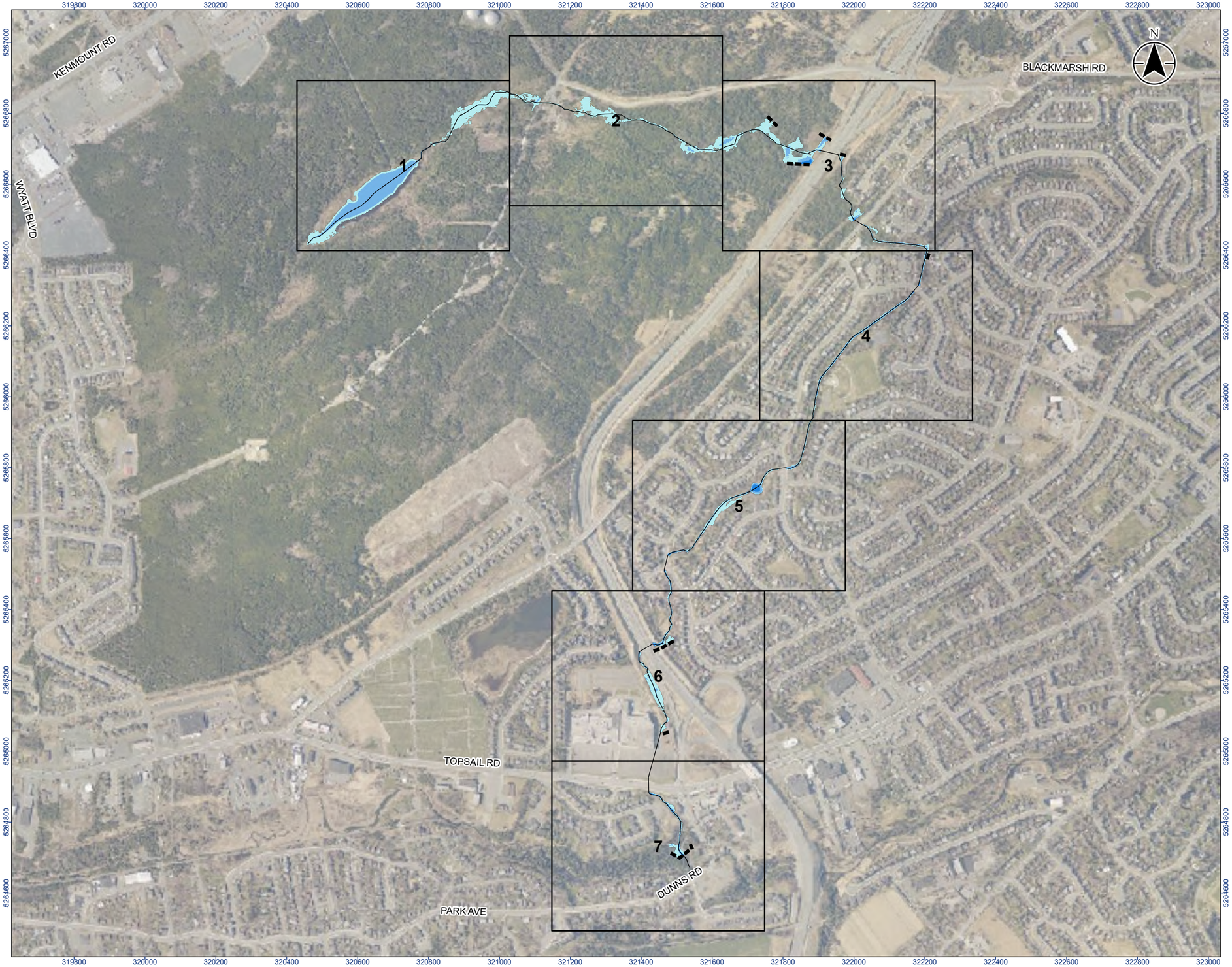
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
23-4

Title
Current Climate Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 4 of 4

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Legend

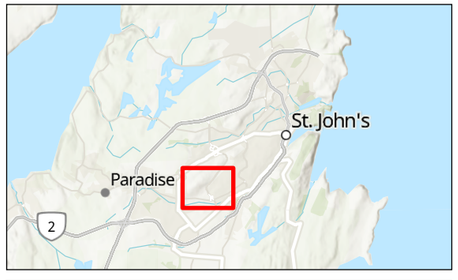
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 210 420 m

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Project Location
City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-0

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Overview Map

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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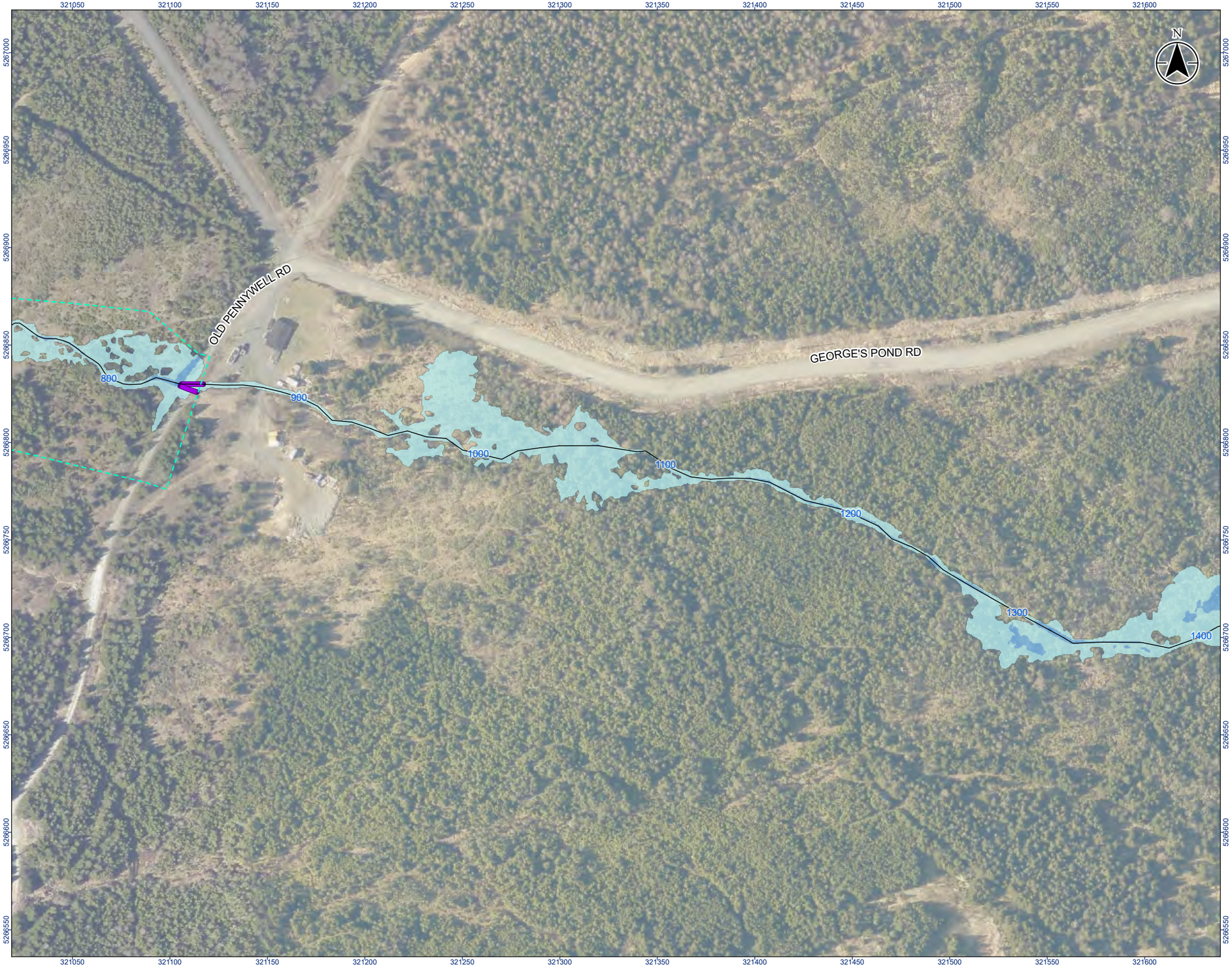
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-1

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 1 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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163401903 REVA
Prepared by kaitang on 2024-12-19

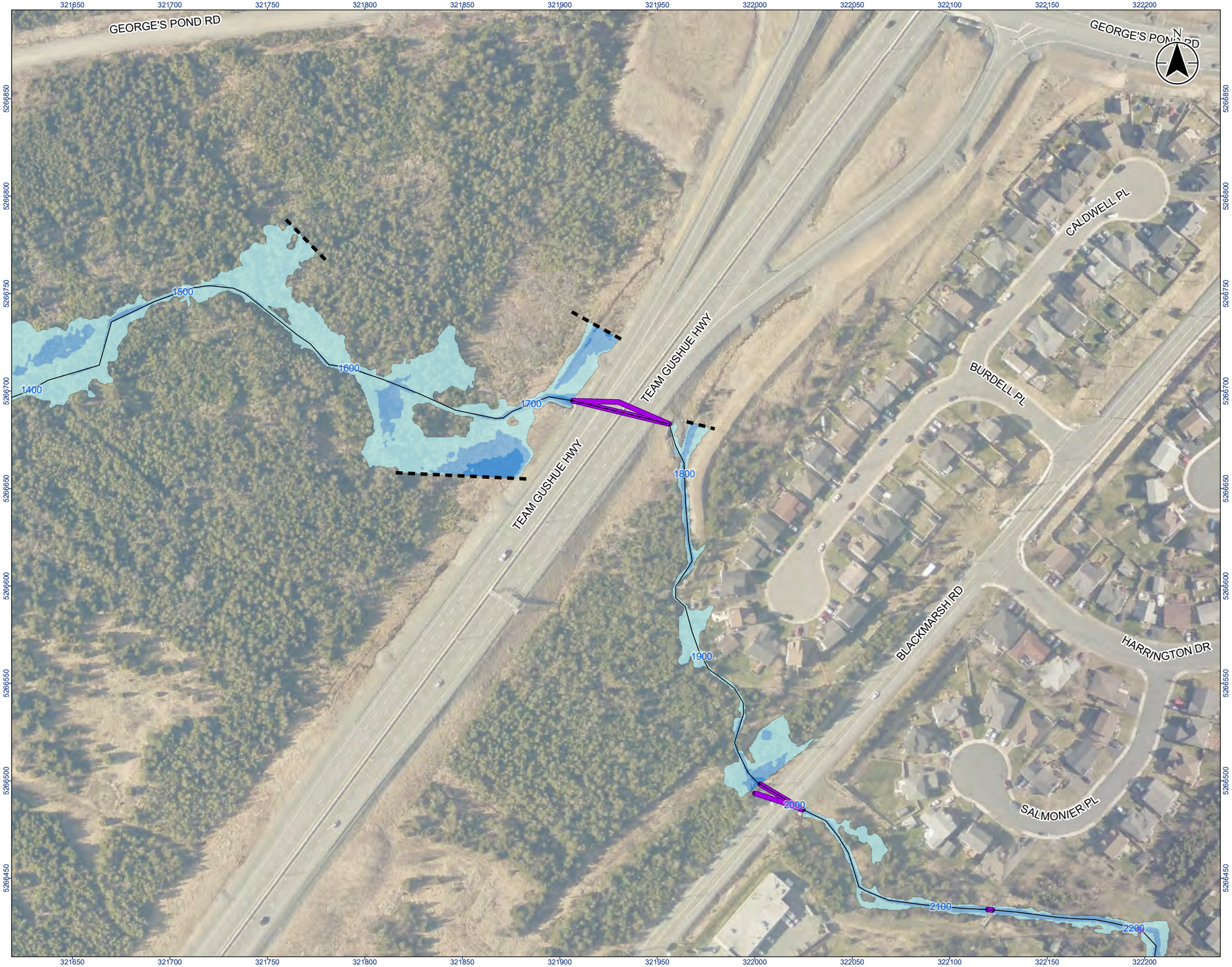
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-2

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 2 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-3

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 3 of 7

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Stantec

Legend

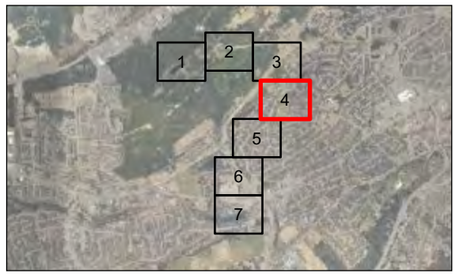
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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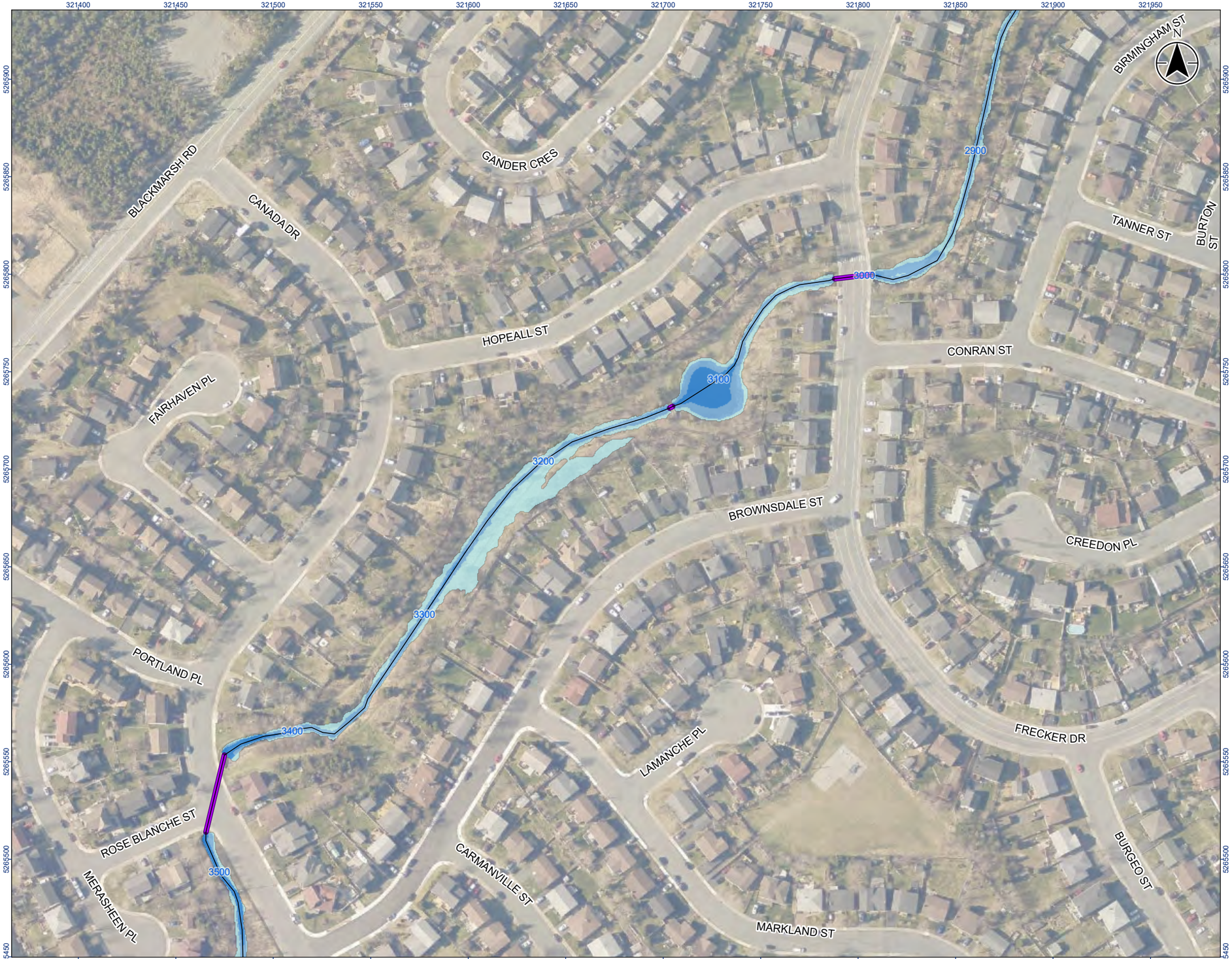
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-4

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-5

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-6

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 6 of 7

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Legend

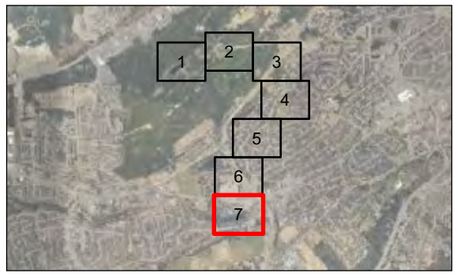
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- Modelled Hydraulic Structure
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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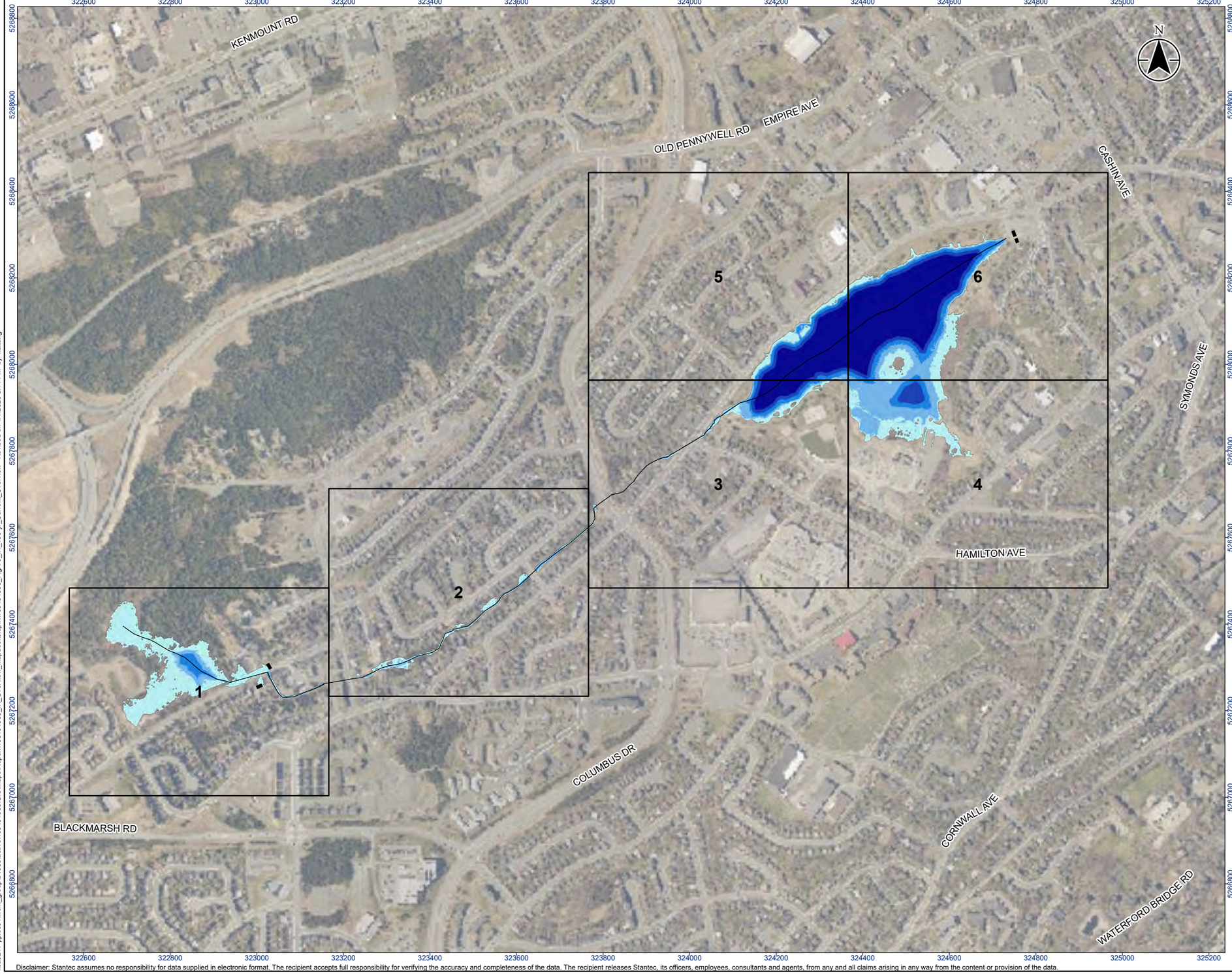
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
24-7

Title
Current Climate Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 7 of 7

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 175 350 m

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City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-0

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook Overview Map

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-1

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 1 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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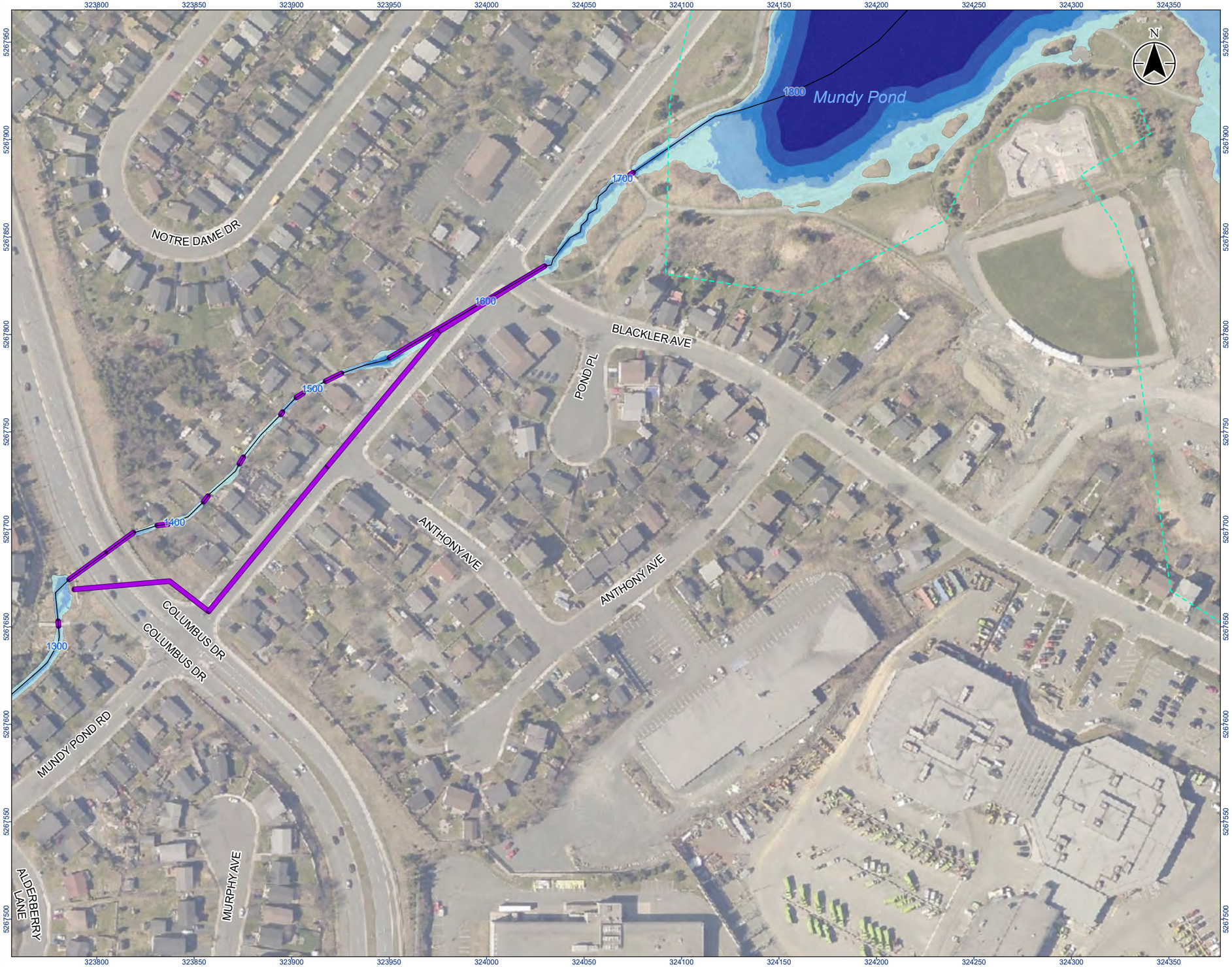
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-2

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 2 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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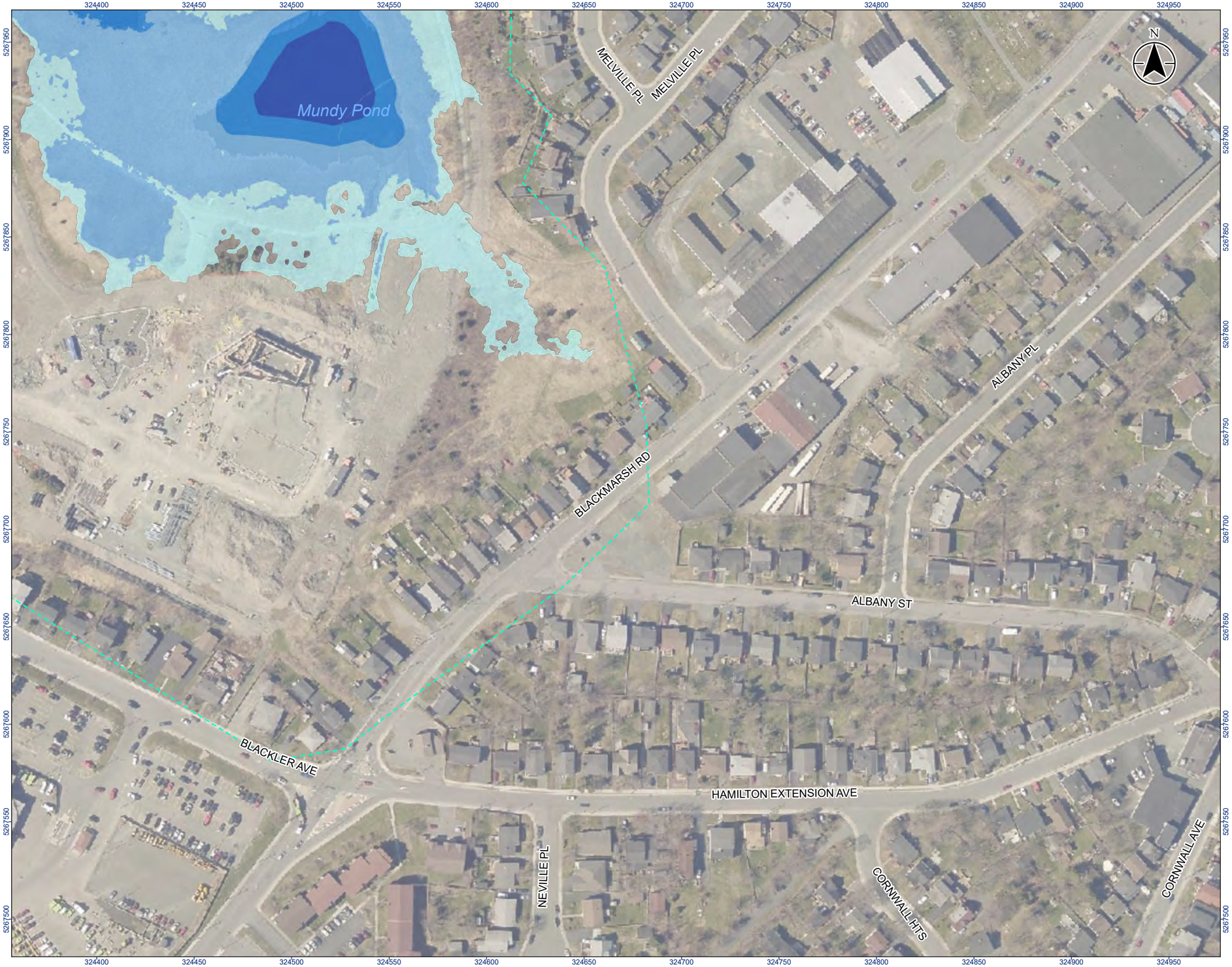
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-3

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 3 of 6

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Legend

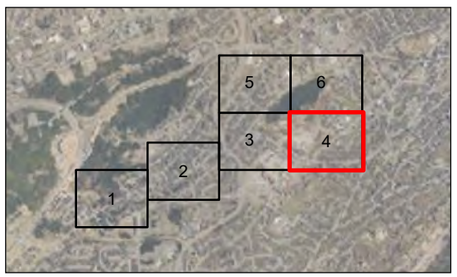
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-4

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 4 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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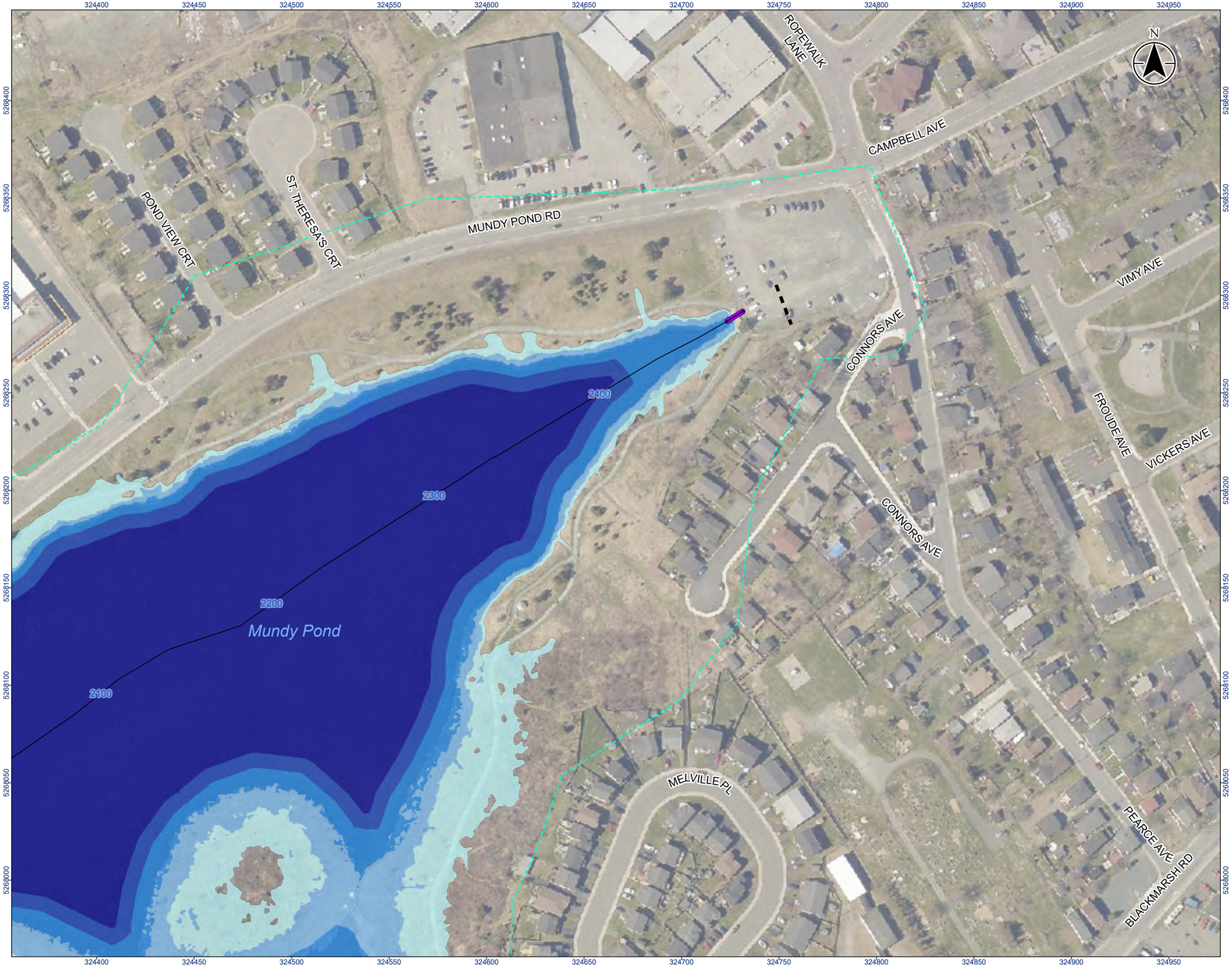
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-5

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 5 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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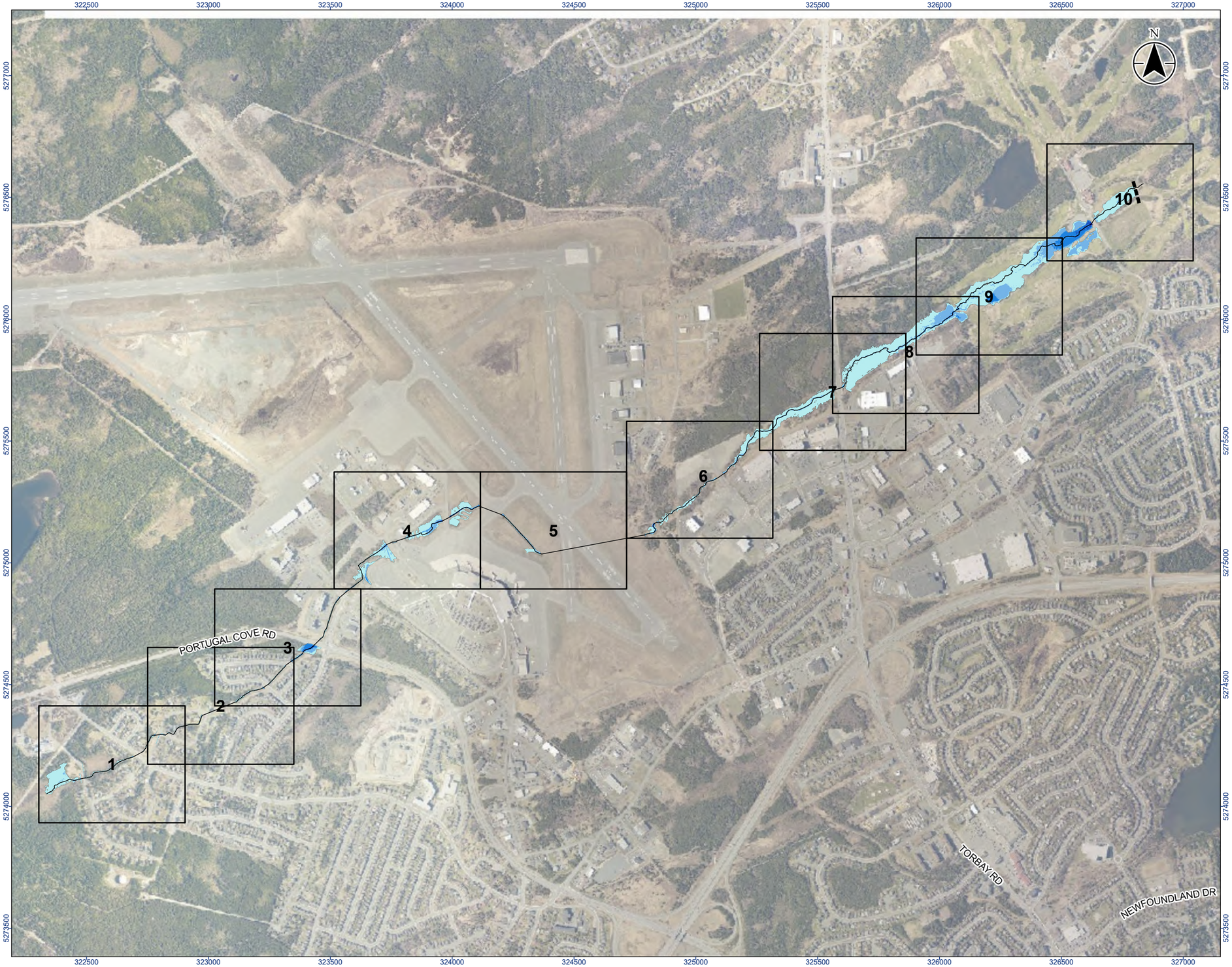
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
25-6

Title
Current Climate Condition
100-Year Inundation - Mundy Pond Brook
Sheet 6 of 6

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 310 620 m

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Project Location
City of St. John's

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Prepared by jacwalker on 2024-12-20

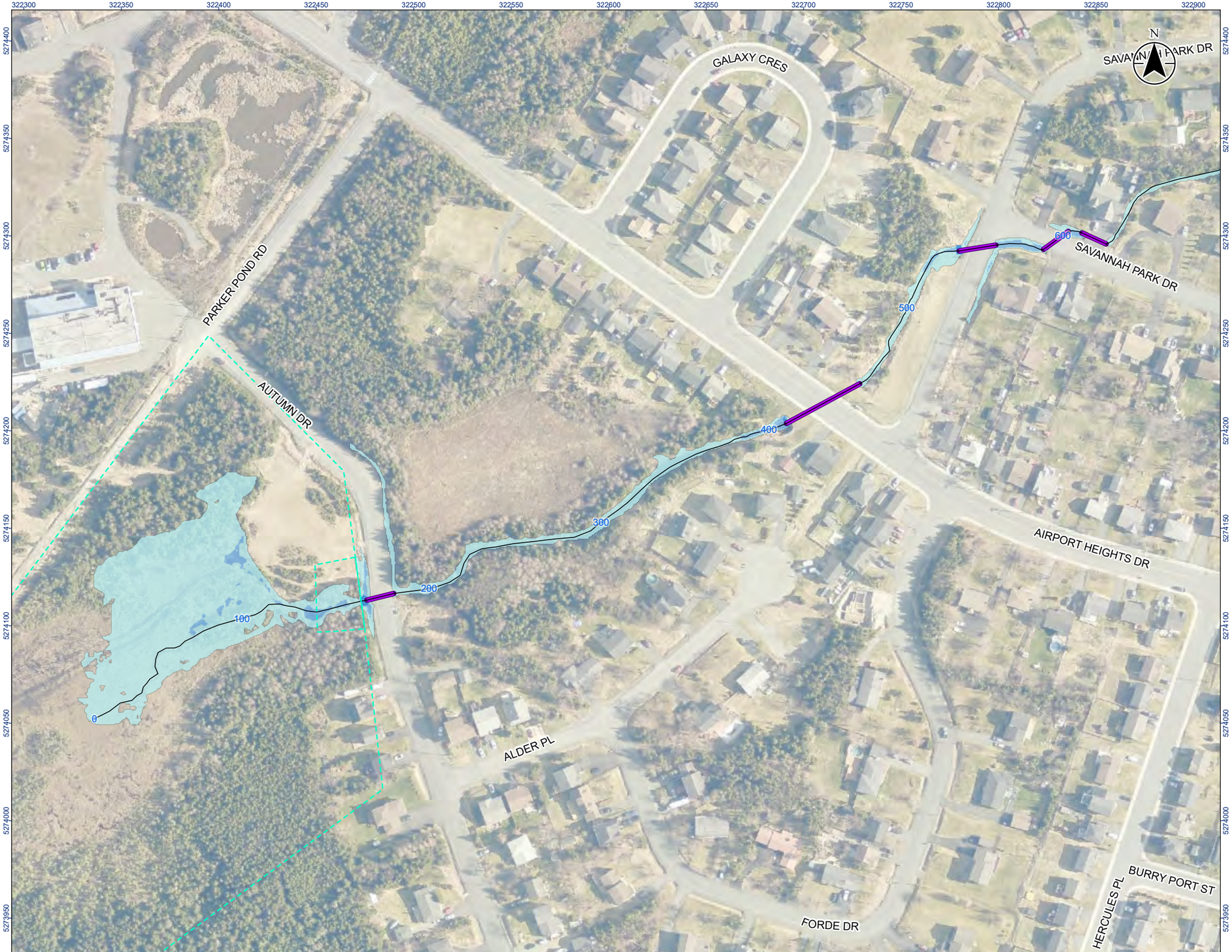
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-0

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Overview Map

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Stantec

Legend

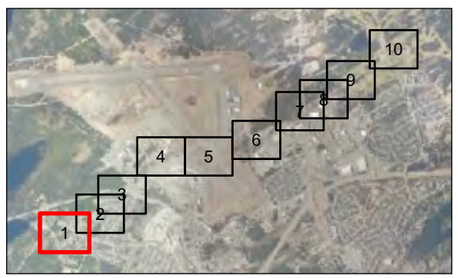
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-1

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 1 of 10

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Stantec

Legend

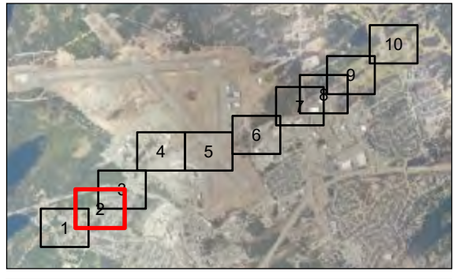
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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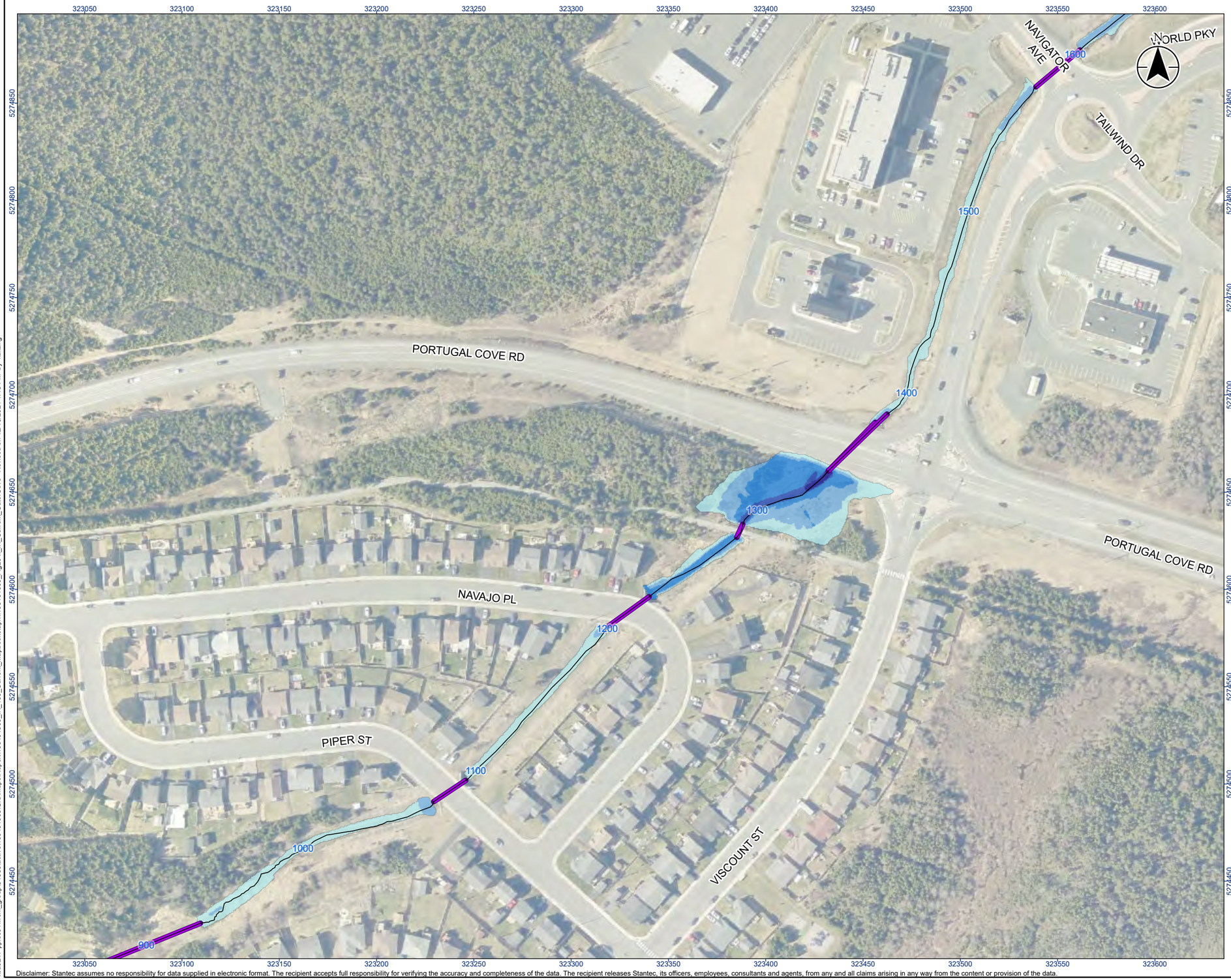
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-2

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 2 of 10

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Stantec

Legend

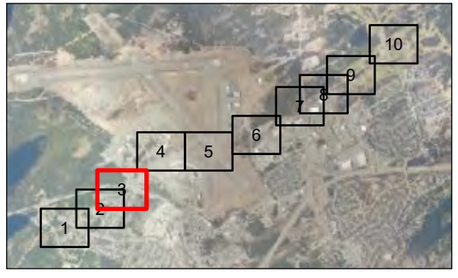
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-3

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 3 of 10

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Legend

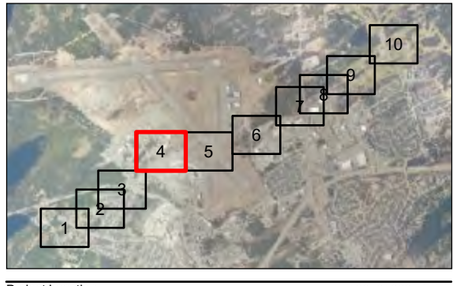
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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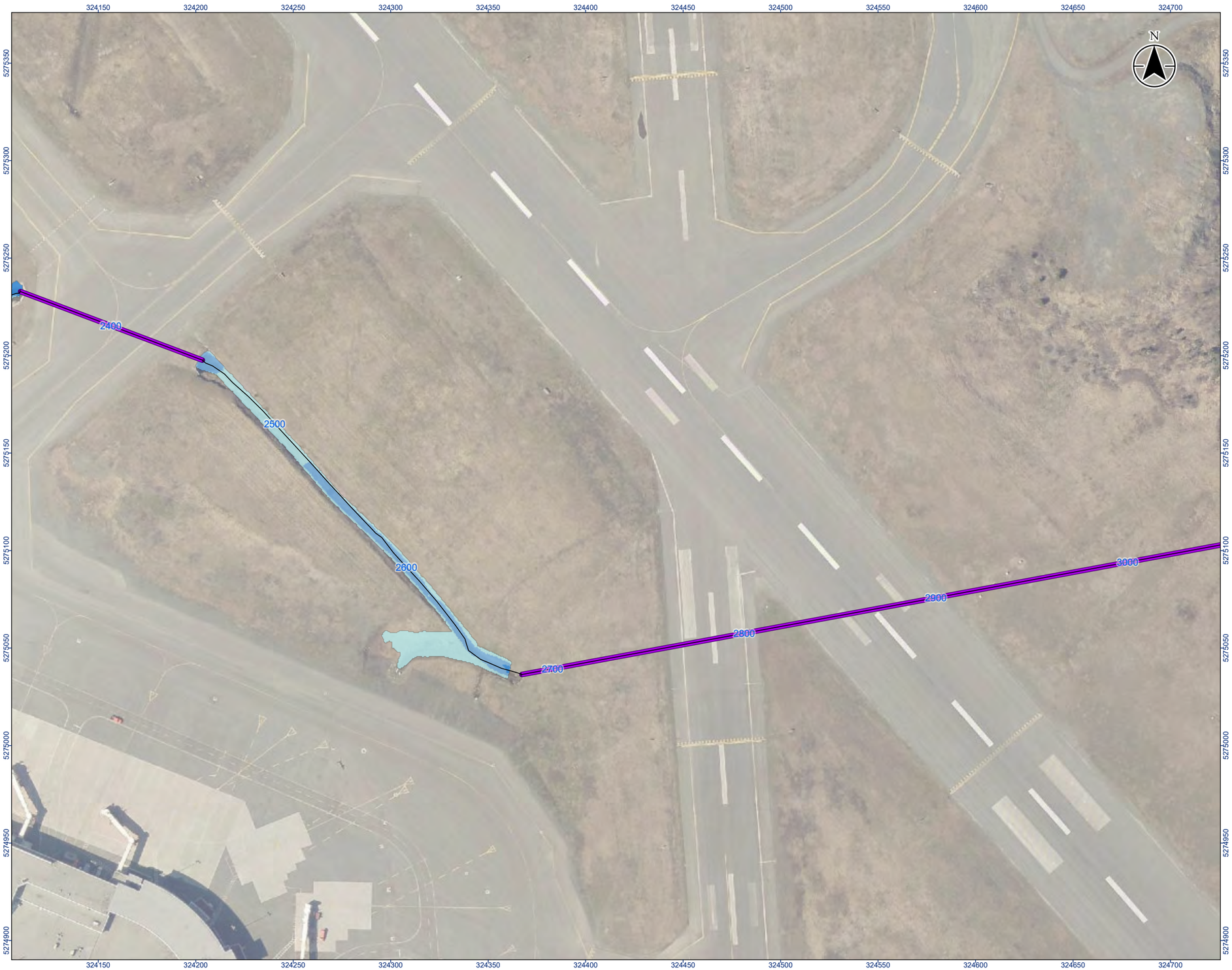
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-4

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 4 of 10

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Legend

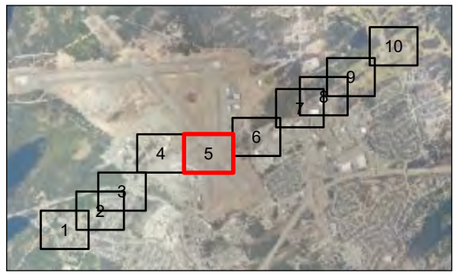
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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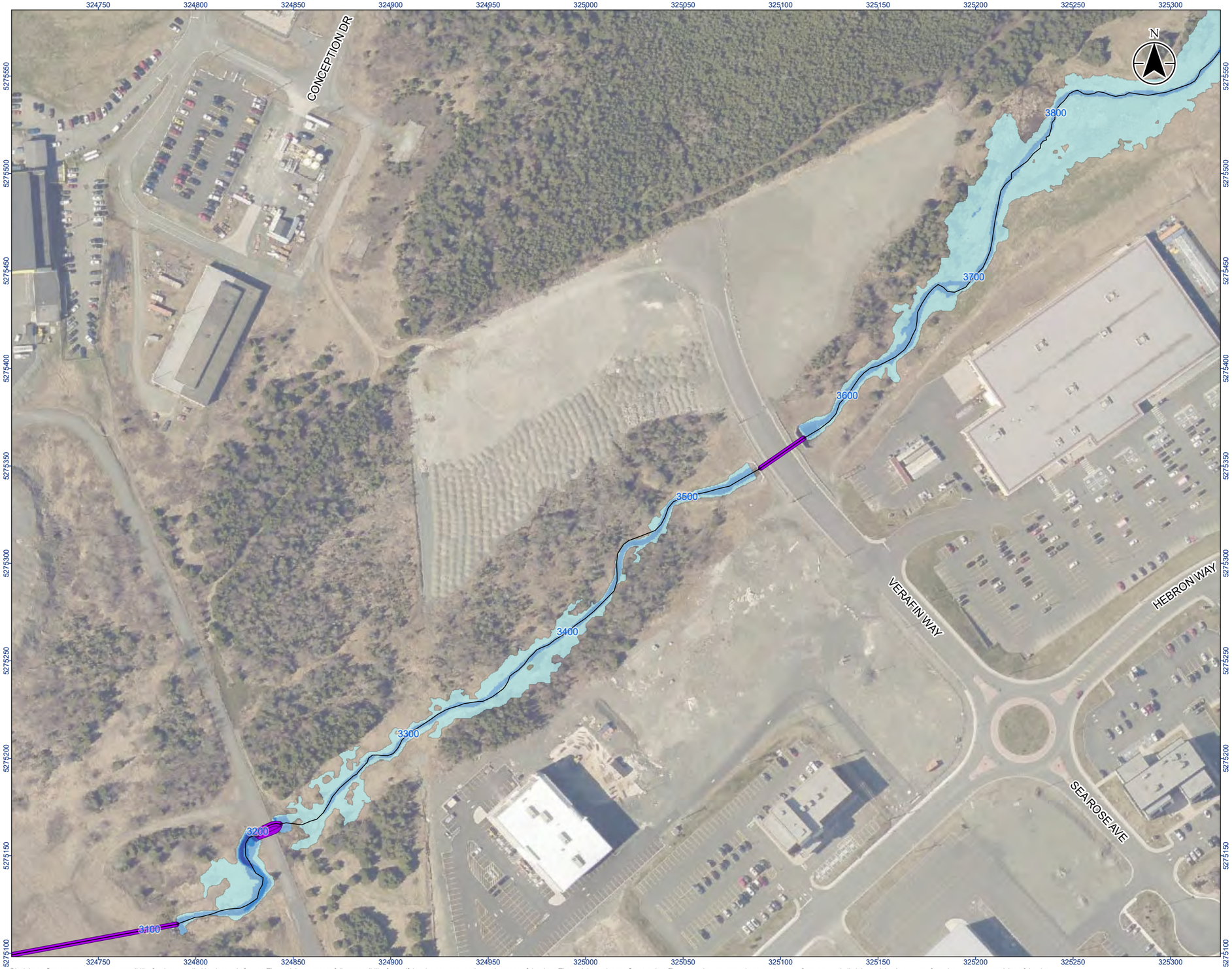
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-5

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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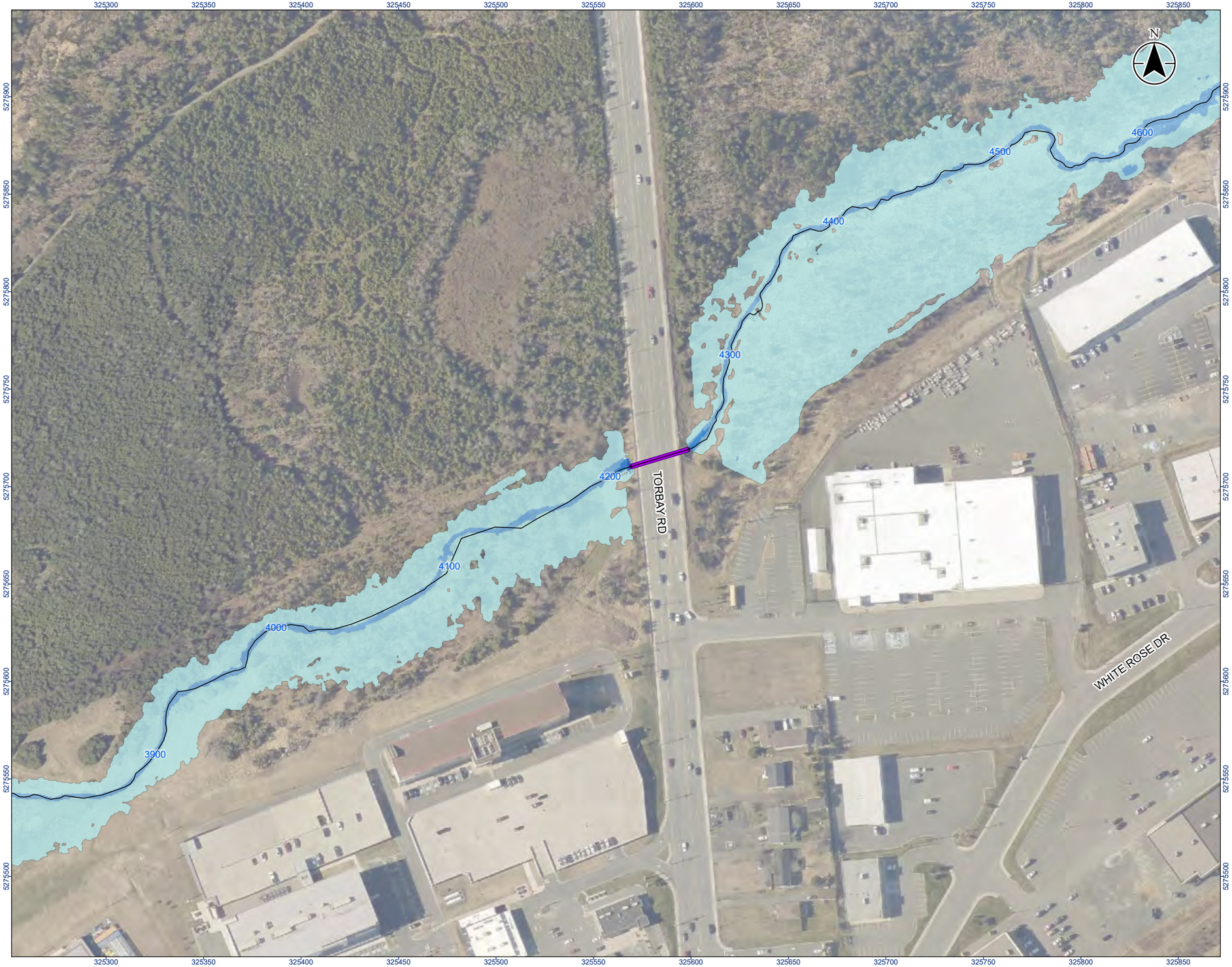
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-6

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 6 of 10

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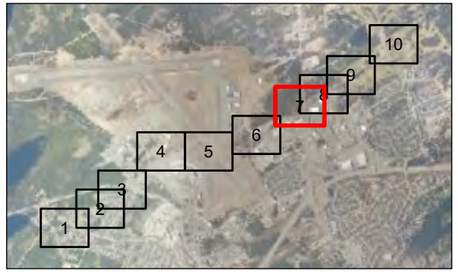
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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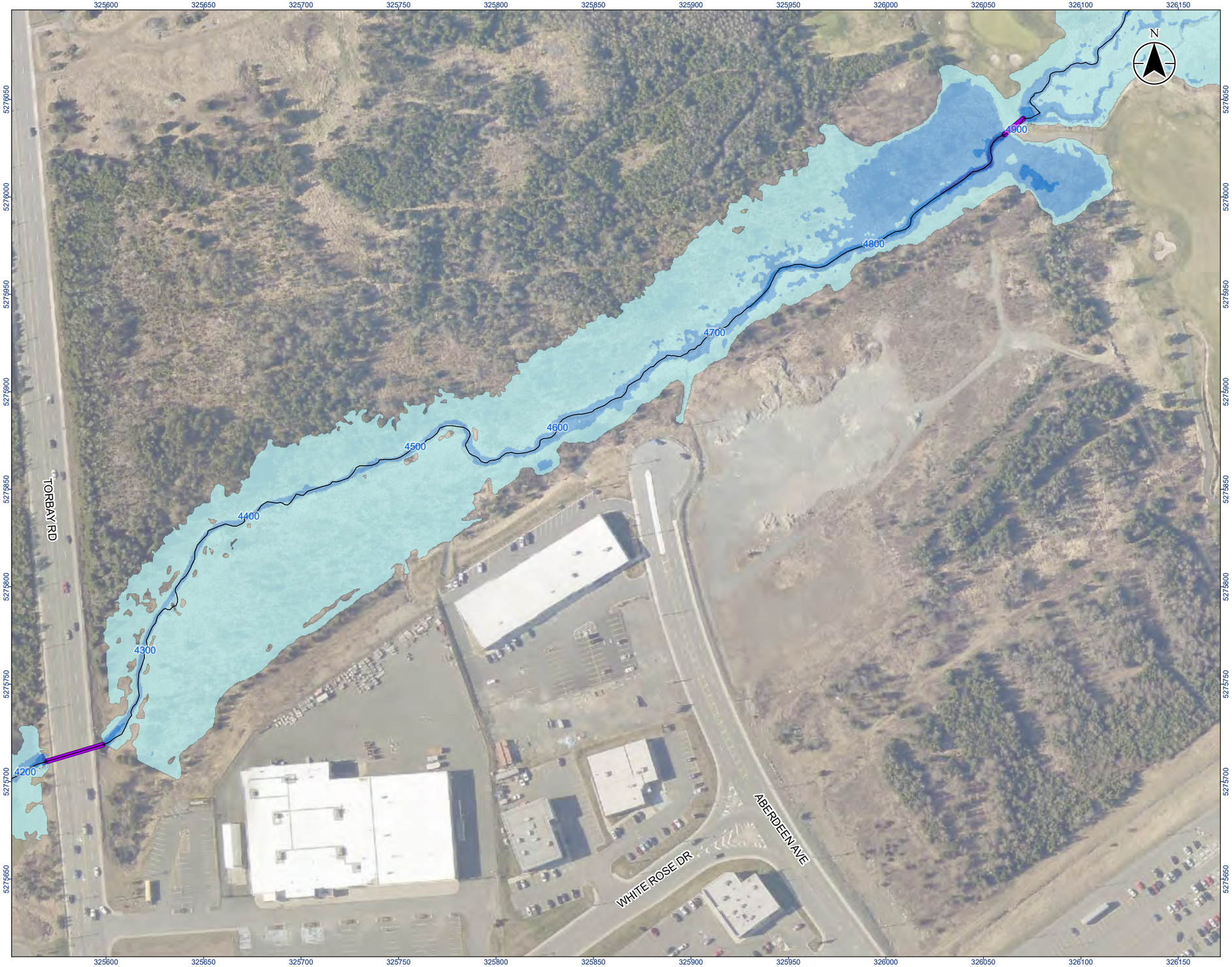
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-7

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 7 of 10

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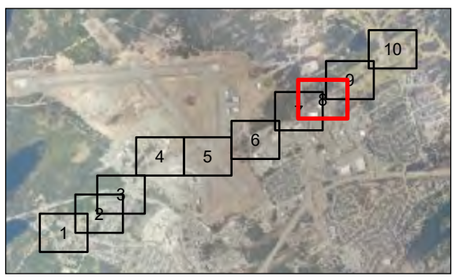
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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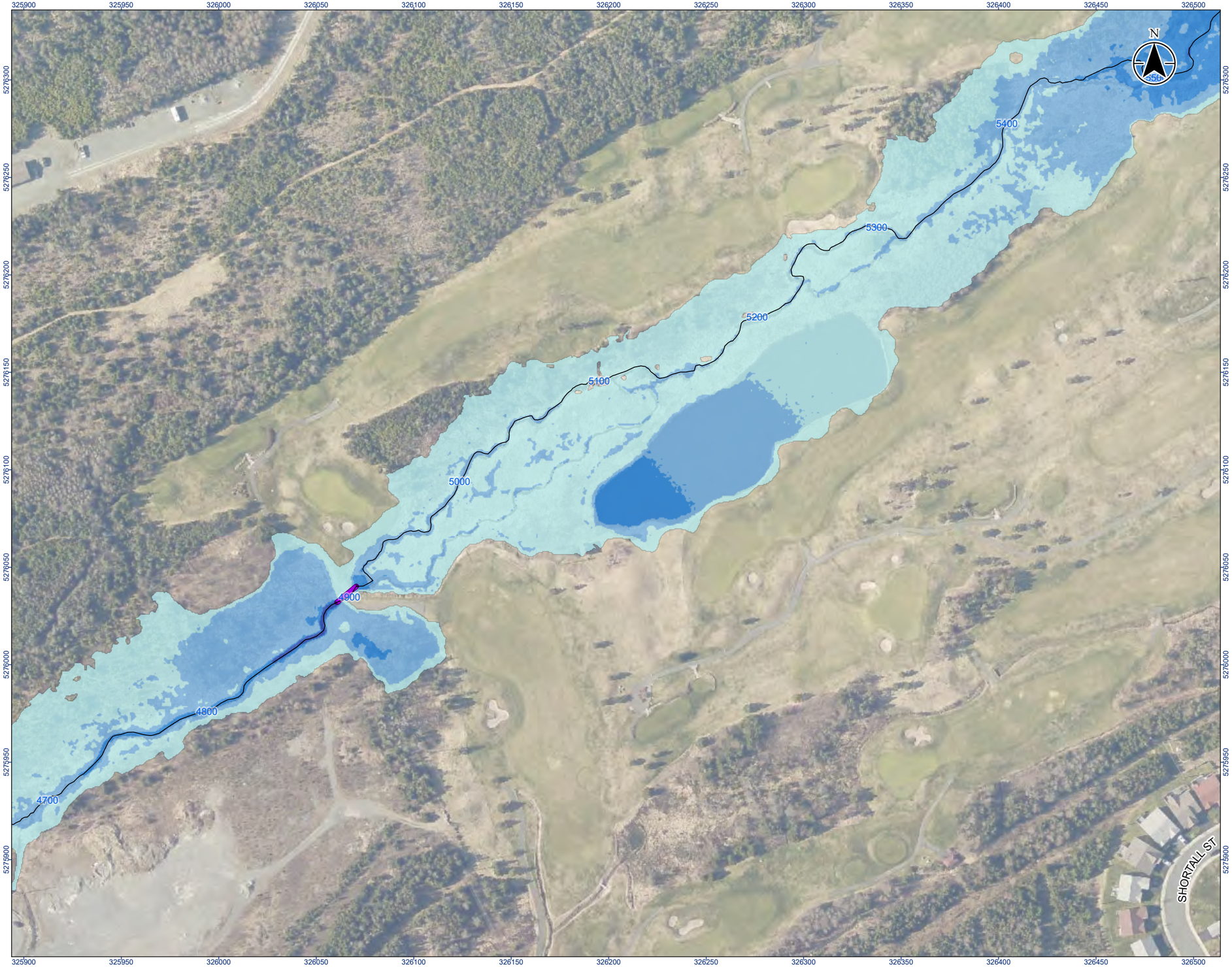
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-8

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 8 of 10

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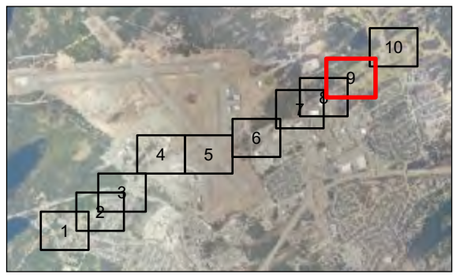
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

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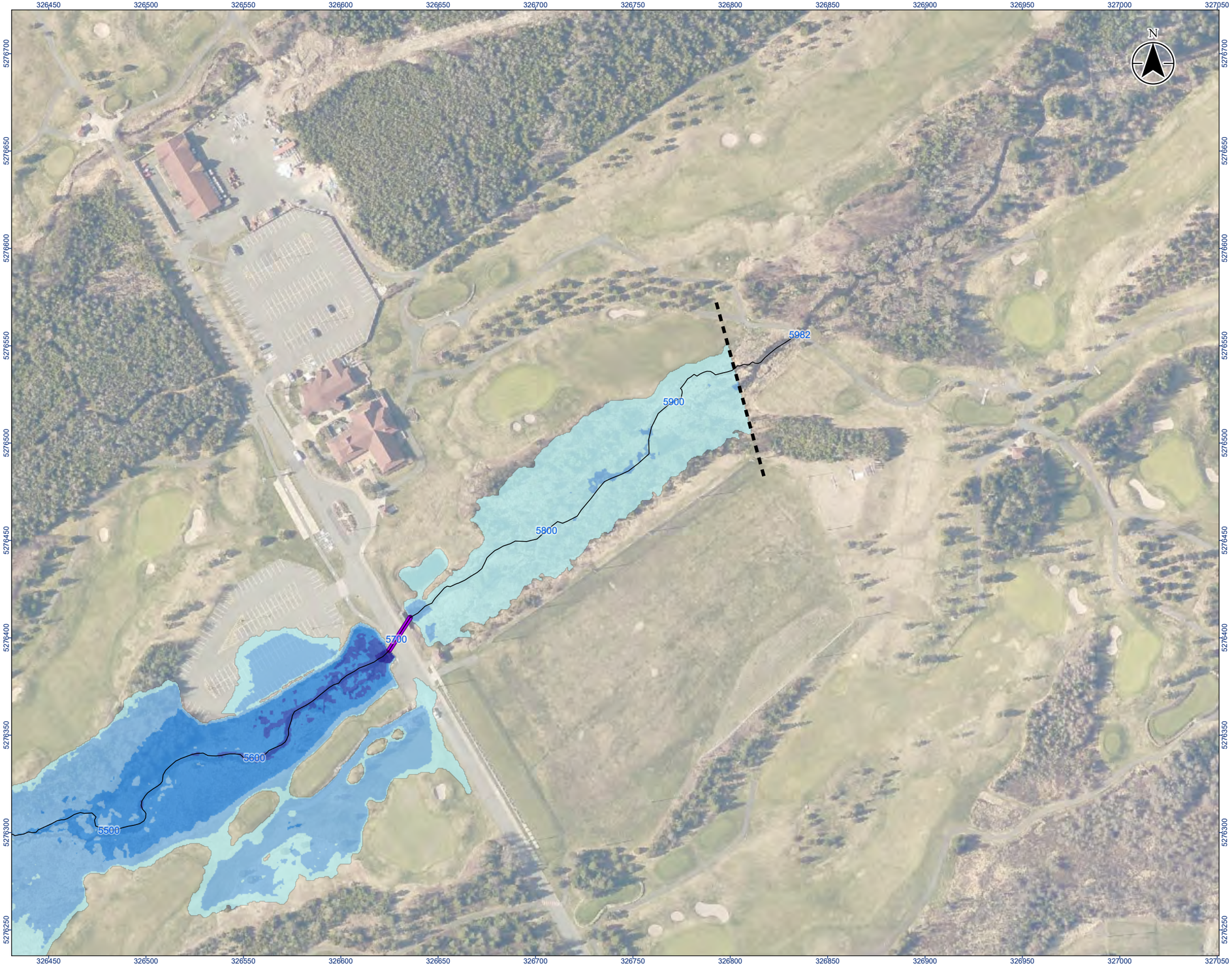
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-9

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 9 of 10

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Legend

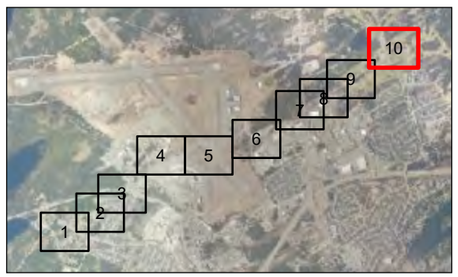
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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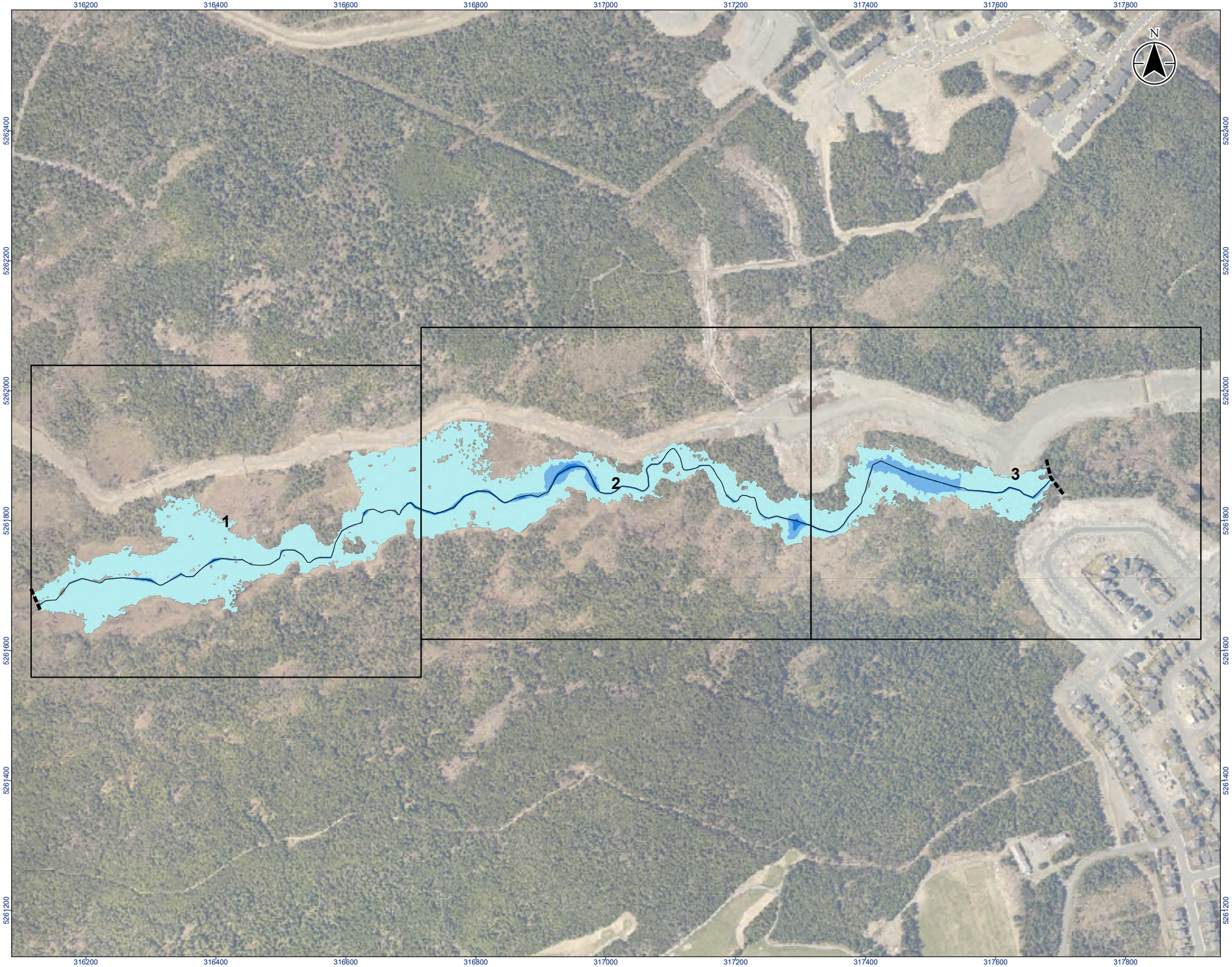
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
26-10

Title
Current Climate Condition
100-Year Inundation - Outer Cove Brook
Sheet 10 of 10

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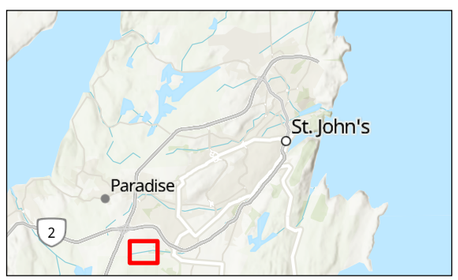
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- Limit of Mapping
- Map Extents
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 110 220 m

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Project Location
City of St. John's

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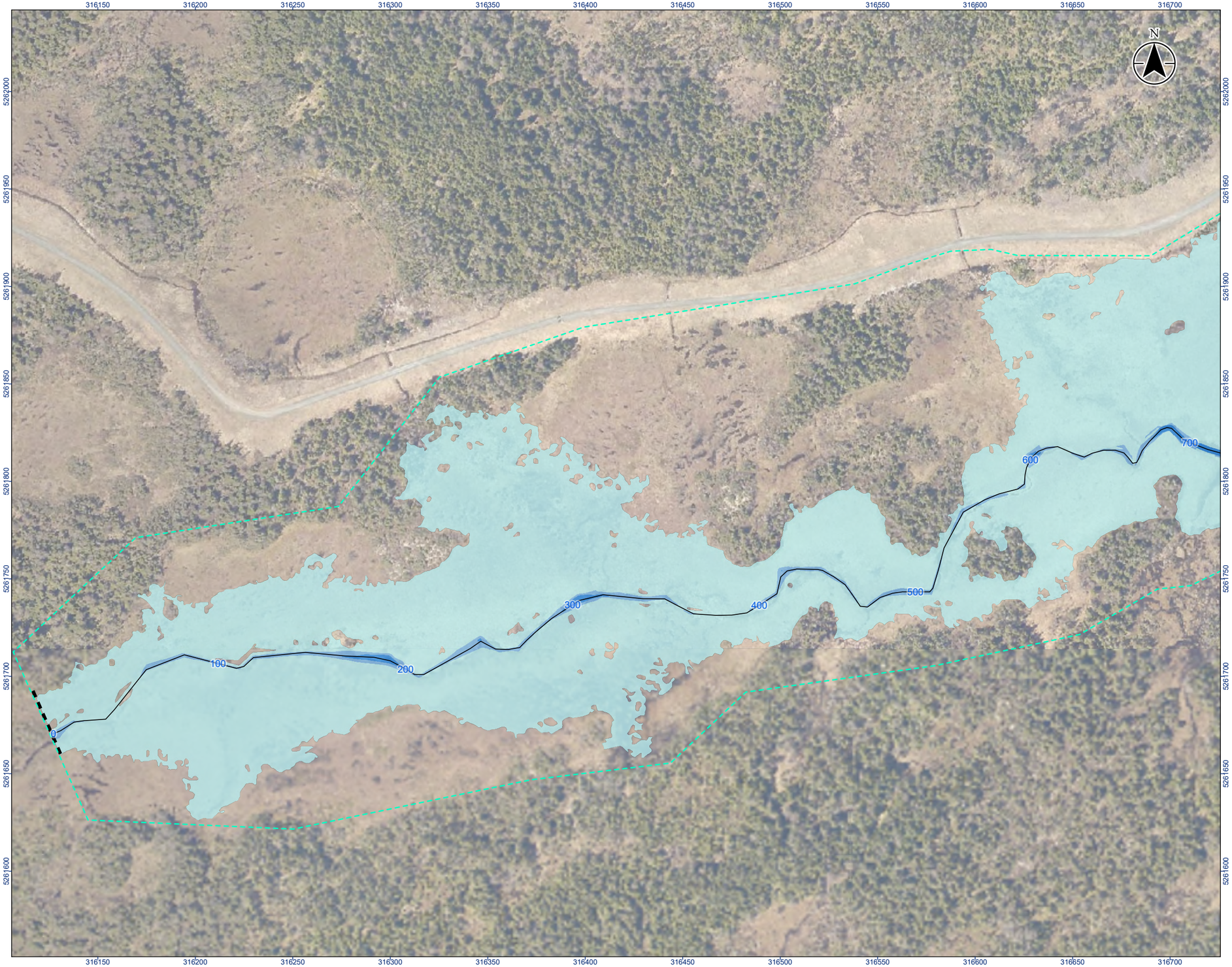
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
27-0

Title
Current Climate Condition 100-Year Inundation - South Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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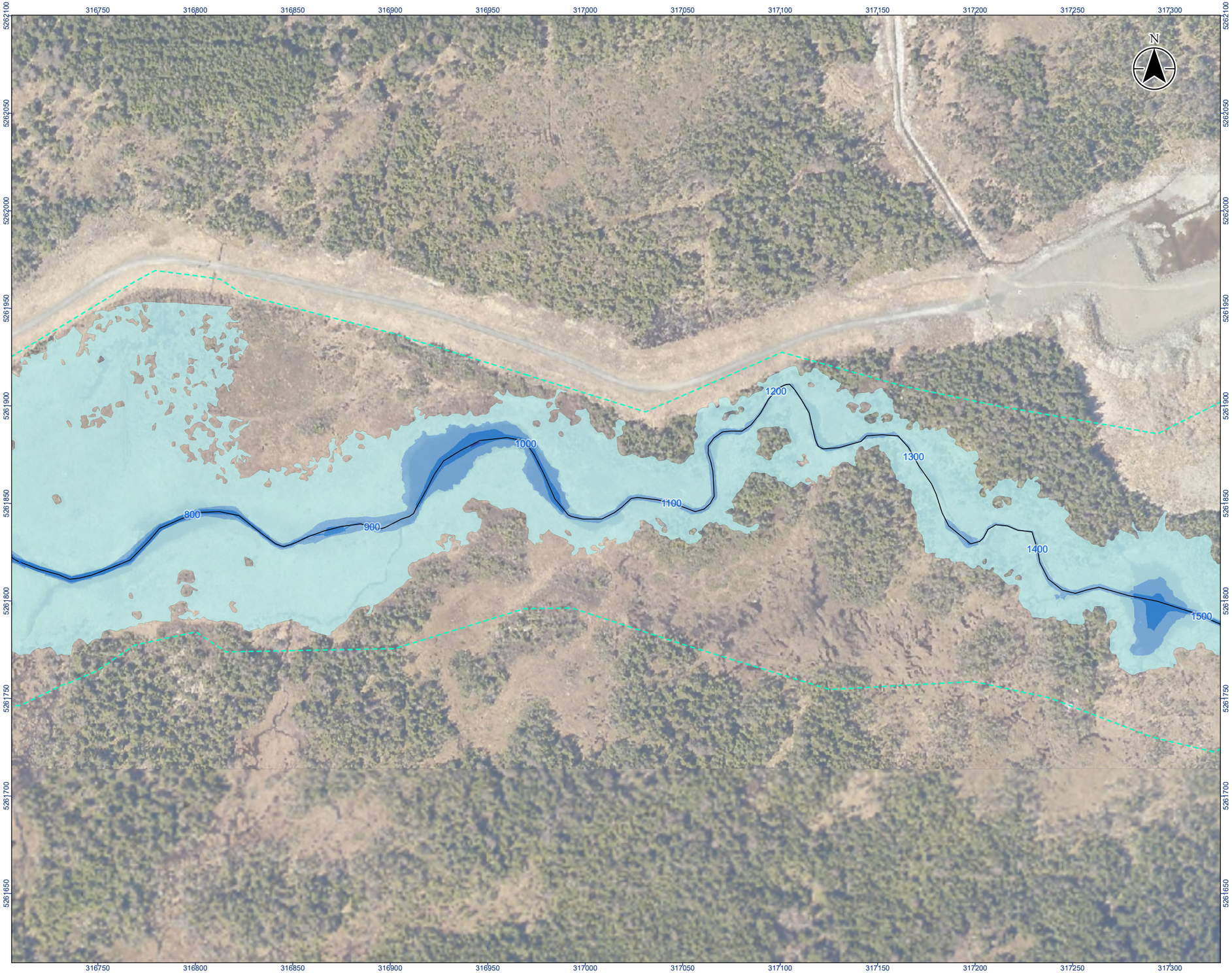
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
27-1

Title
Current Climate Condition
100-Year Inundation - South Brook
Sheet 1 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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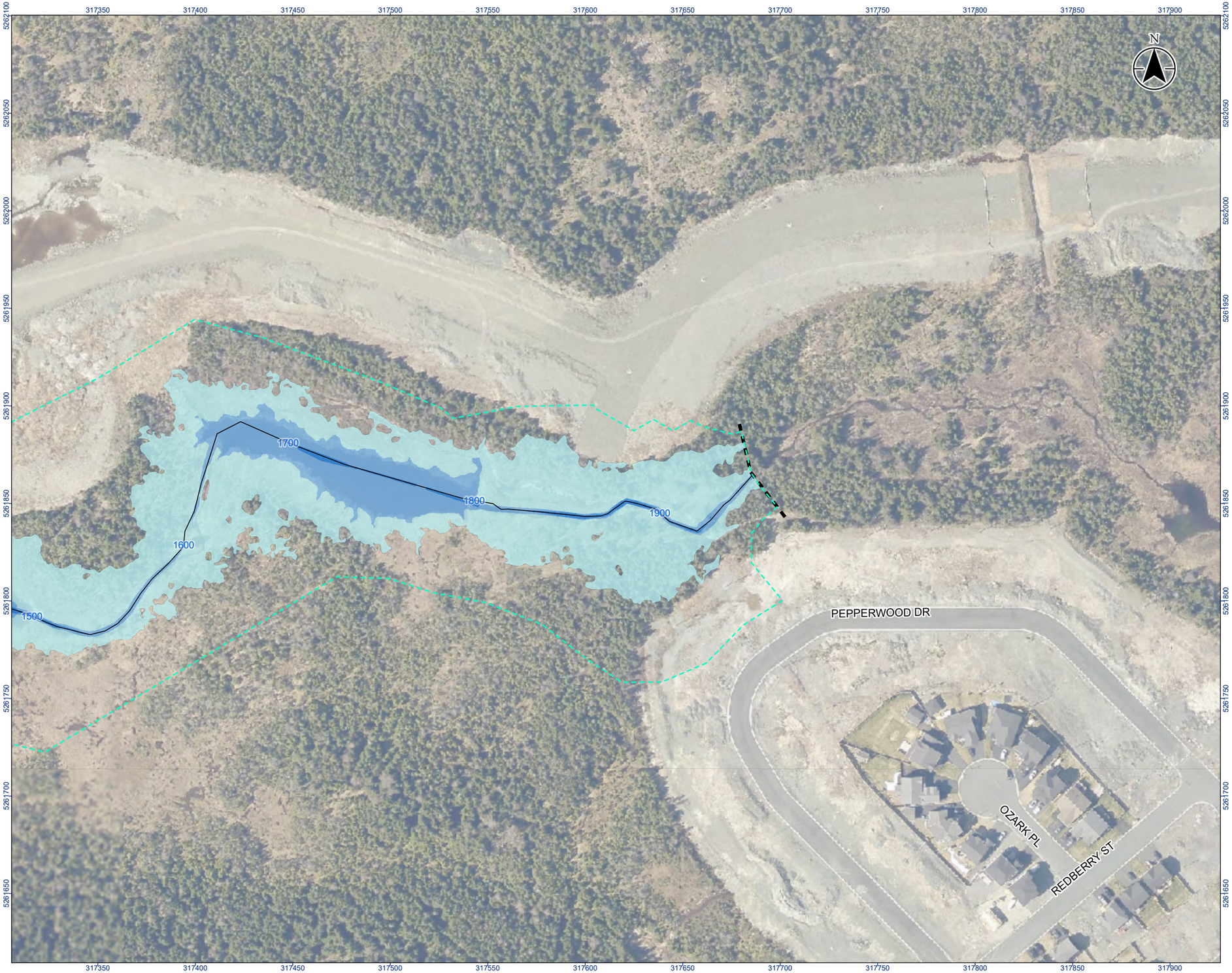
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
27-2

Title
Current Climate Condition
100-Year Inundation - South Brook
Sheet 2 of 3

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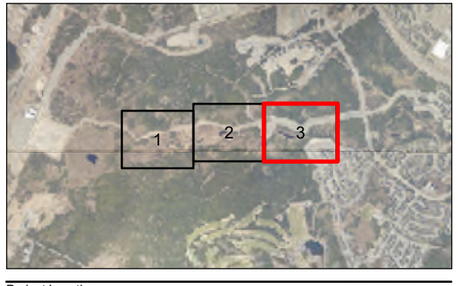
Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40
m
1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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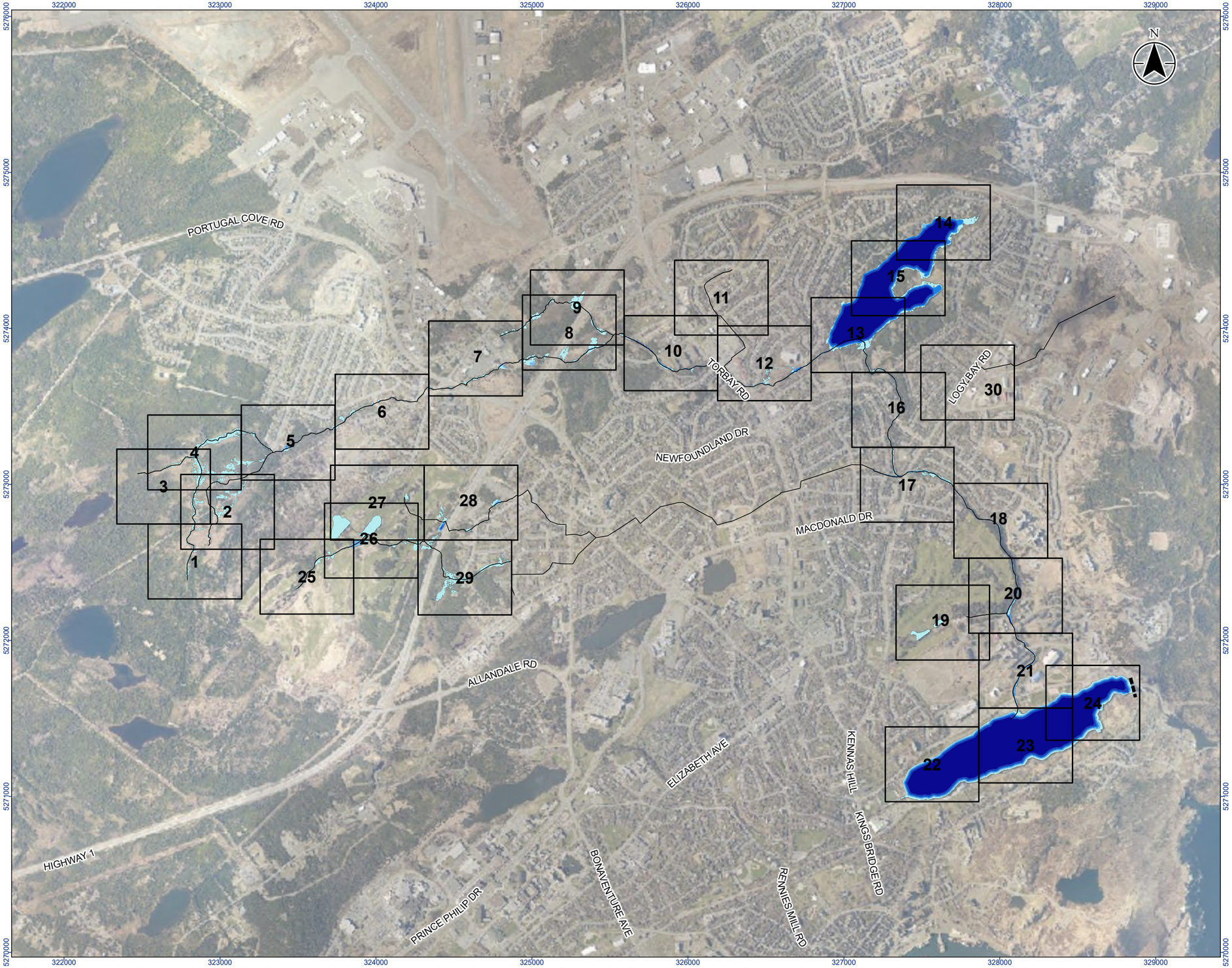
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
27-3

Title
Current Climate Condition
100-Year Inundation - South Brook
Sheet 3 of 3

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Legend

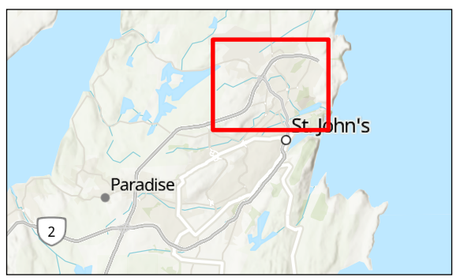
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- Limit of Mapping
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 490 980 m

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Project Location
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Prepared by jacwalker on 2024-12-20

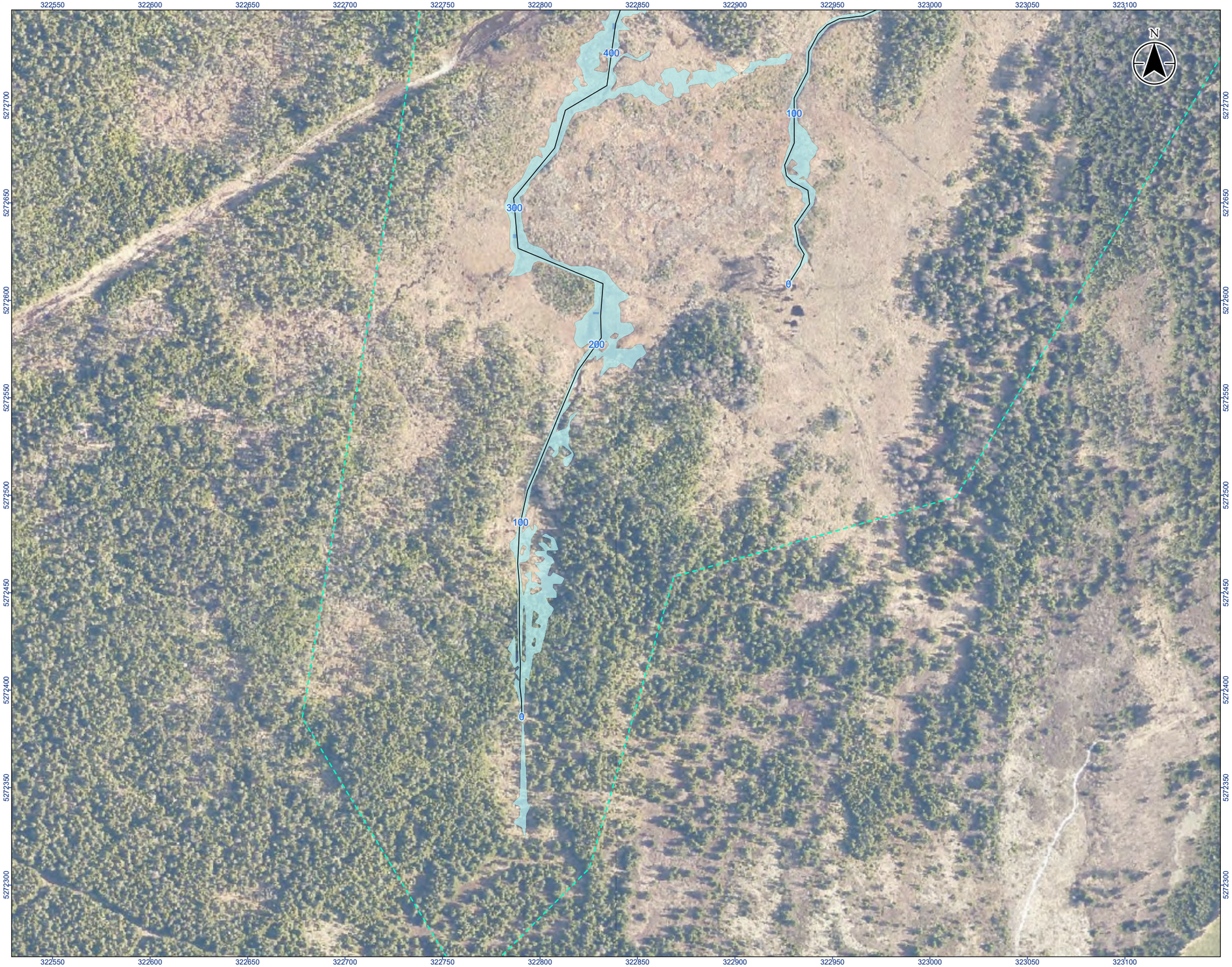
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-0

Title
Current Climate Condition
100-Year Inundation - Virginia River
Overview Map

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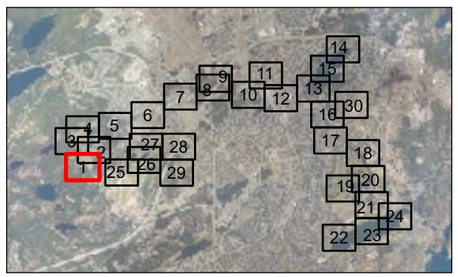
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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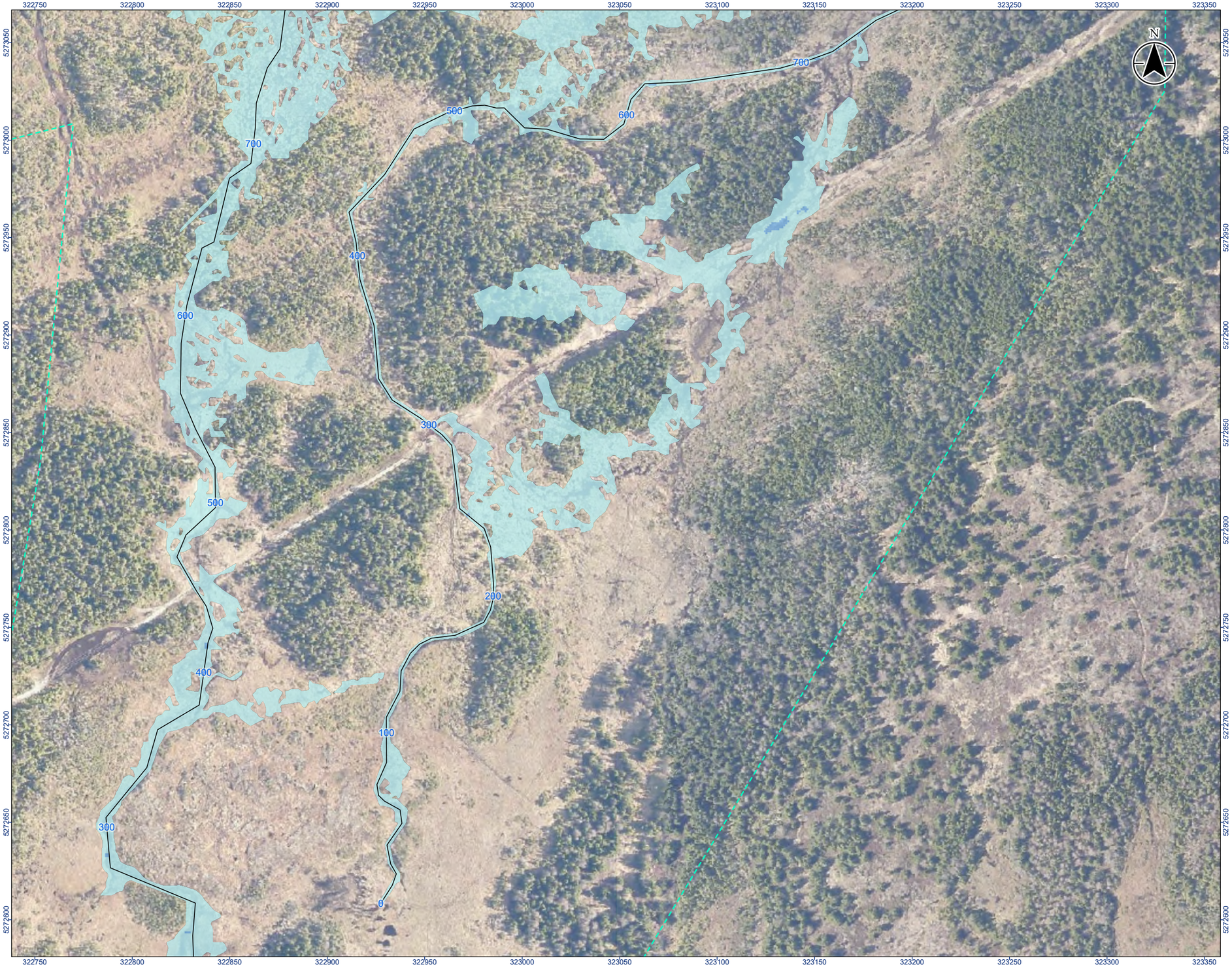
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-1

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 1 of 30

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Legend

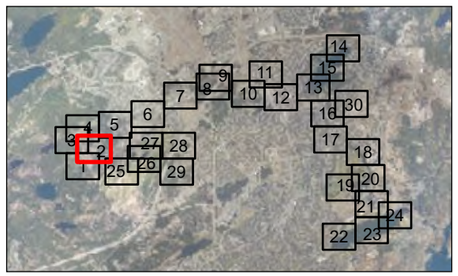
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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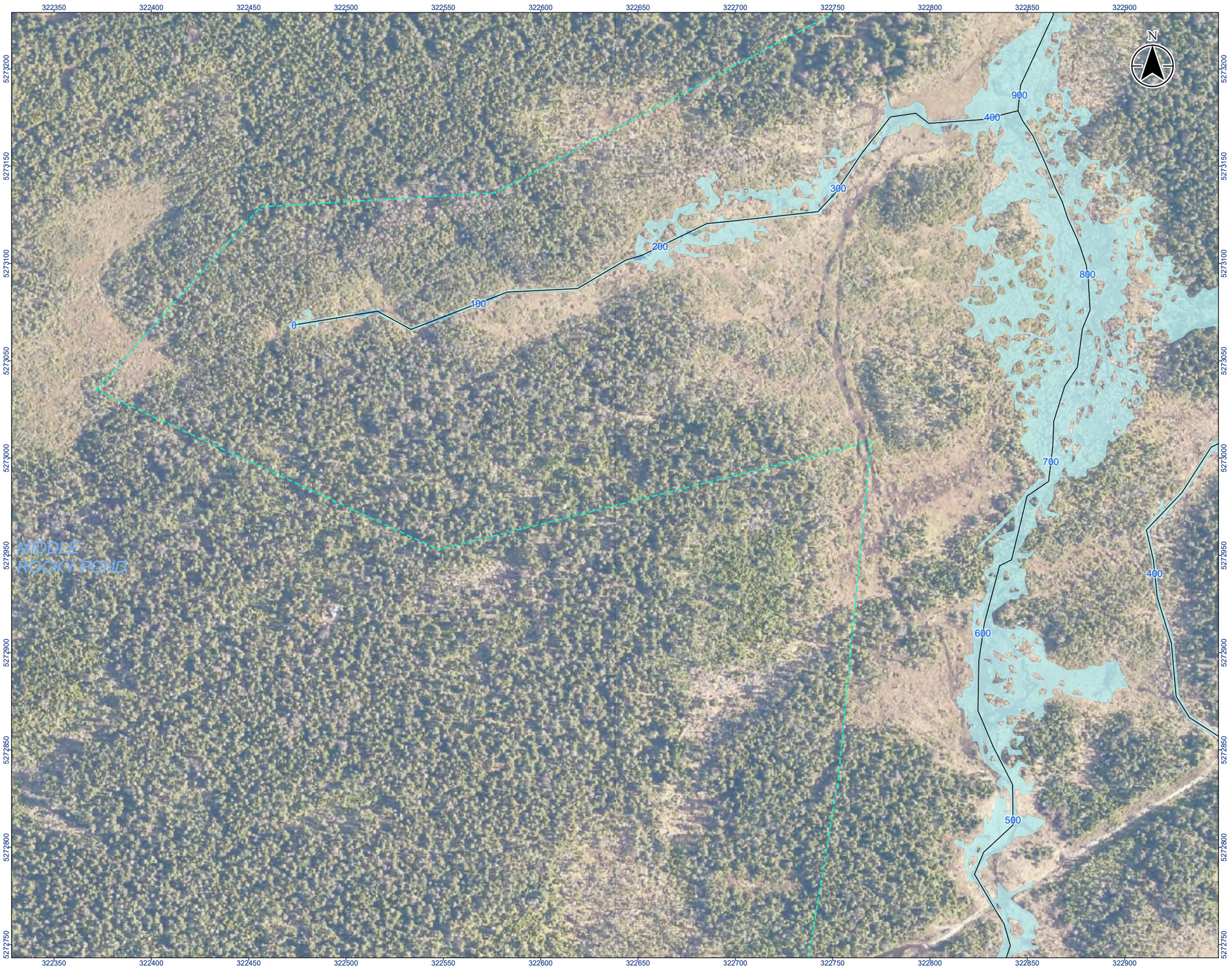
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-2

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 2 of 30

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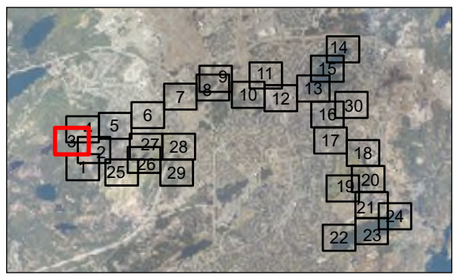
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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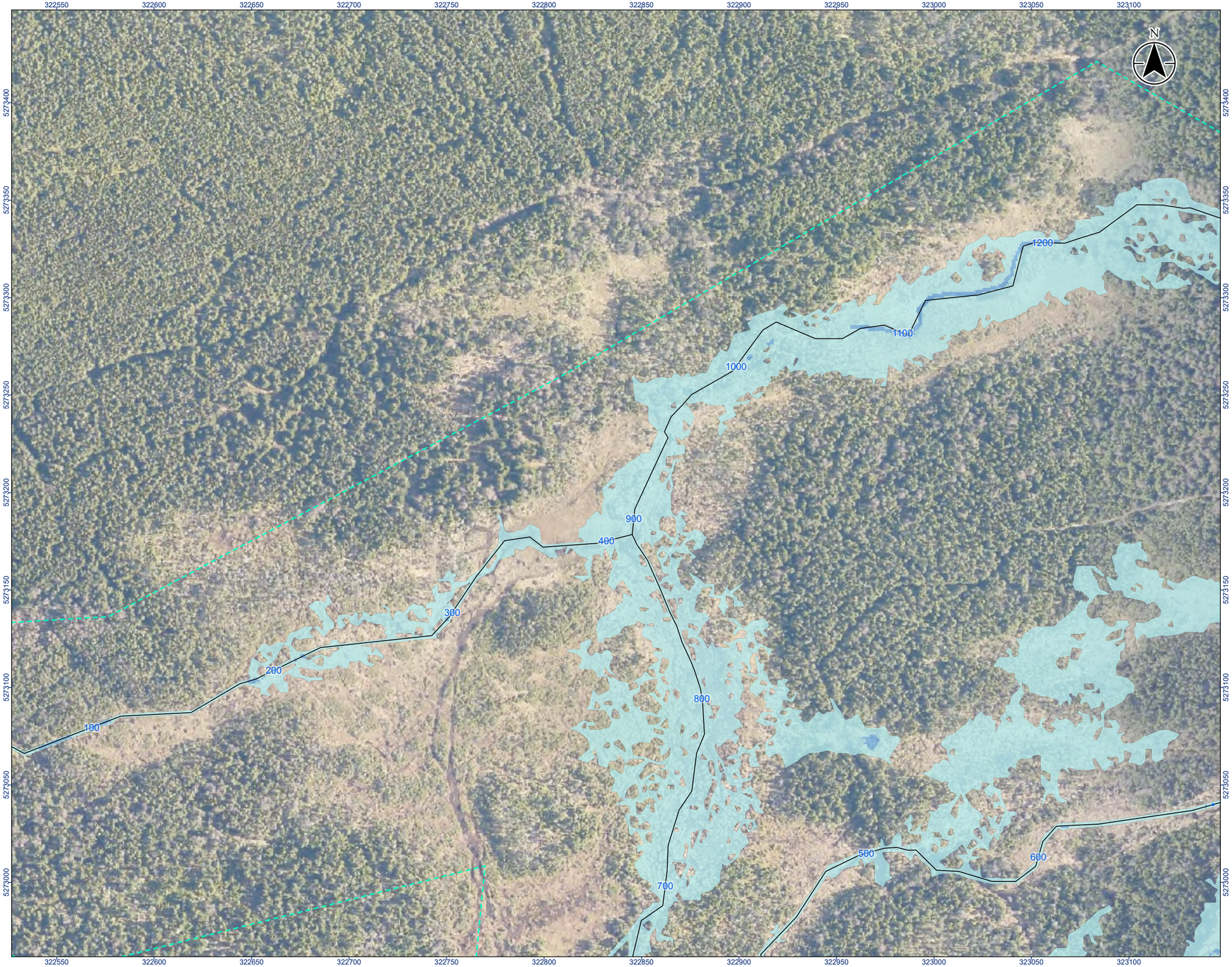
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-3

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 3 of 30

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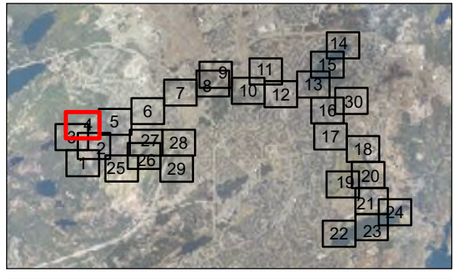
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-4

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 4 of 30

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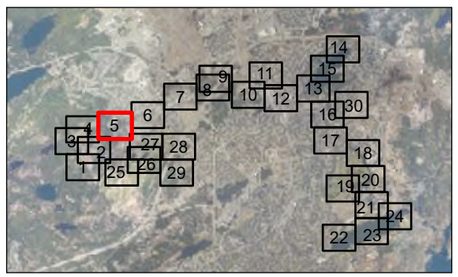
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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City of St. John's

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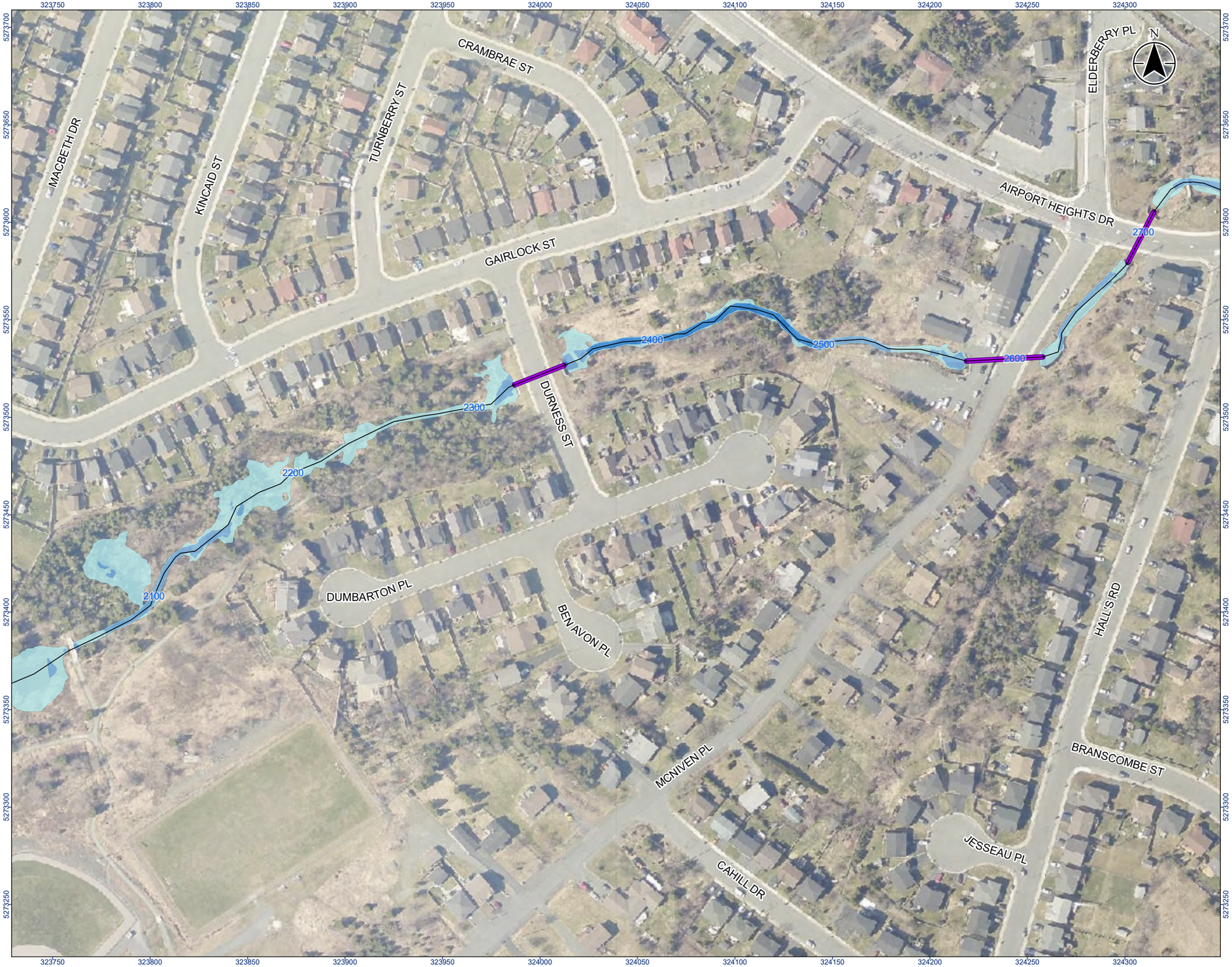
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-5

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 5 of 30

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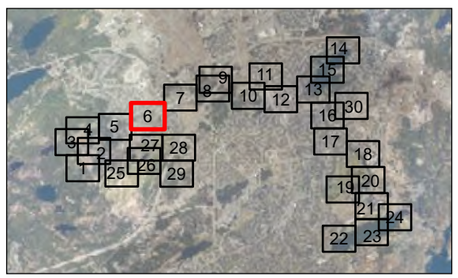
- River/Creek Centreline
- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-6

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 6 of 30

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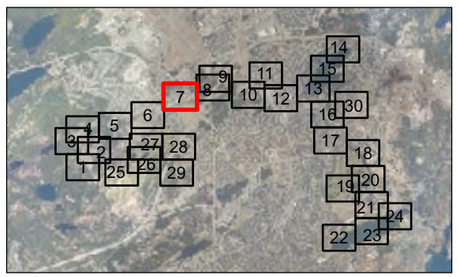
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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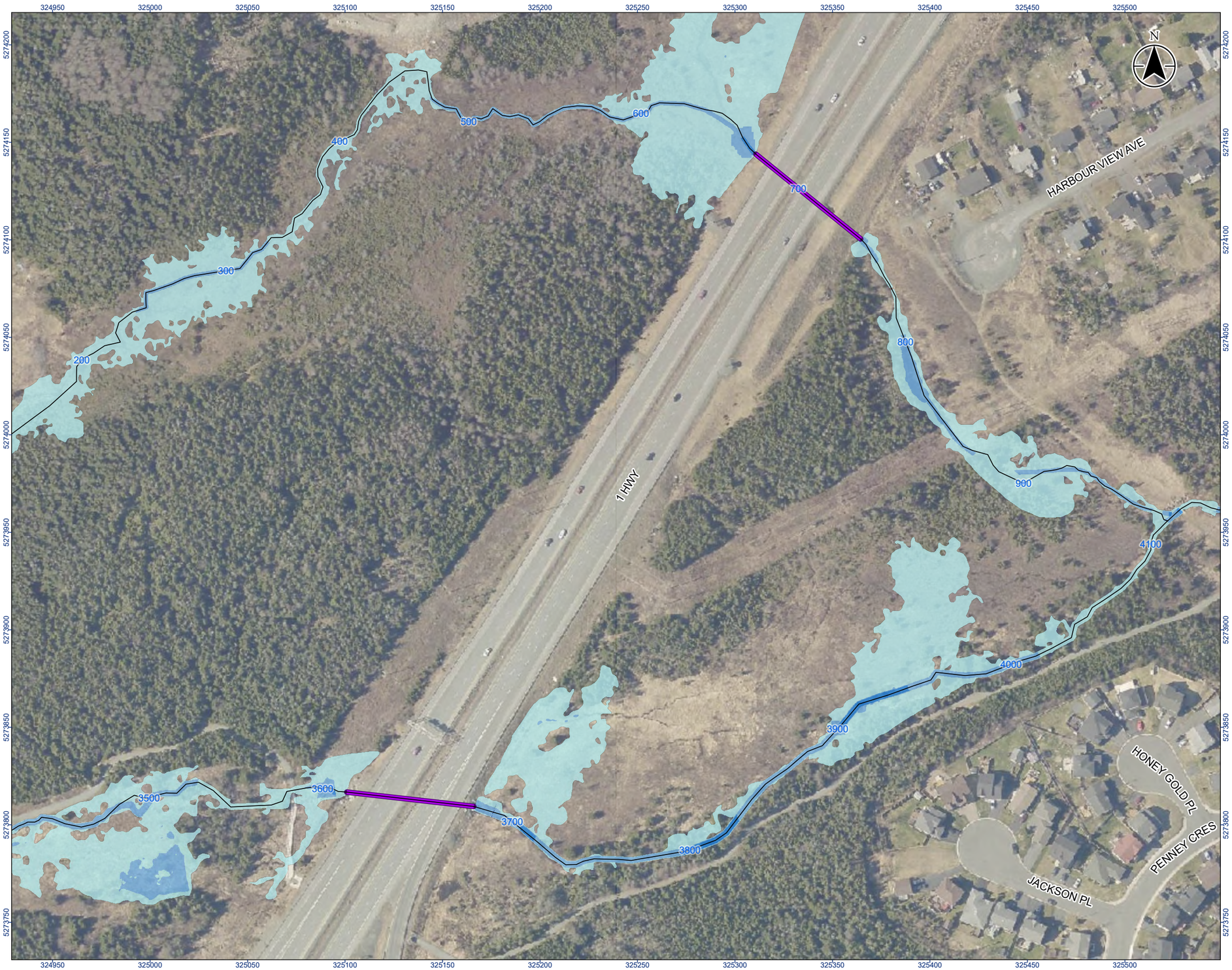
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-7

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 7 of 30

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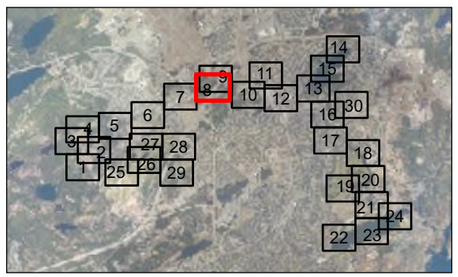
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- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m
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Project Location
City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-8

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 8 of 30

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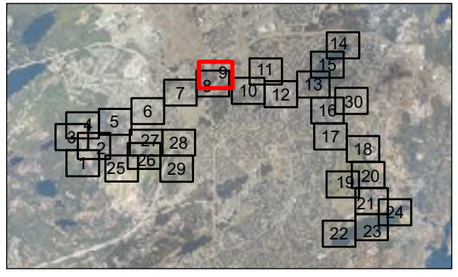
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-9

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 9 of 30

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Legend

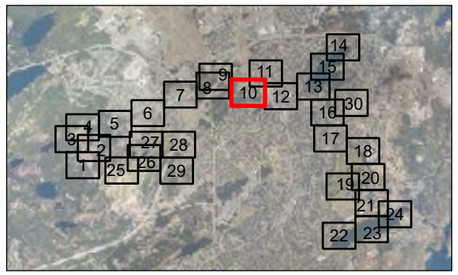
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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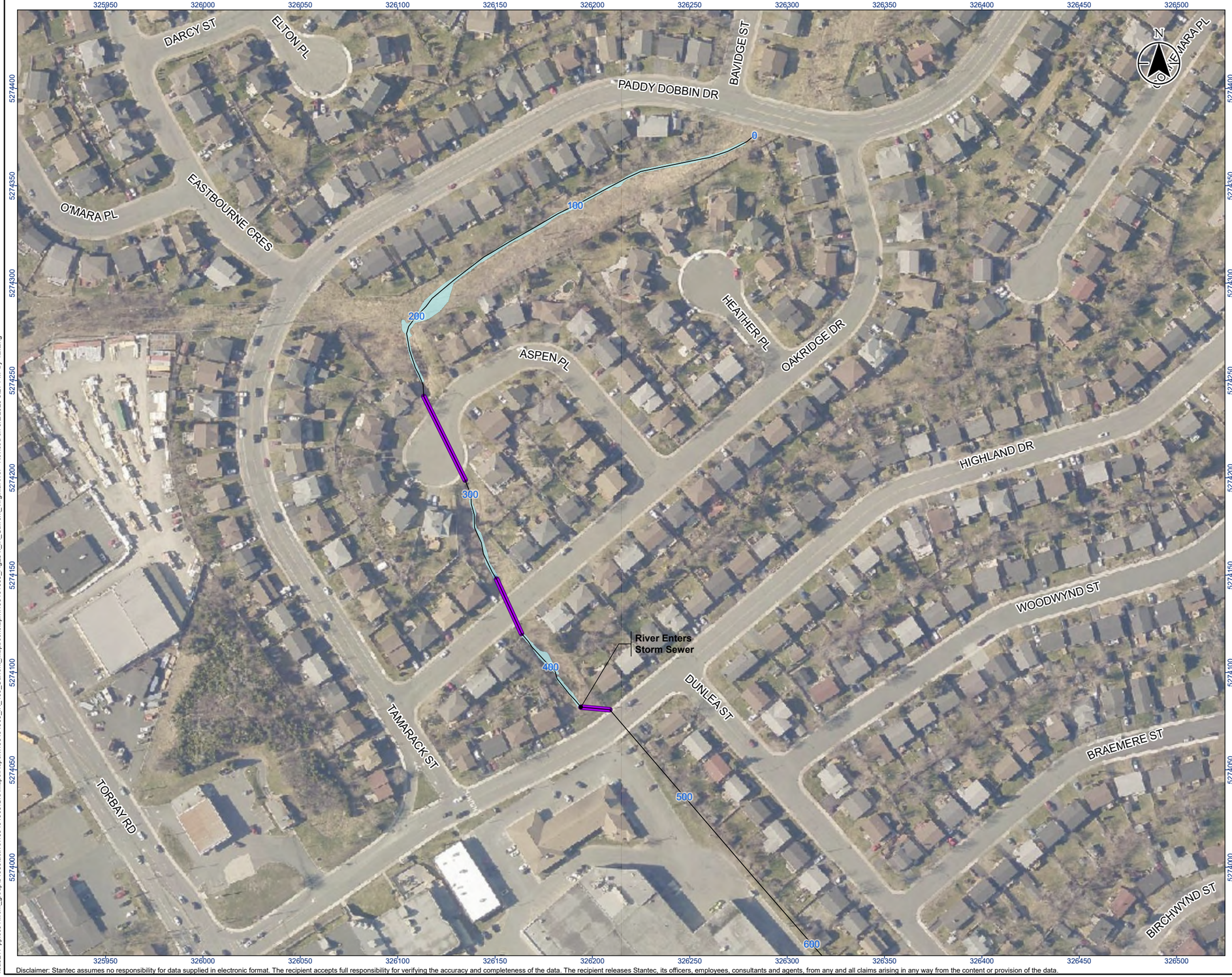
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-10

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 10 of 30

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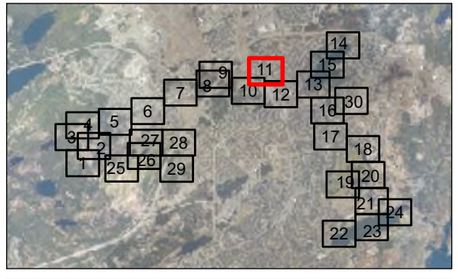
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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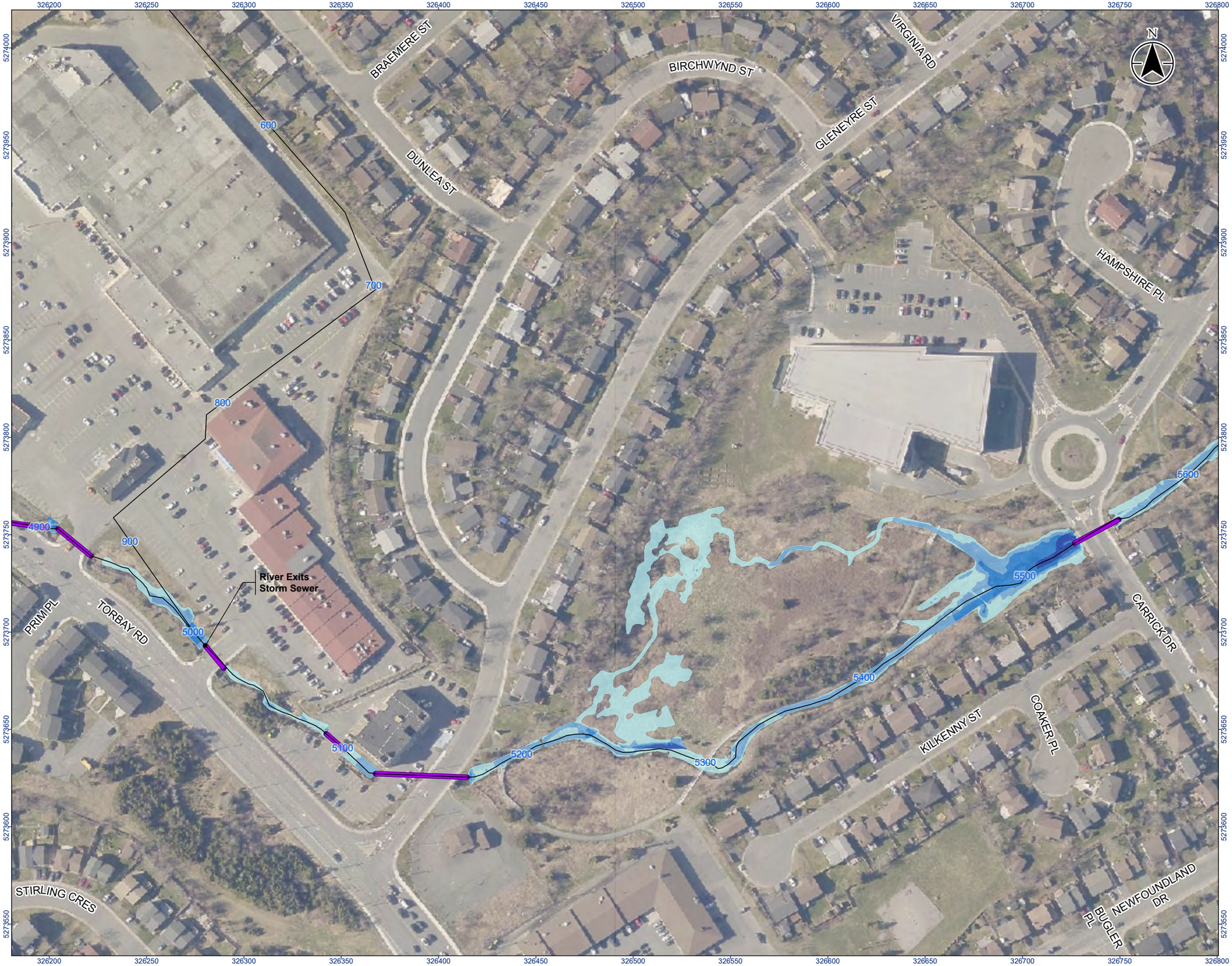
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-11

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 11 of 30

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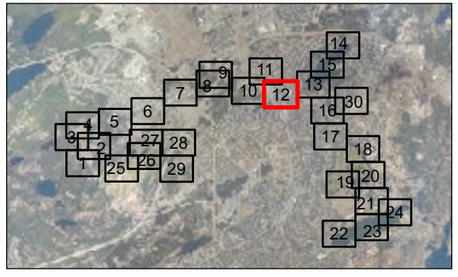
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-12

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 12 of 30

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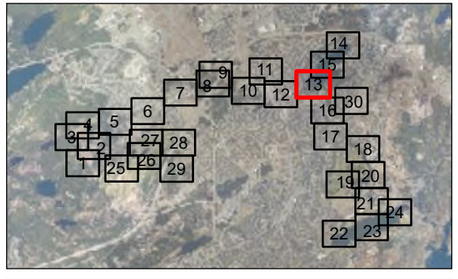
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-13

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 13 of 30

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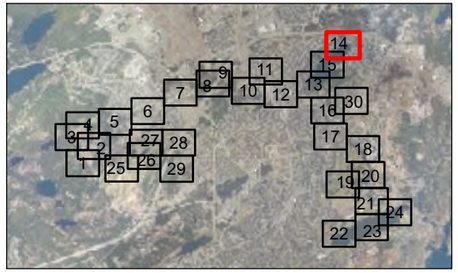
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0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-14

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 14 of 30

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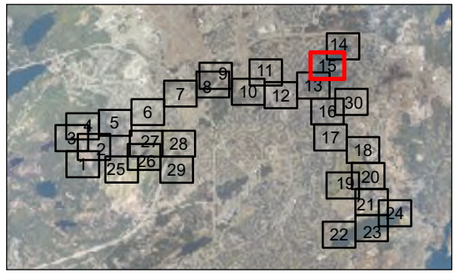
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-15

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 15 of 30

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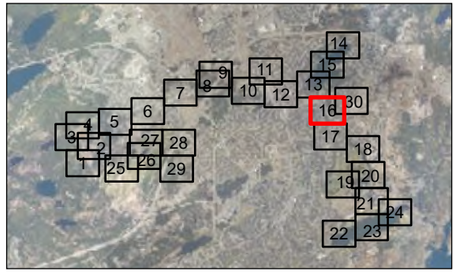
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- River/Creek Centreline
- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m
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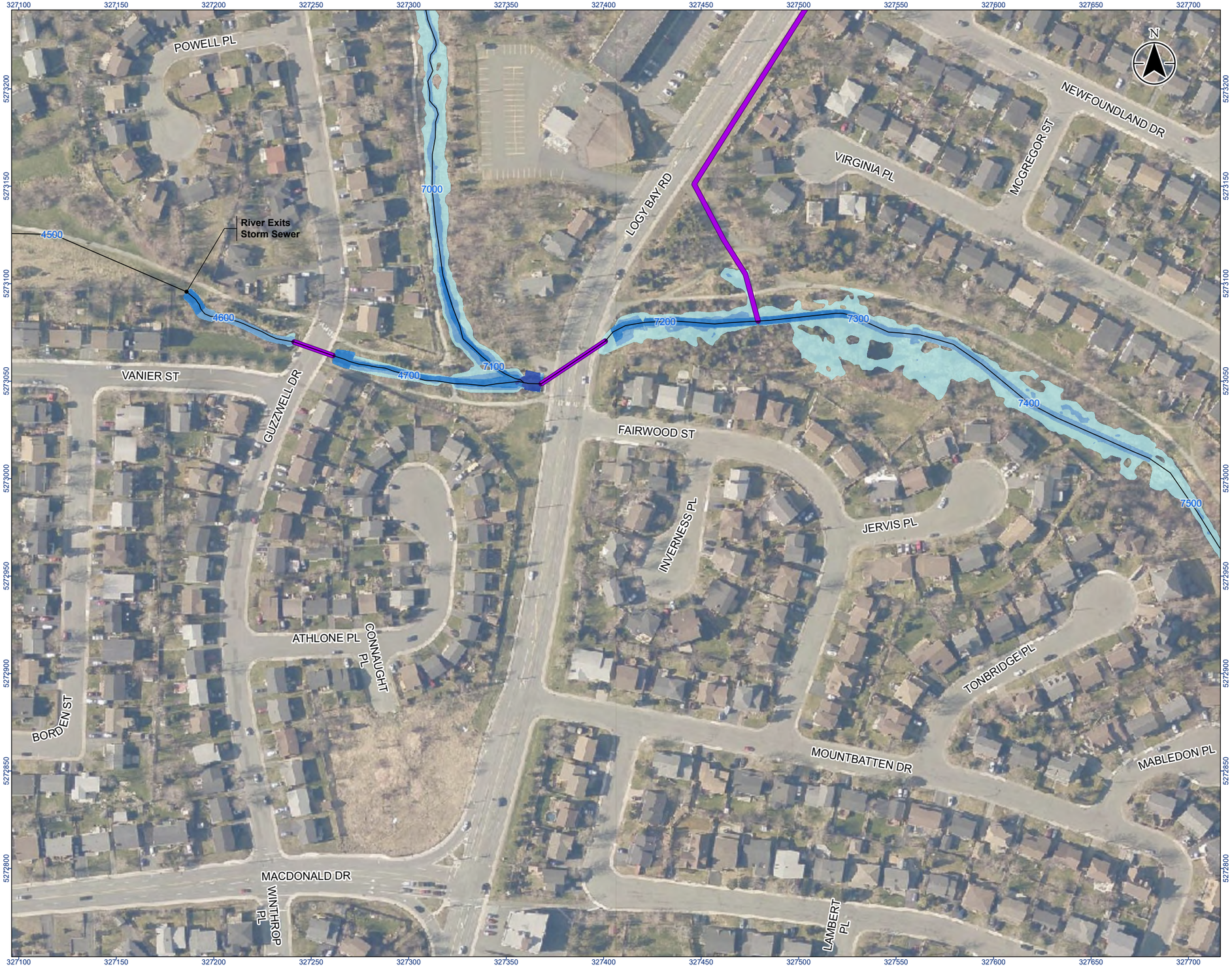
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-16

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 16 of 30

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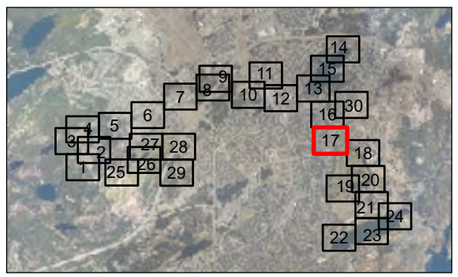
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-17

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 17 of 30

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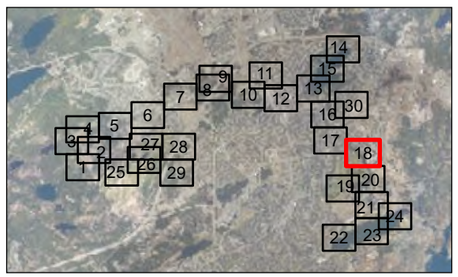
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0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-18

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 18 of 30

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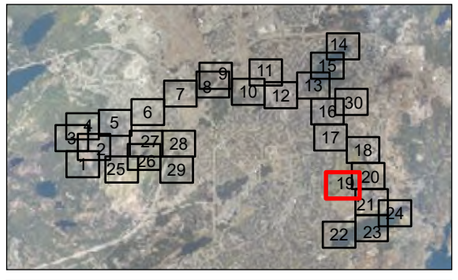
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-19

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 19 of 30

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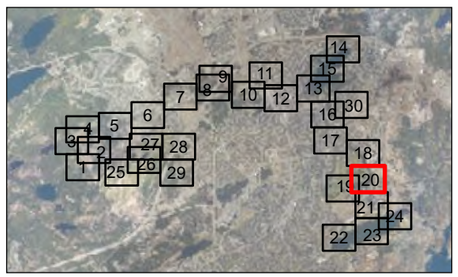
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- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-20

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 20 of 30

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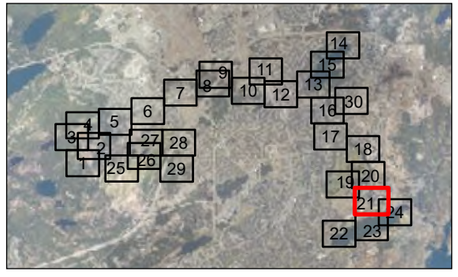
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-21

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 21 of 30

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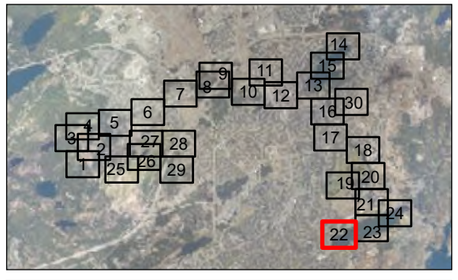
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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City of St. John's

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Prepared by kaitang on 2025-06-03

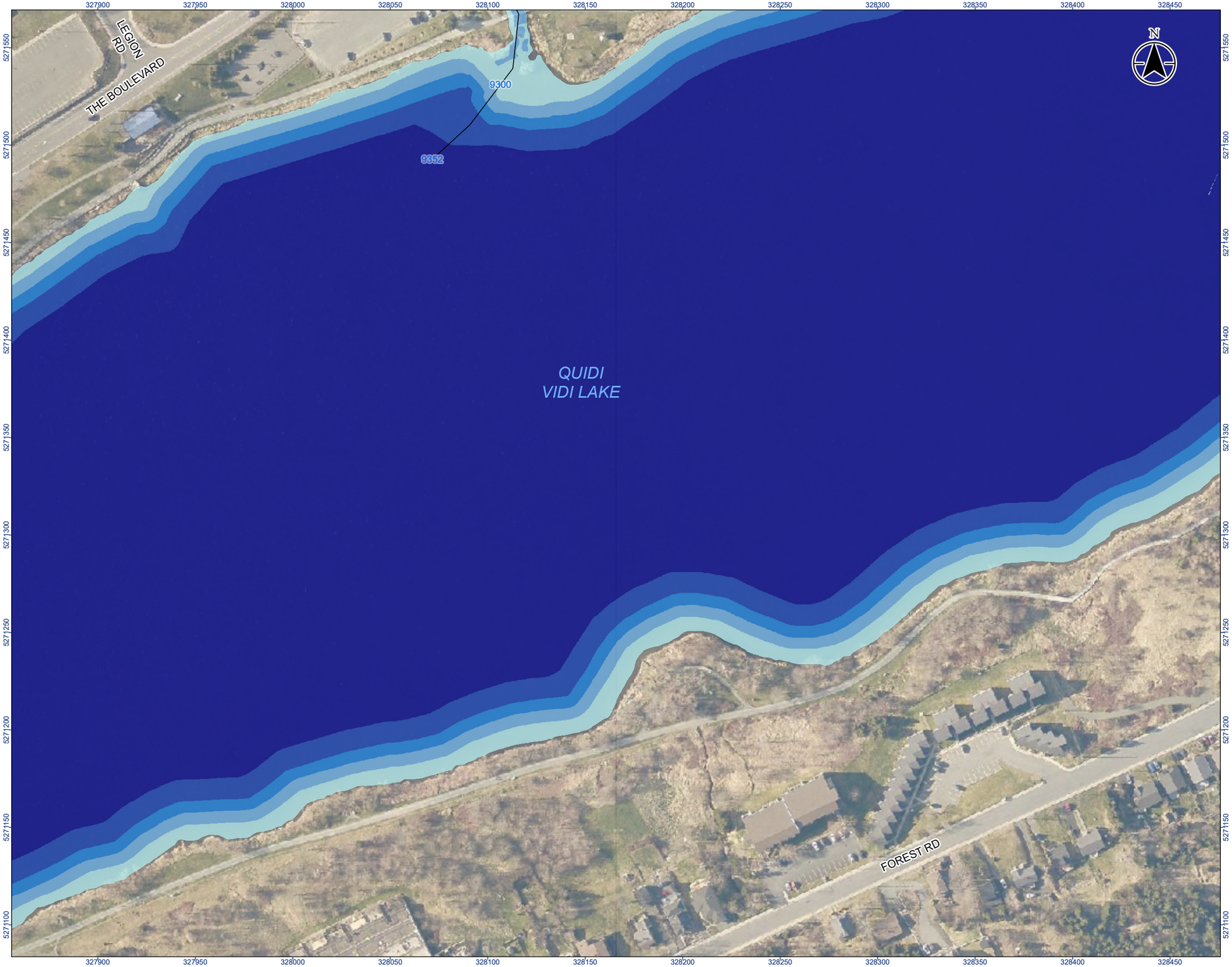
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-22

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 22 of 30

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Legend

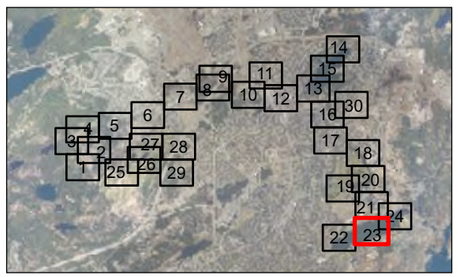
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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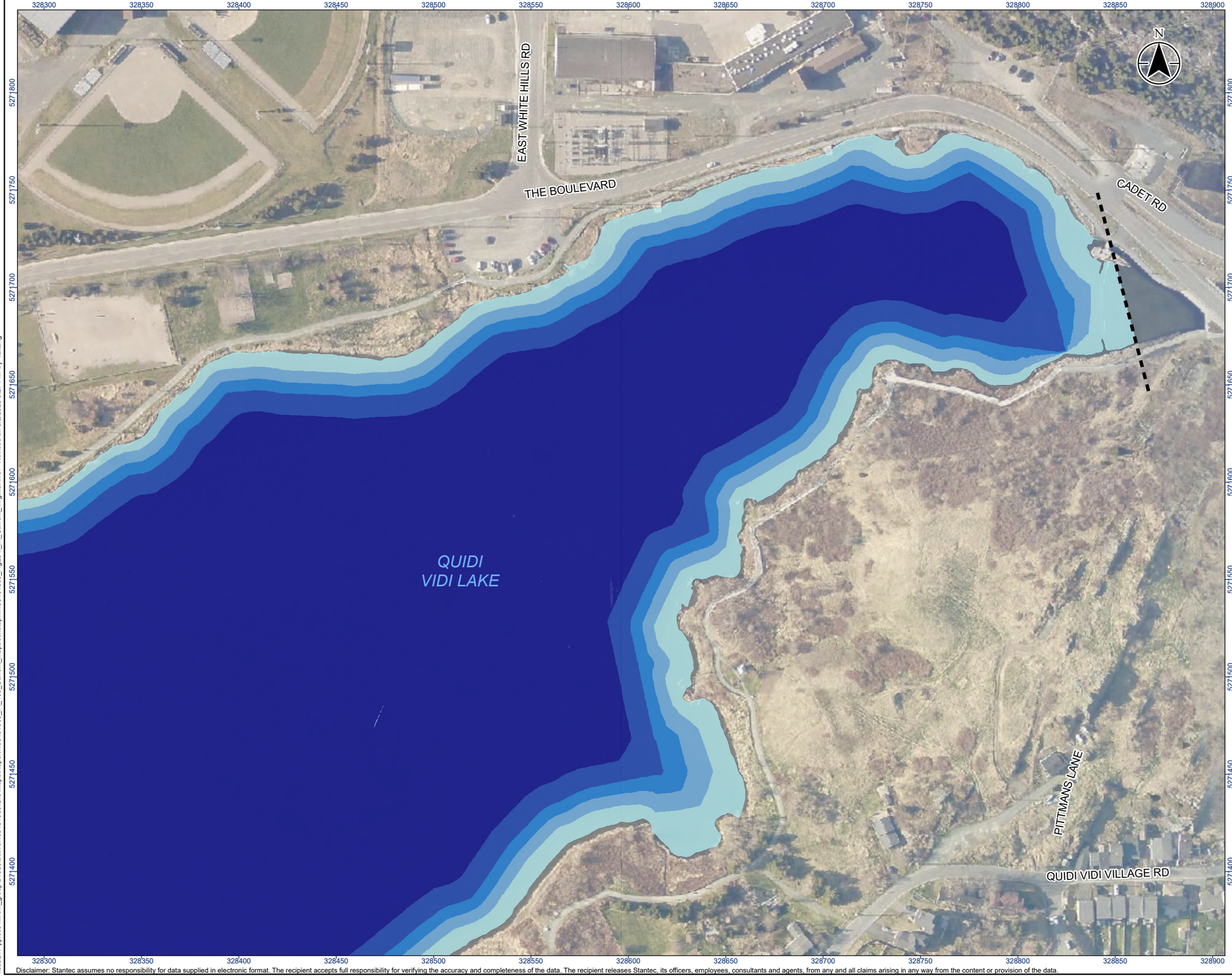
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-23

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 23 of 30

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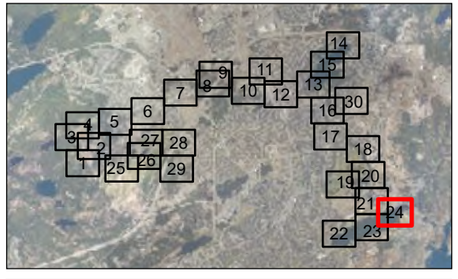
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- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40
m
1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-24

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 24 of 30

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Legend

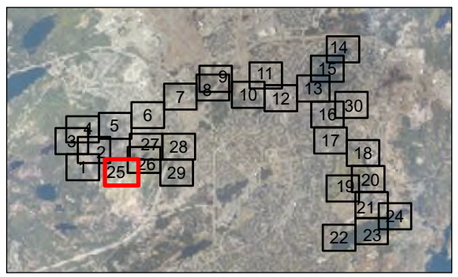
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- Modelled Culvert
- Limit of Mapping
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-25

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 25 of 30

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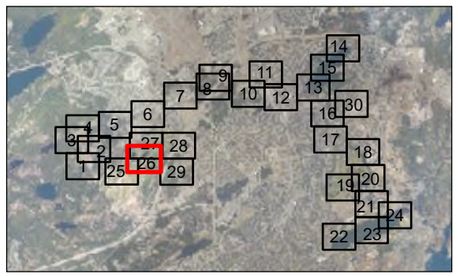
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-26

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 26 of 30

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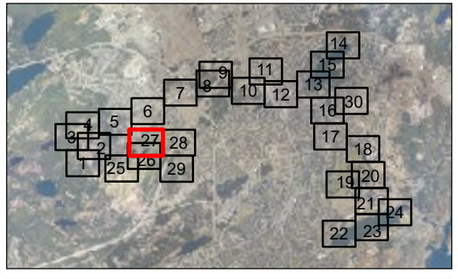
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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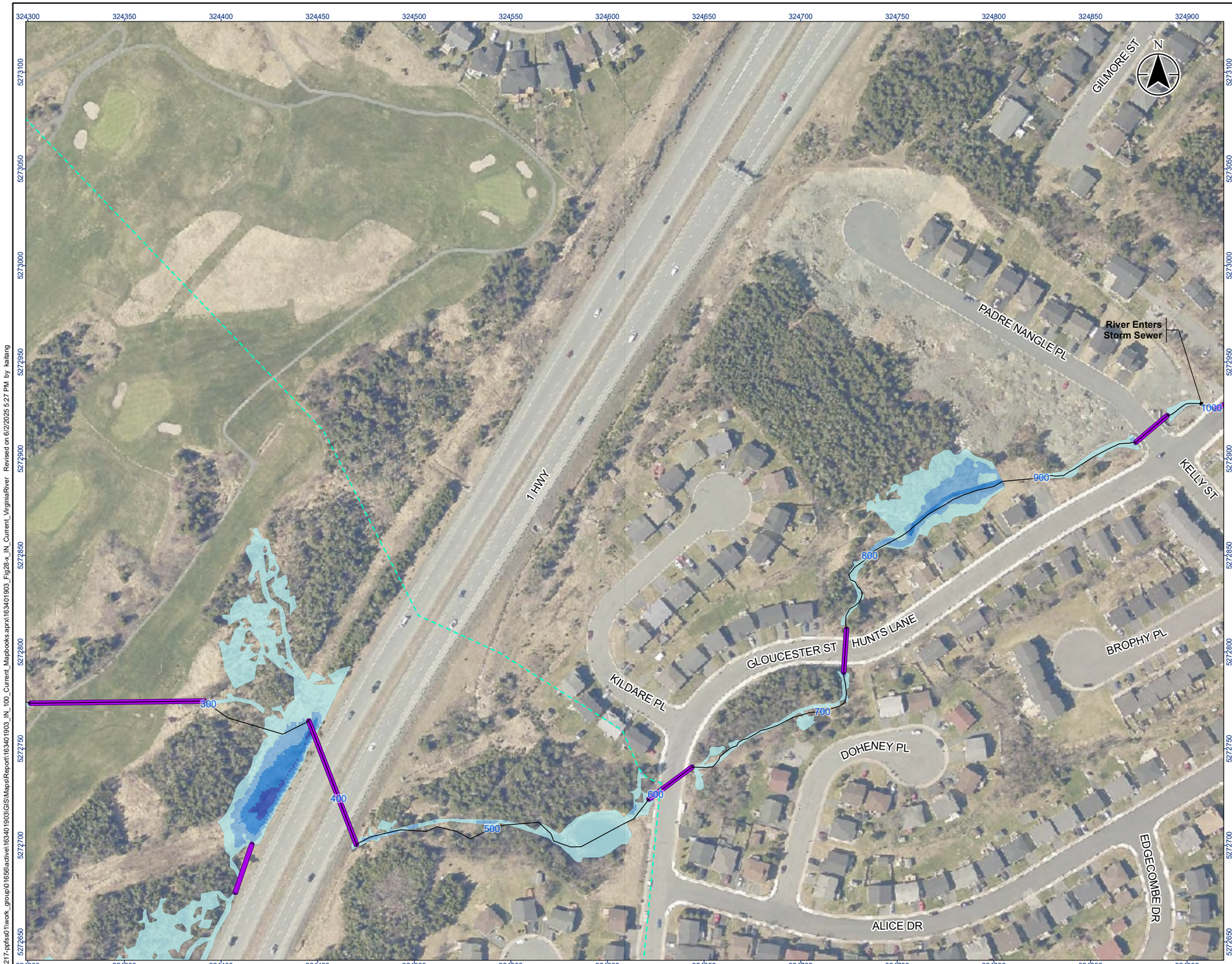
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-27

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 27 of 30

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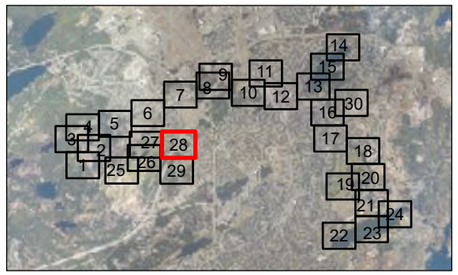
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-28

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 28 of 30

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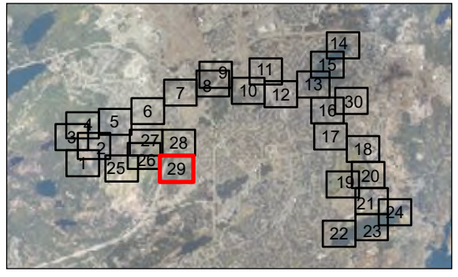
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
28-29

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 29 of 30

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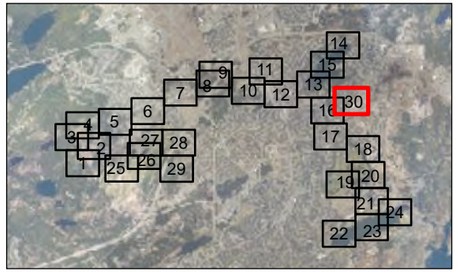
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
28-30

Title
Current Climate Condition
100-Year Inundation - Virginia River
Sheet 30 of 30

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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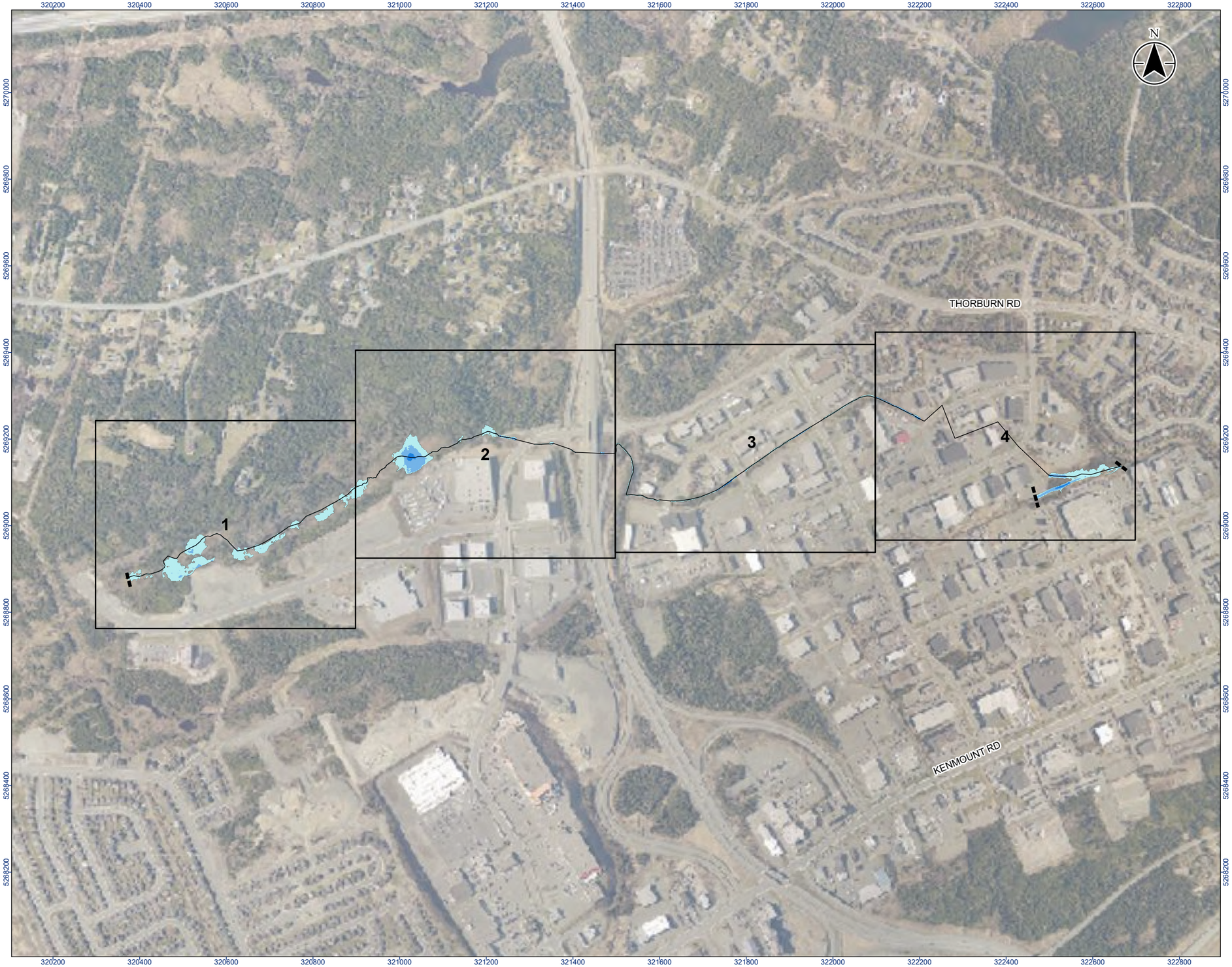
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
29-0

Title
Climate Change Condition
20-Year Inundation - Barrow Road Stream

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 175 350 m

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Prepared by jacwalker on 2024-12-20

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
30-0

Title
Climate Change Condition 20-Year Inundation - Holes In Marsh Brook Overview Map

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Legend

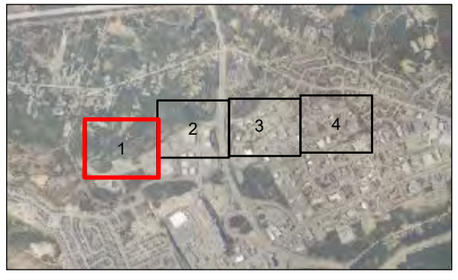
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
30-1

Title
Climate Change Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 1 of 4

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
30-2

Title
Climate Change Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 2 of 4

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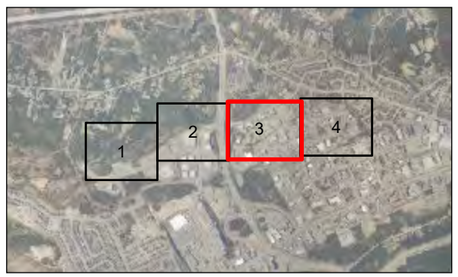
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Prepared by kaitang on 2024-12-19

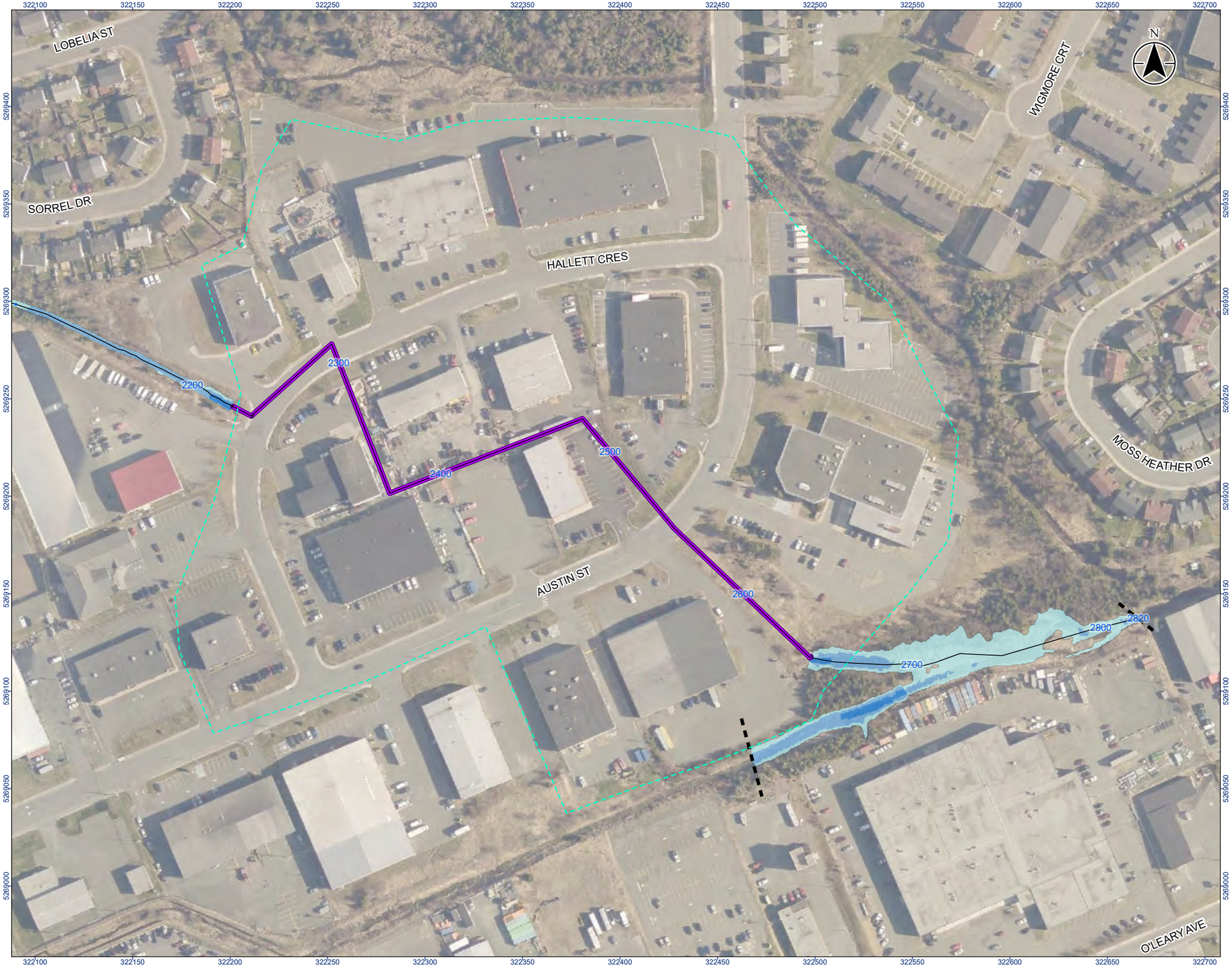
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
30-3

Title
Climate Change Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 3 of 4

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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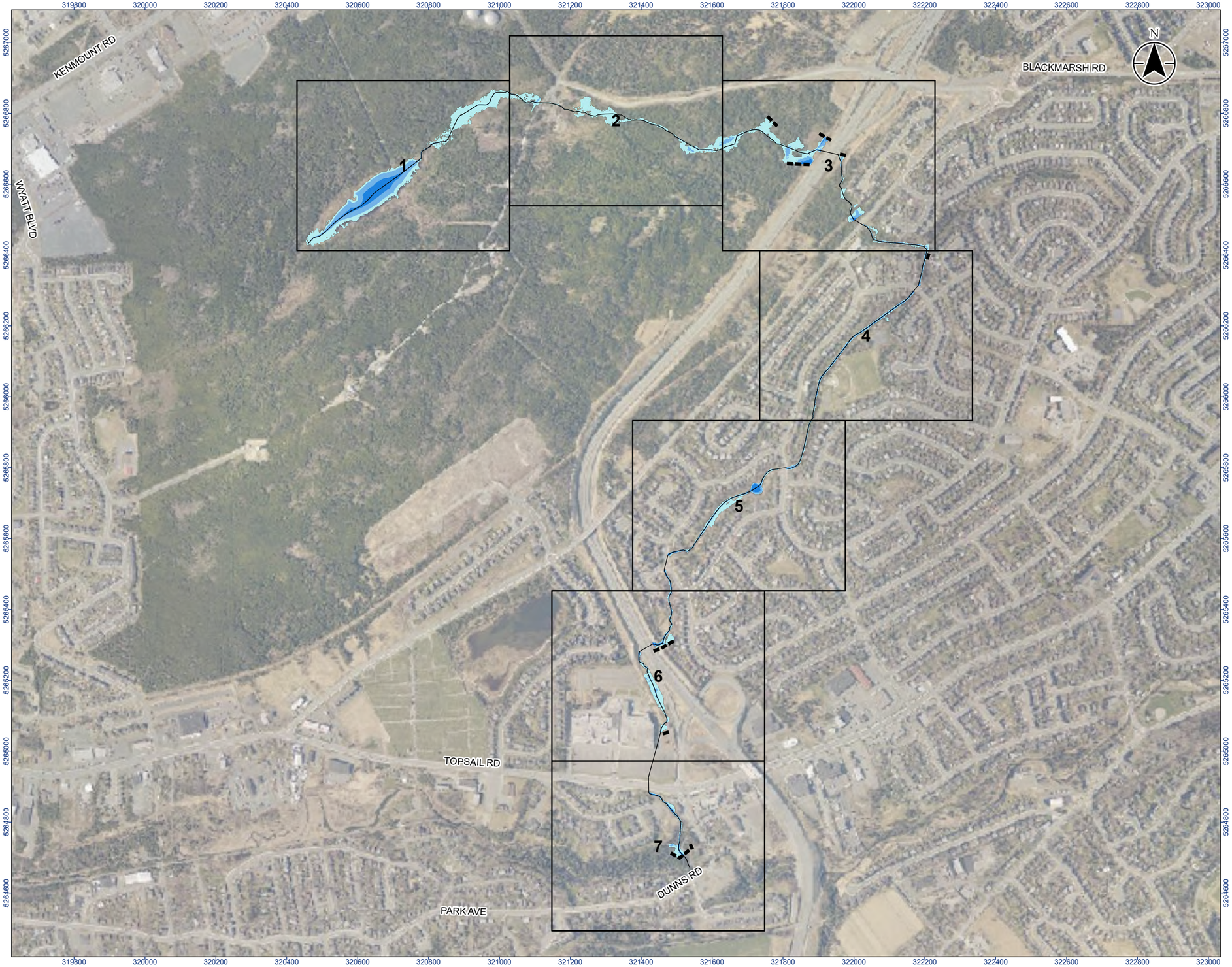
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
30-4

Title
Climate Change Condition
20-Year Inundation - Holes In Marsh Brook
Sheet 4 of 4

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Stantec

Legend

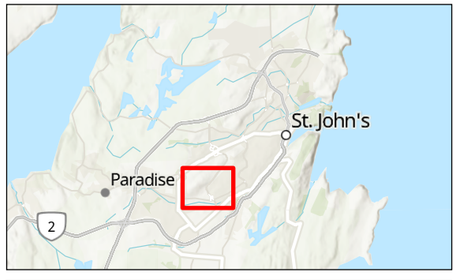
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 210 420 m

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Project Location
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Prepared by jacwalker on 2024-12-20

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-0

Title
Climate Change Condition 20-Year Inundation - Kitty Gaul Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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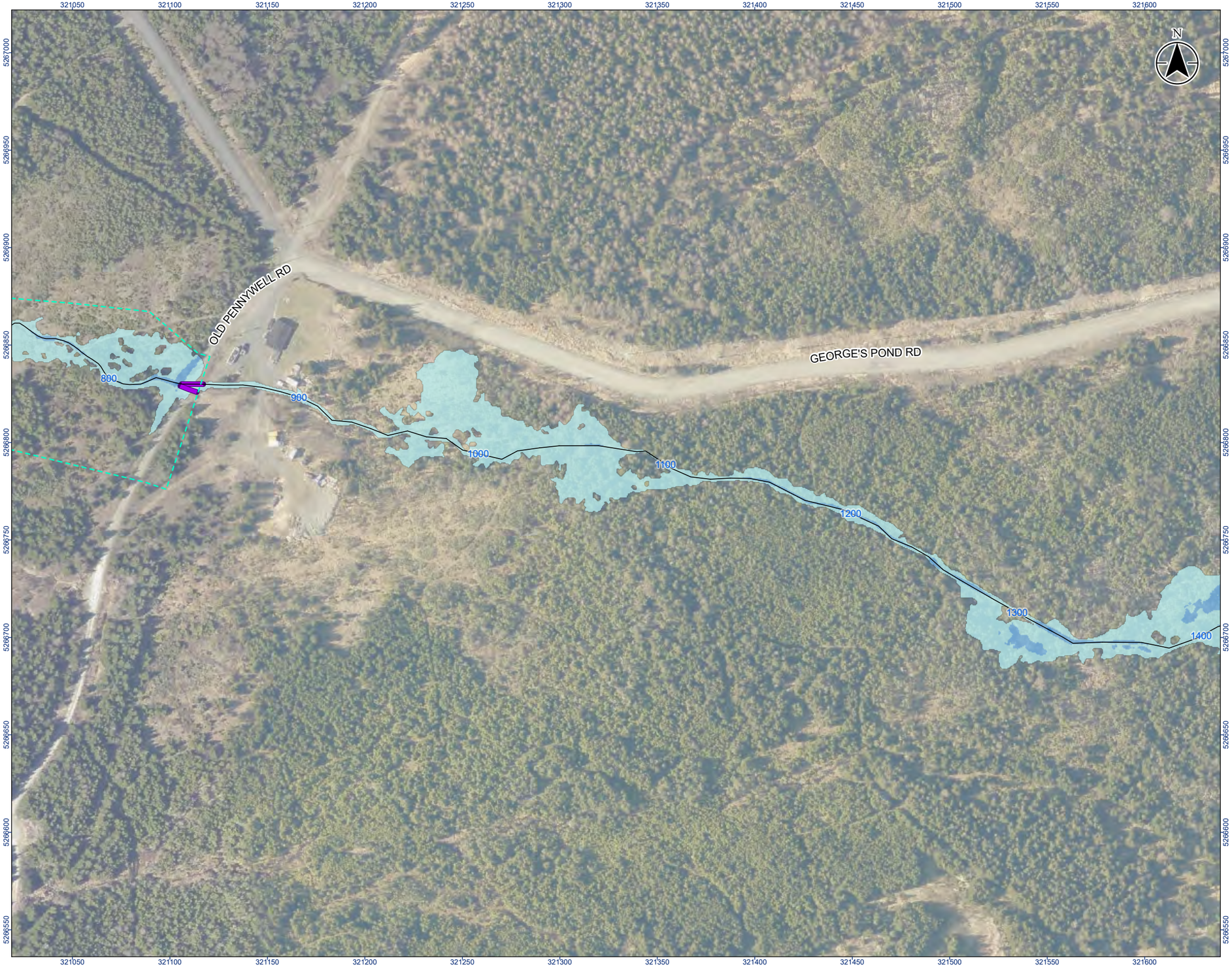
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
31-1

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 1 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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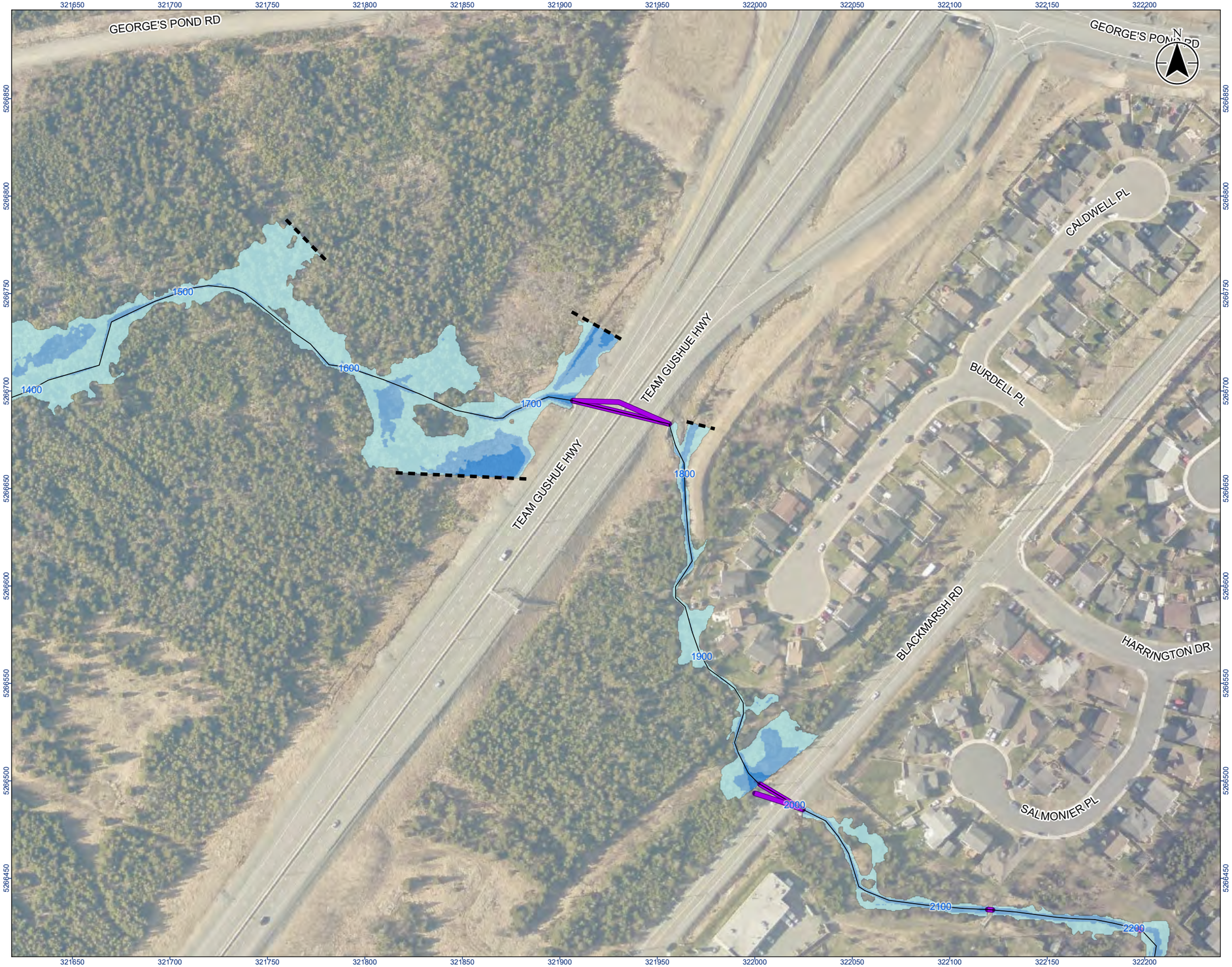
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-2

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 2 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-3

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 3 of 7

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Stantec

Legend

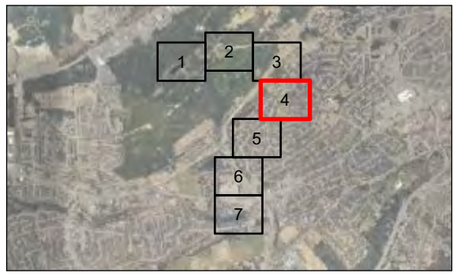
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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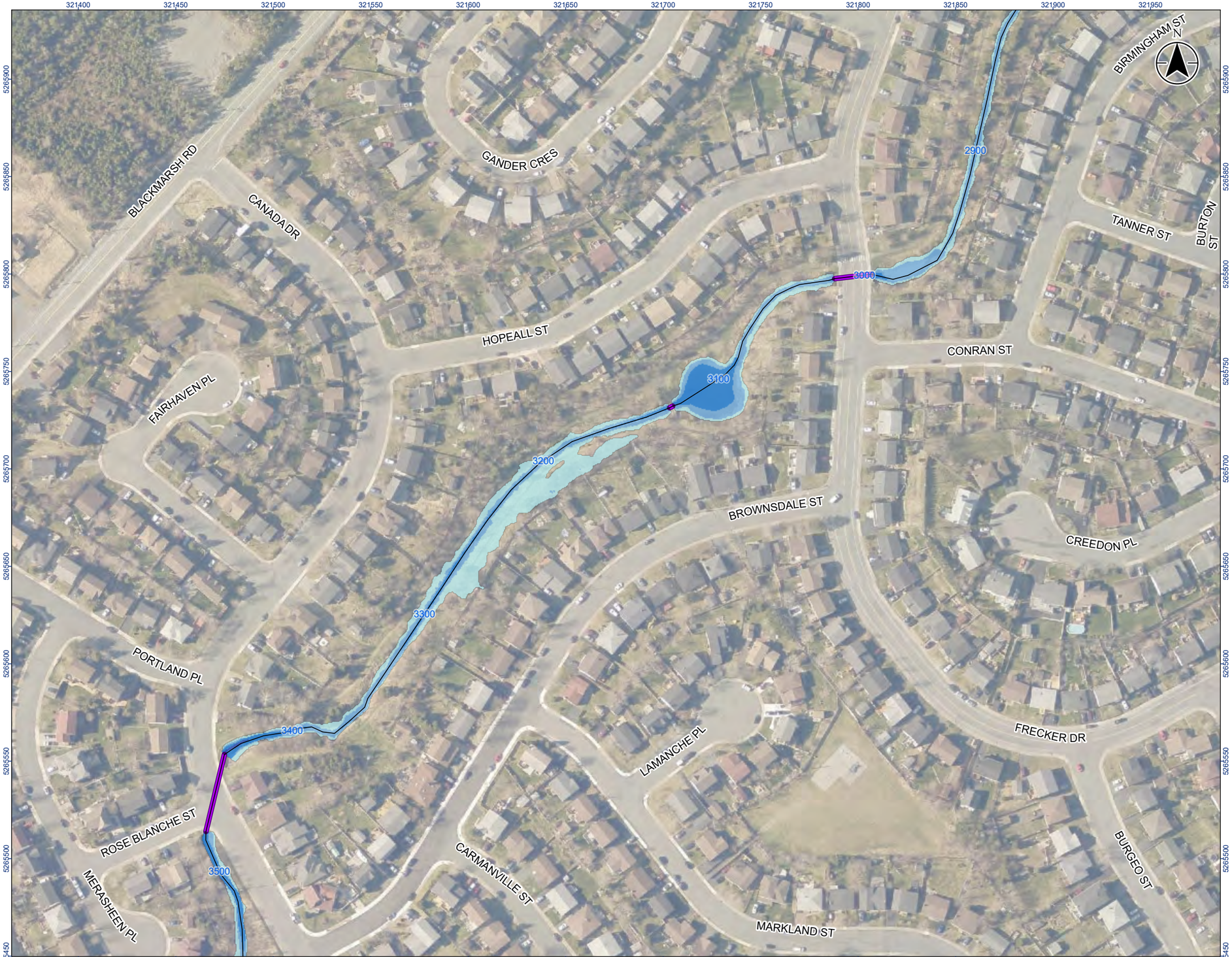
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-4

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-5

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-6

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 6 of 7

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Stantec

Legend

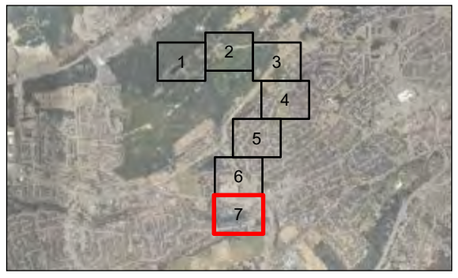
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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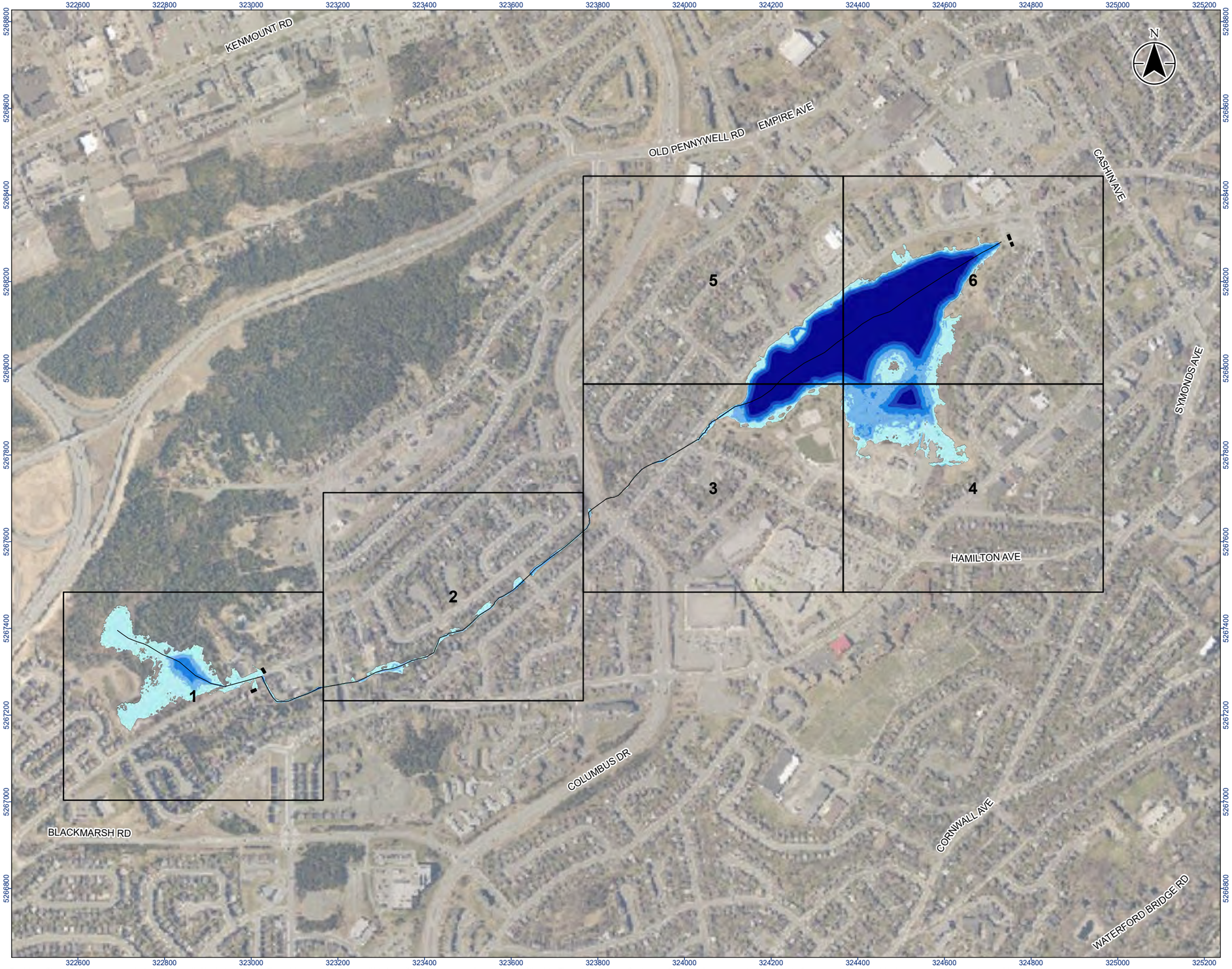
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
31-7

Title
Climate Change Condition
20-Year Inundation - Kitty Gaul Brook
Sheet 7 of 7

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 175 350 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-0

Title
Climate Change Condition 20-Year Inundation - Mundy Pond Brook Overview Map

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Prepared by kaitang on 2025-06-02

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-1

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 1 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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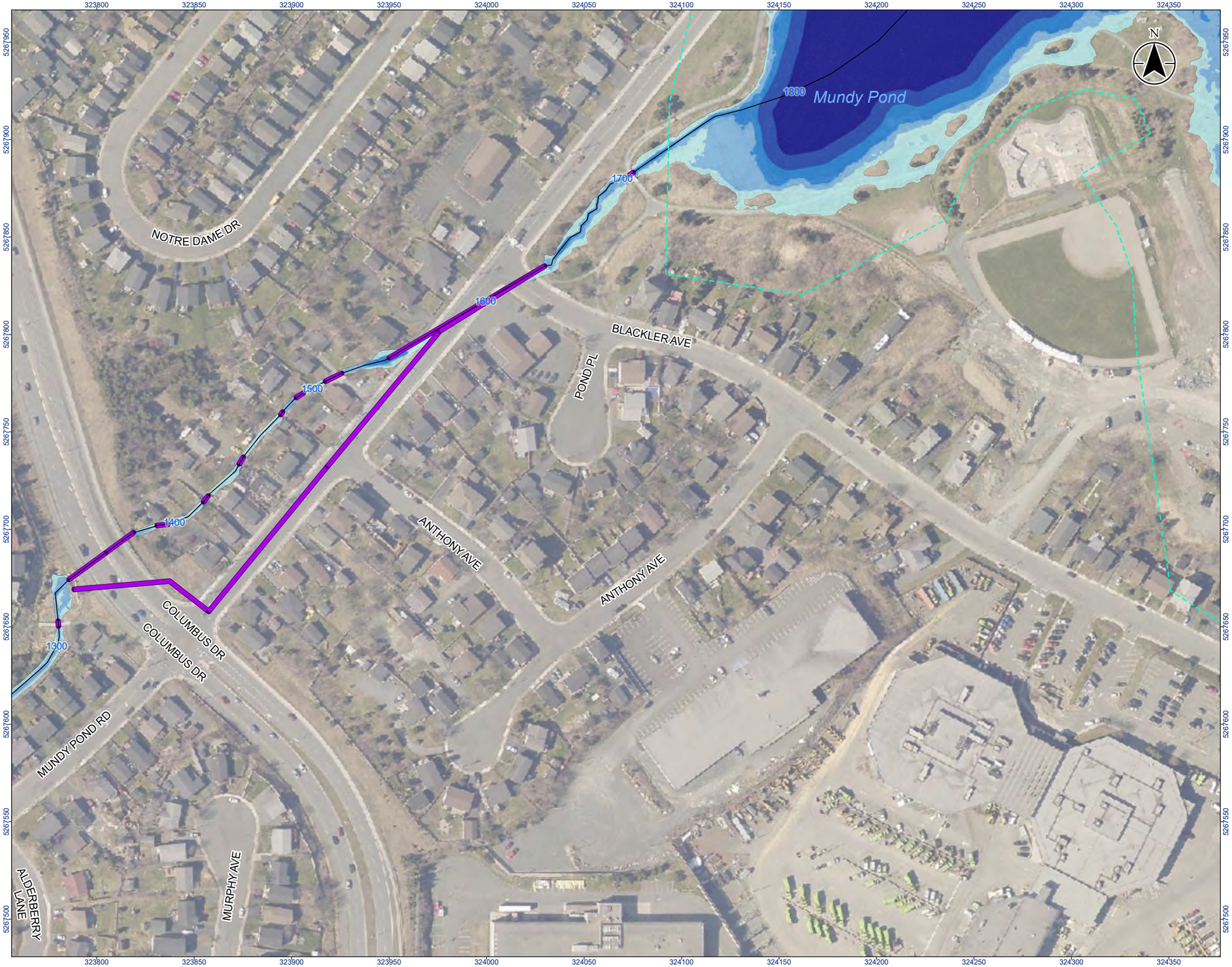
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-2

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 2 of 6

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Legend

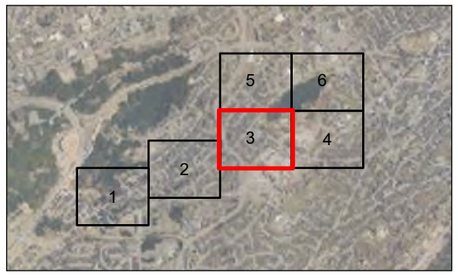
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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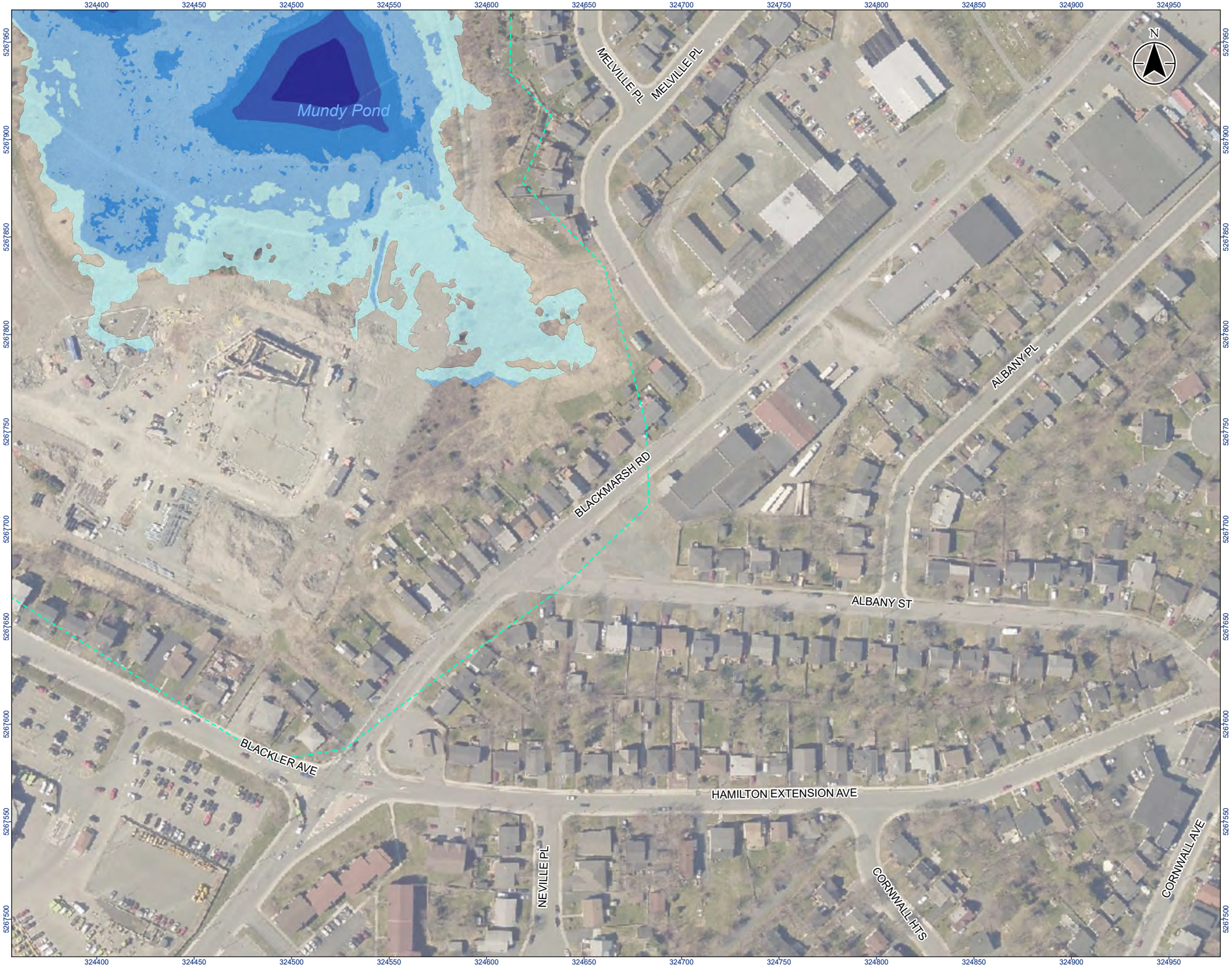
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-3

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 3 of 6

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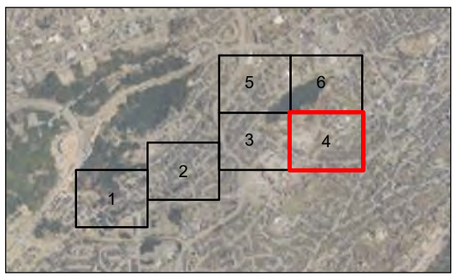
Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes
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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-4

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 4 of 6

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Legend

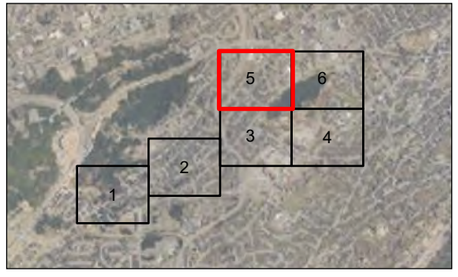
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

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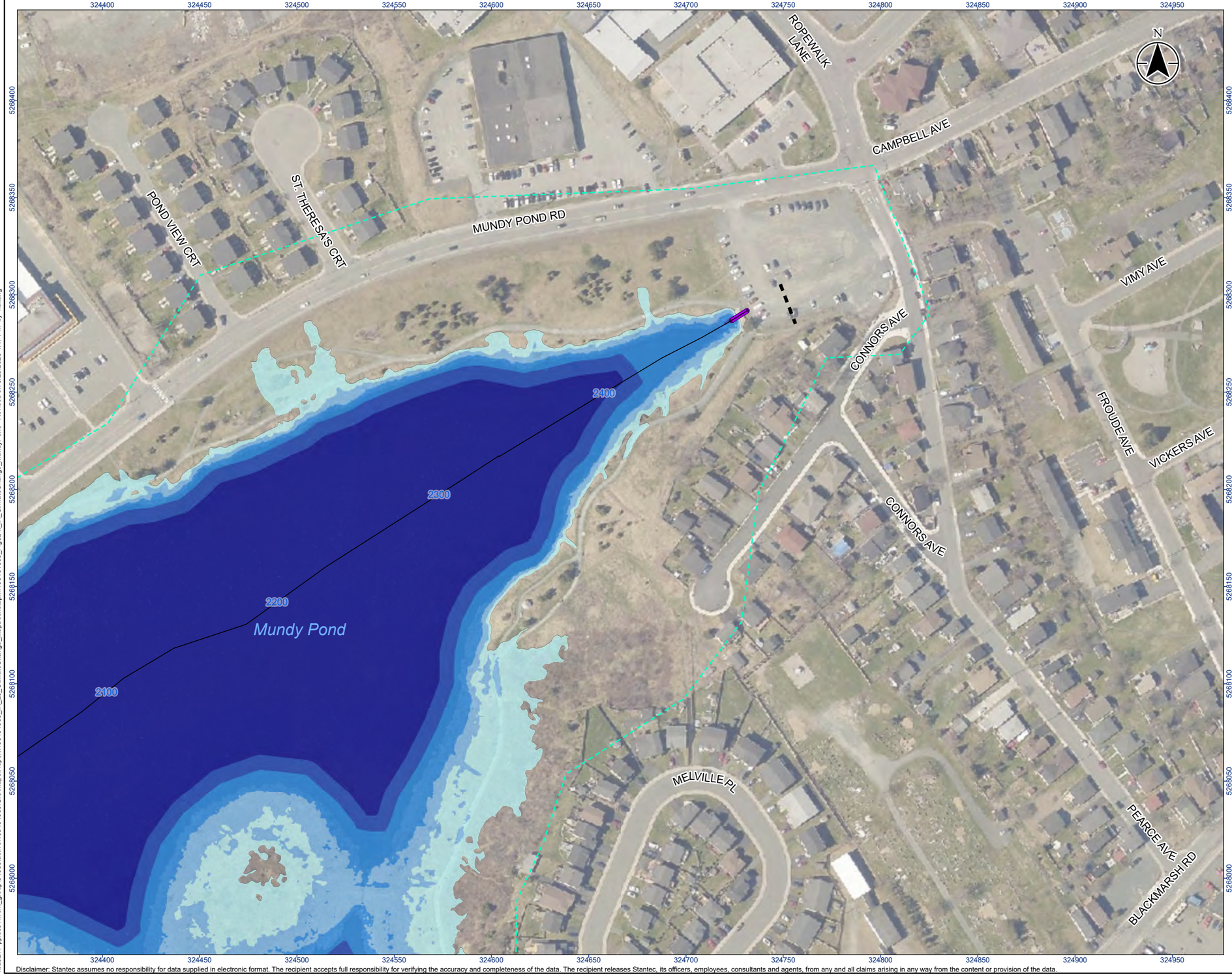
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-5

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 5 of 6

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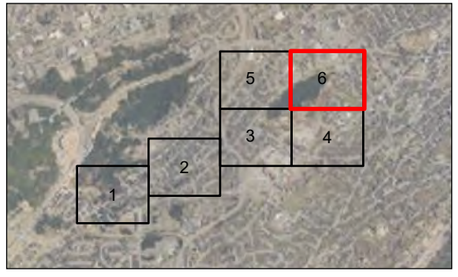
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-02

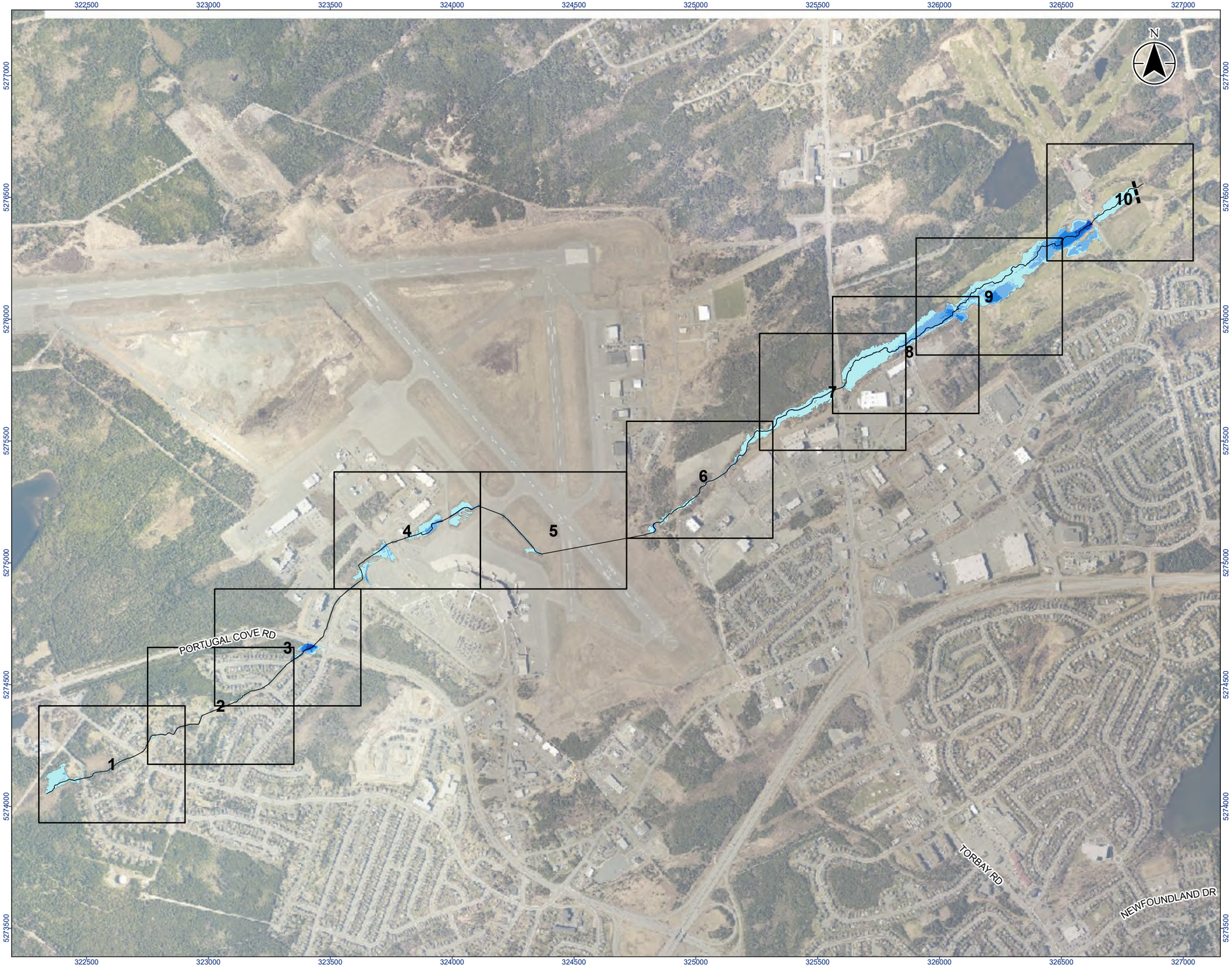
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
32-6

Title
Climate Change Condition
20-Year Inundation - Mundy Pond Brook
Sheet 6 of 6

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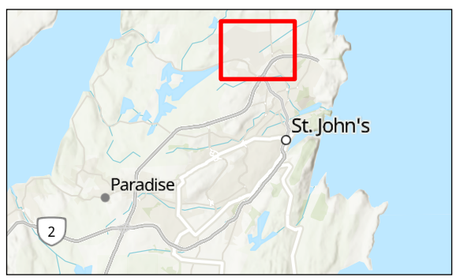
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- Limit of Mapping
- Map Extents
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 310 620 m

1:16,000 (At original document size of 11x17)

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Project Location
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163401903_REVA
Prepared by jacwalker on 2024-12-20

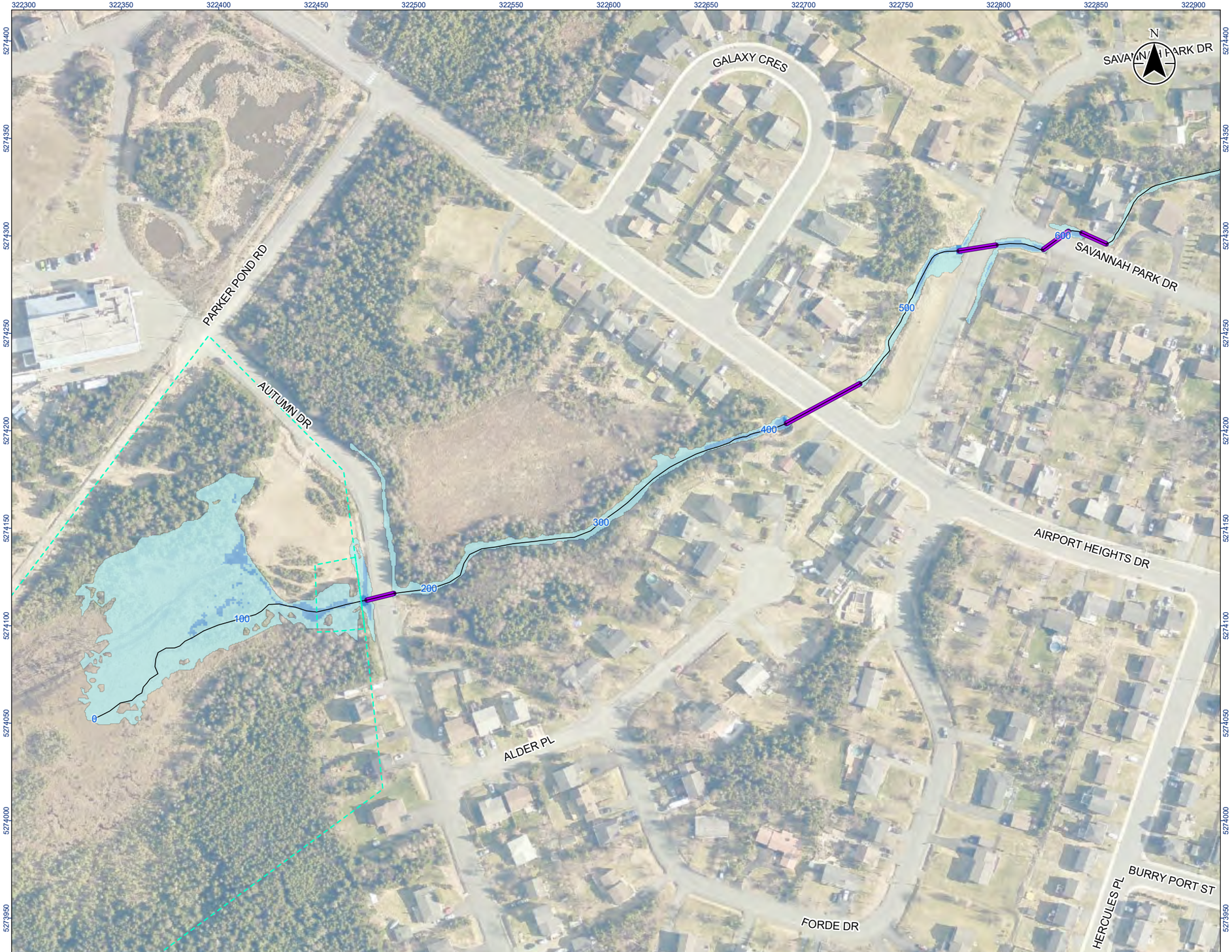
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-0

Title
Climate Change Condition 20-Year Inundation - Outer Cove Brook Overview Map

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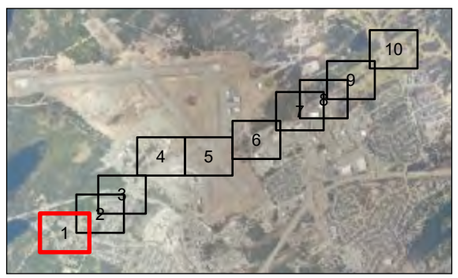
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-1

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 1 of 10

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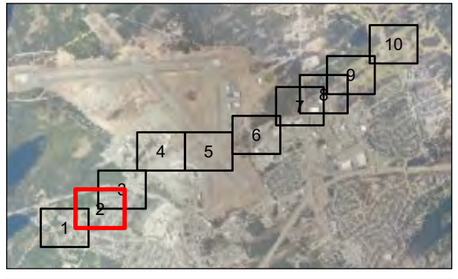
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
33-2

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 2 of 10

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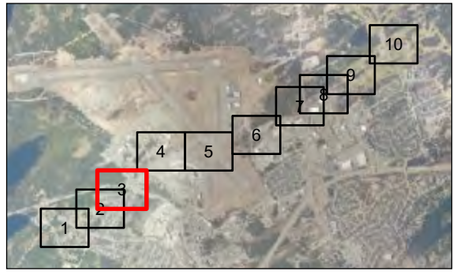
Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-3

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 3 of 10

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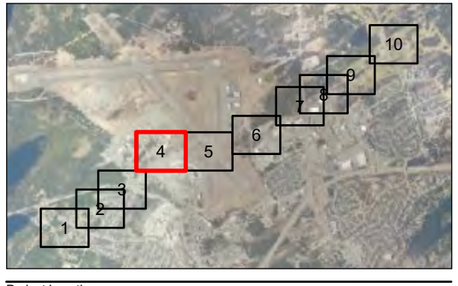
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- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40
m
1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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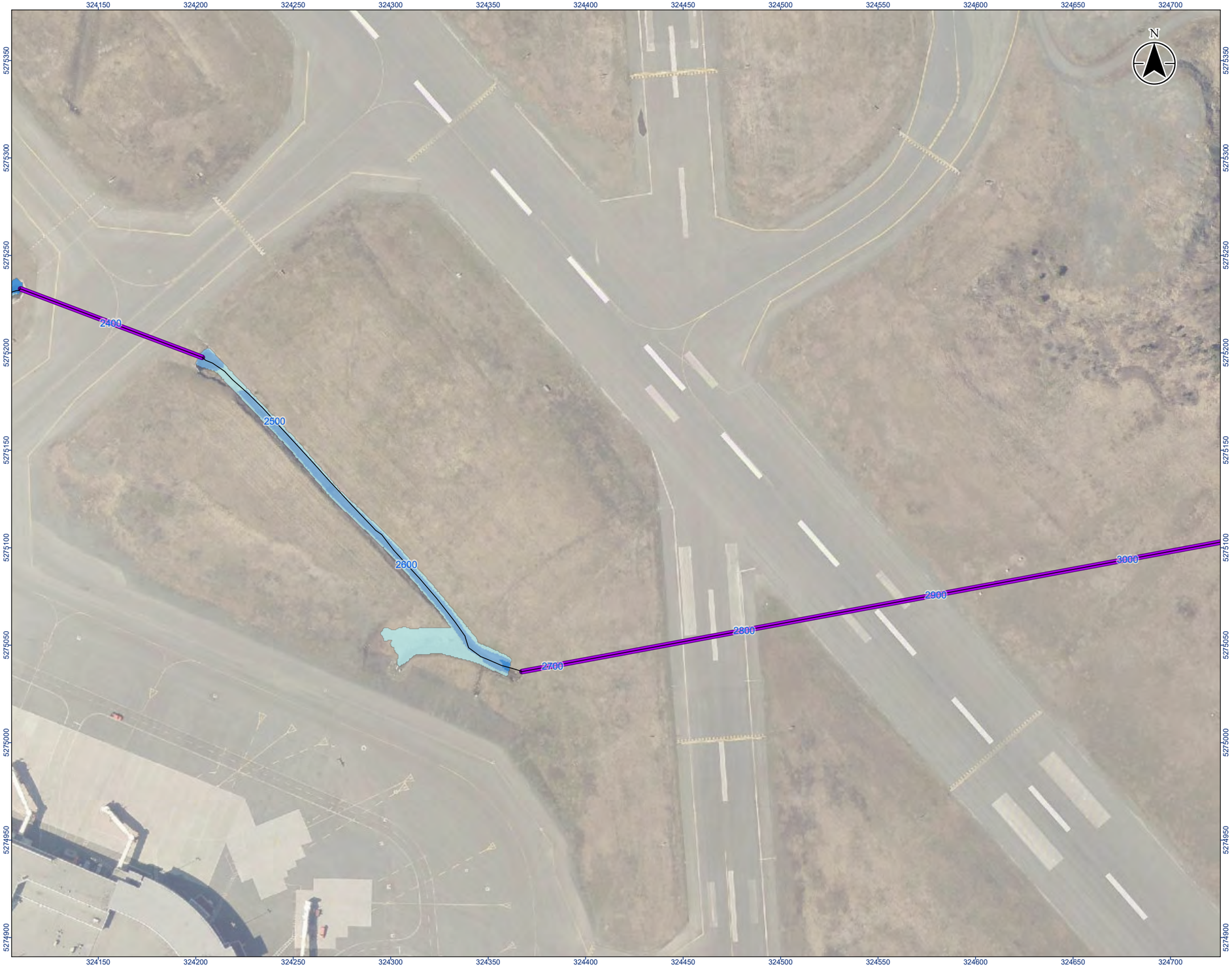
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-4

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 4 of 10

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Stantec

Legend

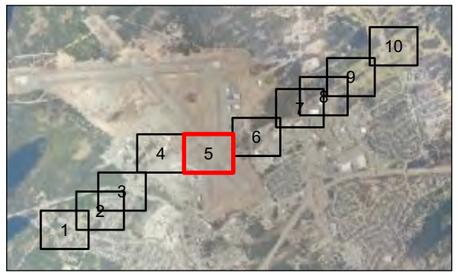
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-5

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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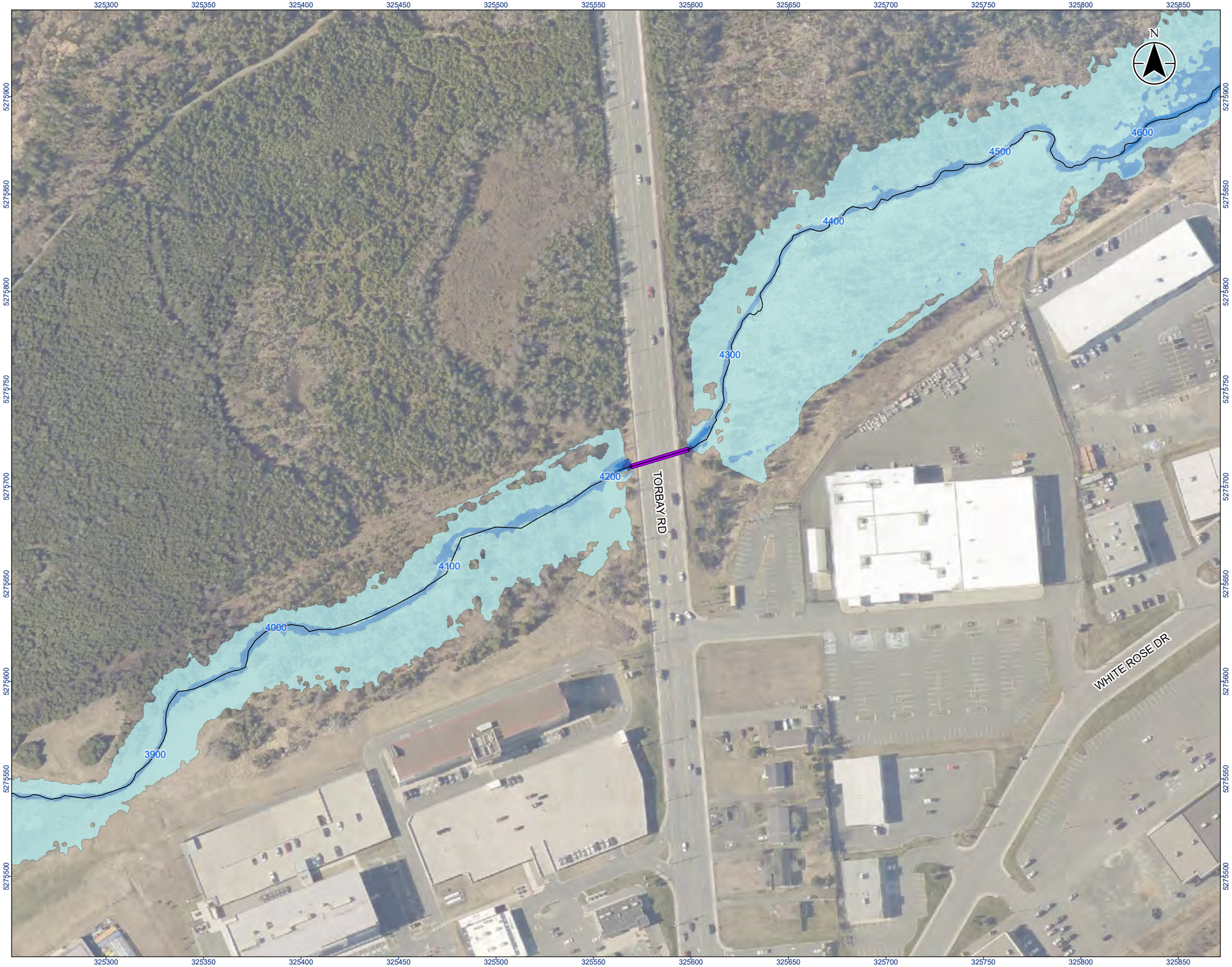
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-6

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 6 of 10

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Legend

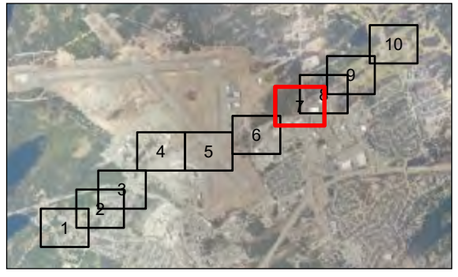
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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City of St. John's

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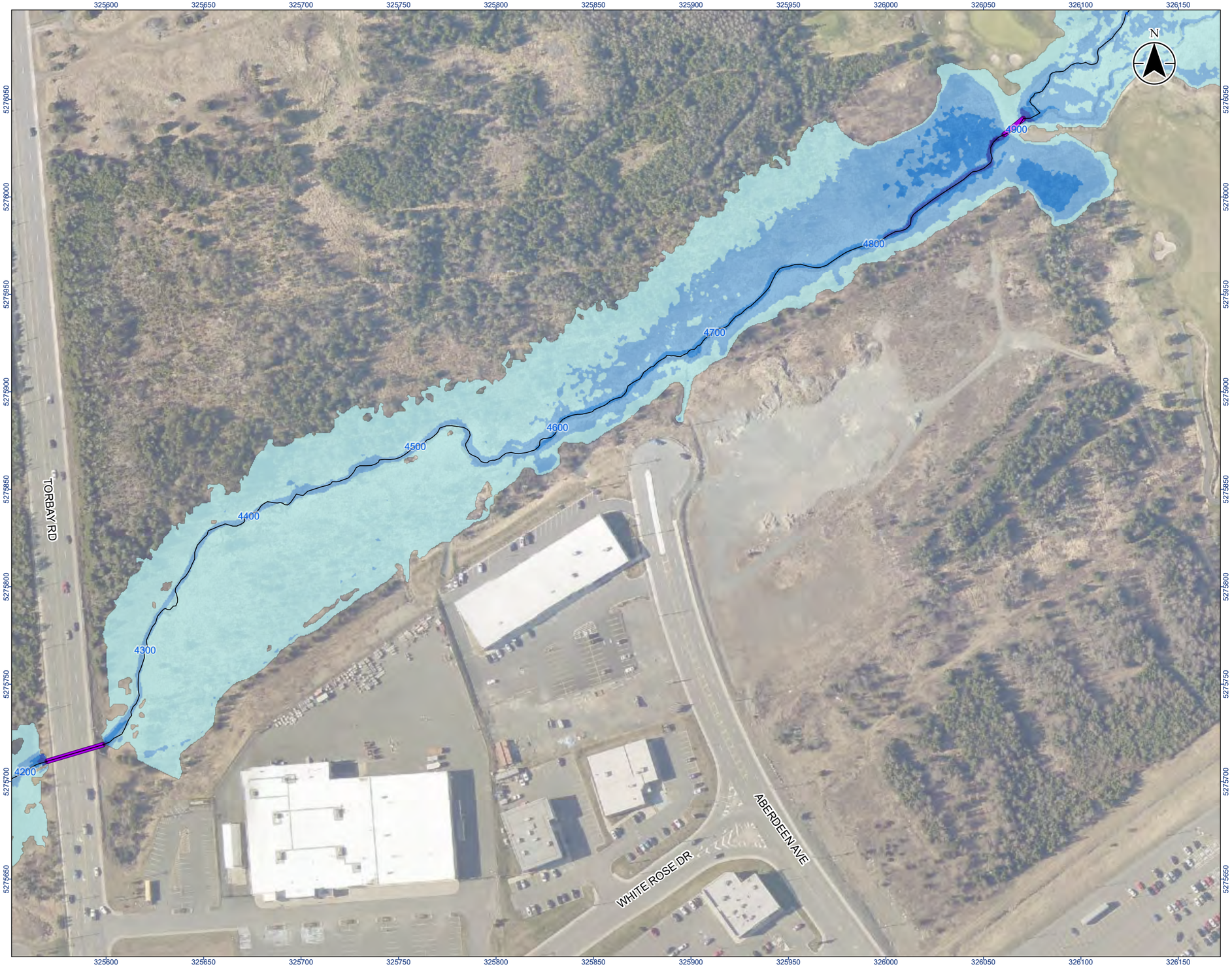
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-7

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 7 of 10

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Stantec

Legend

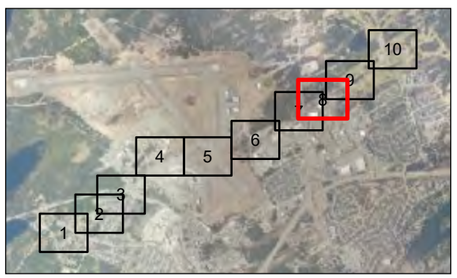
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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163401903 REVA
Prepared by kaitang on 2024-12-19

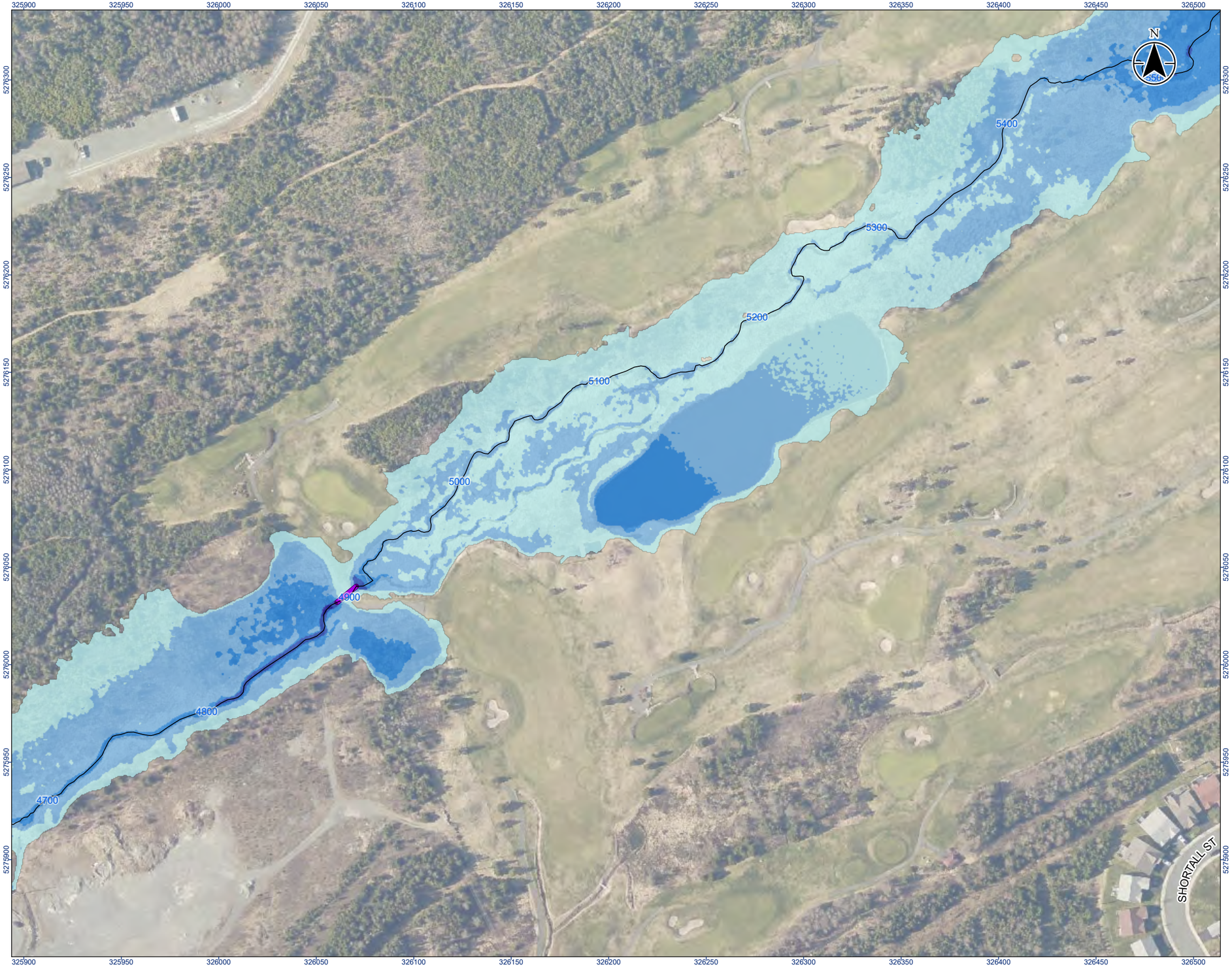
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-8

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 8 of 10

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Stantec

Legend

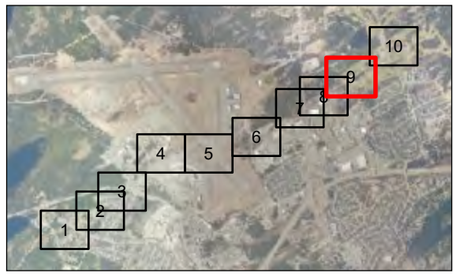
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

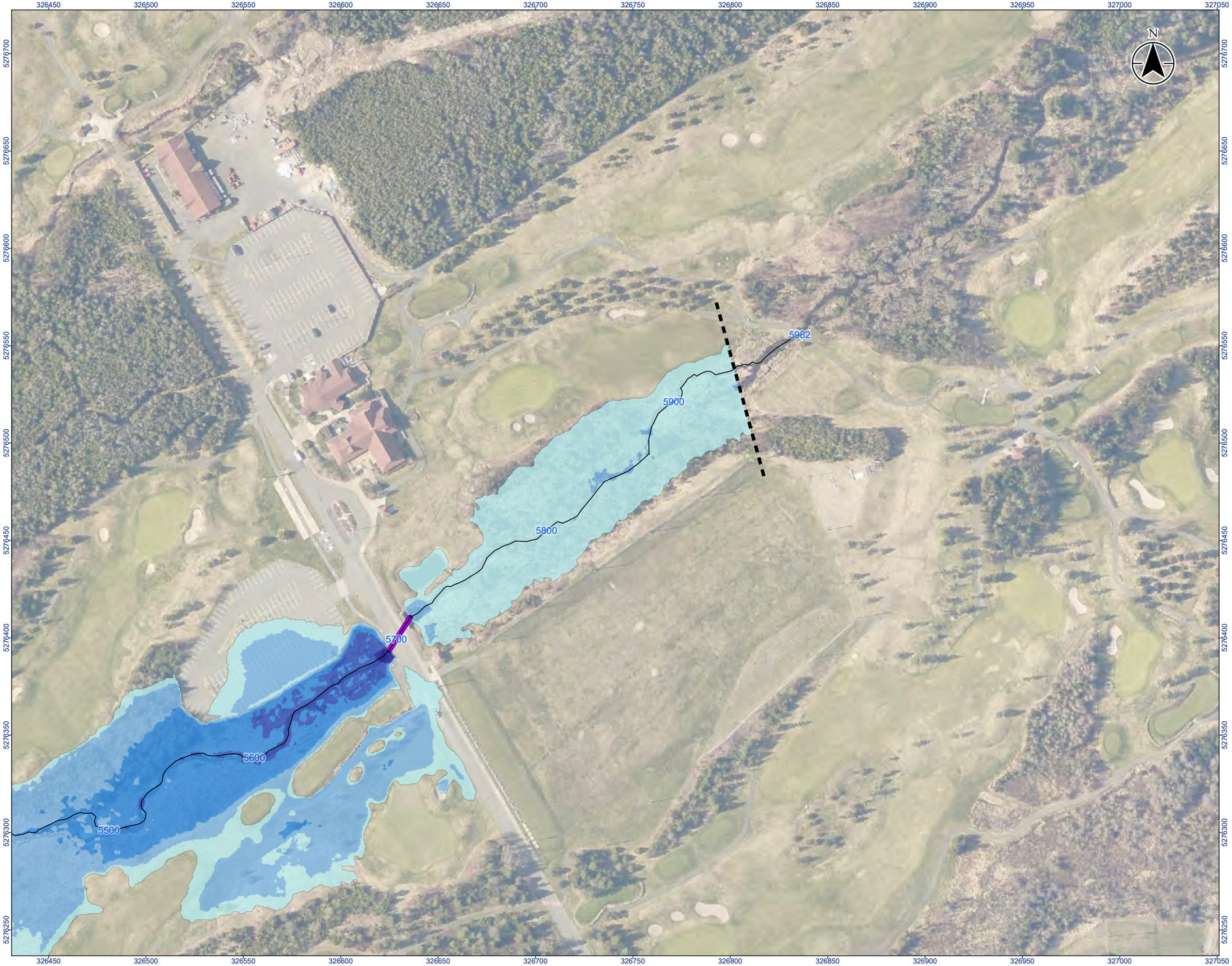
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-9

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 9 of 10

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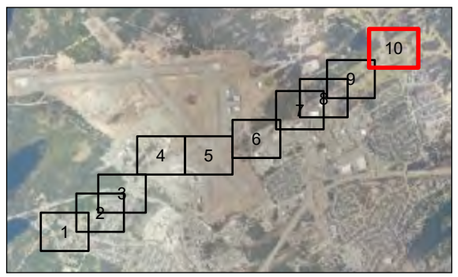
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
33-10

Title
Climate Change Condition
20-Year Inundation - Outer Cove Brook
Sheet 10 of 10

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5262400 5262200 5262000 5261800 5261600 5261400 5261200

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1 2 3

Stantec

Legend

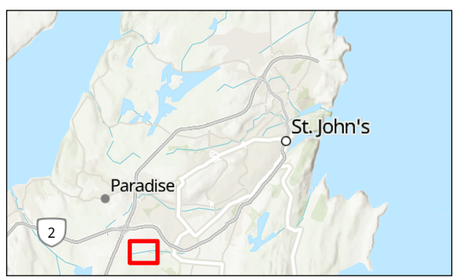
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 20 Year Depth - 0.0 - 0.5 m
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 110 220 m

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Project Location
City of St. John's

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Prepared by kaitang on 2025-04-01

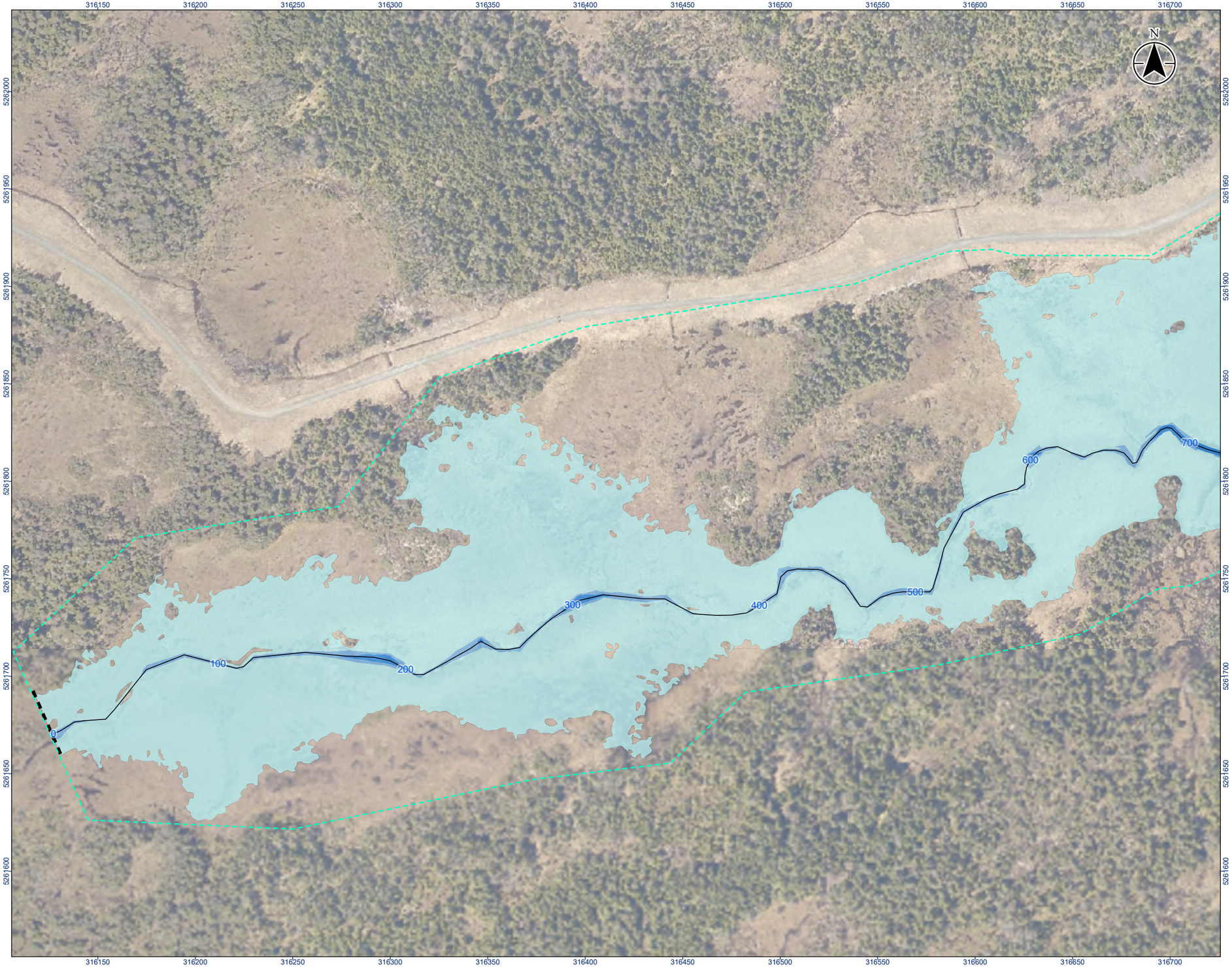
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
34-0

Title
Climate Change Condition 20-Year Inundation - South Brook Overview Map

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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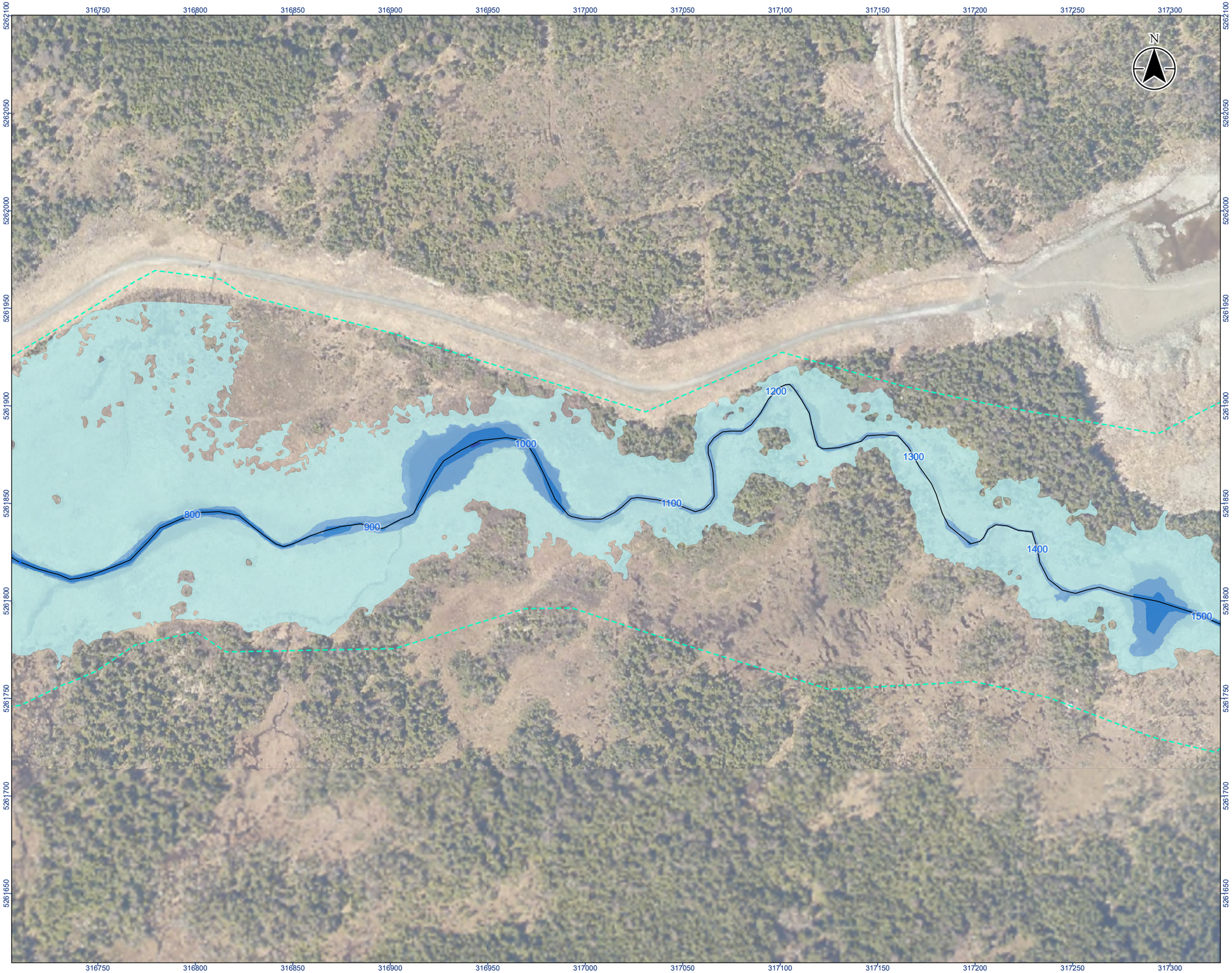
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
34-1

Title
Climate Change Condition
20-Year Inundation - South Brook
Sheet 1 of 3

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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Prepared by kaitang on 2025-04-01

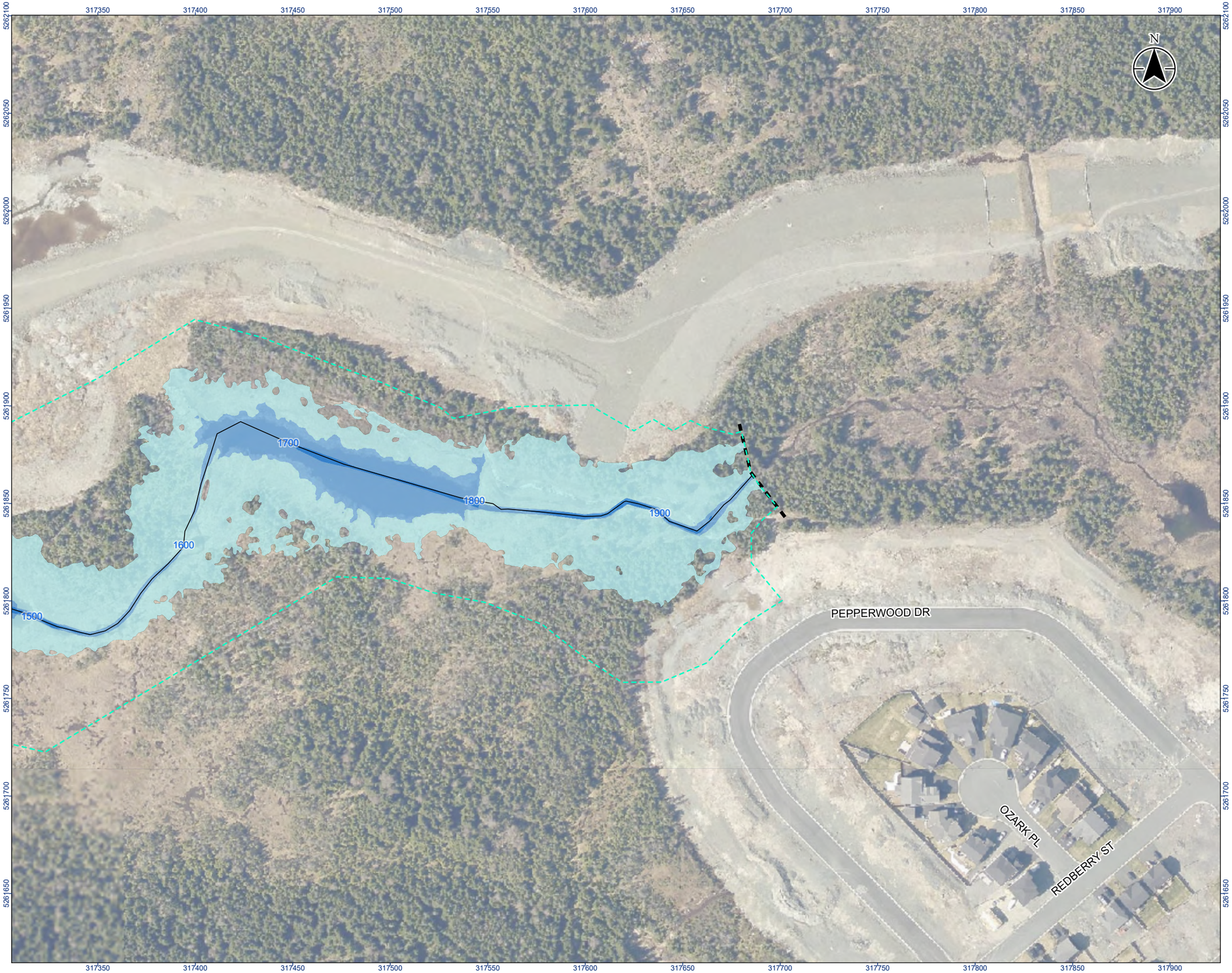
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
34-2

Title
Climate Change Condition 20-Year Inundation - South Brook Sheet 2 of 3

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes
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Project Location
City of St. John's

163401903 REVA
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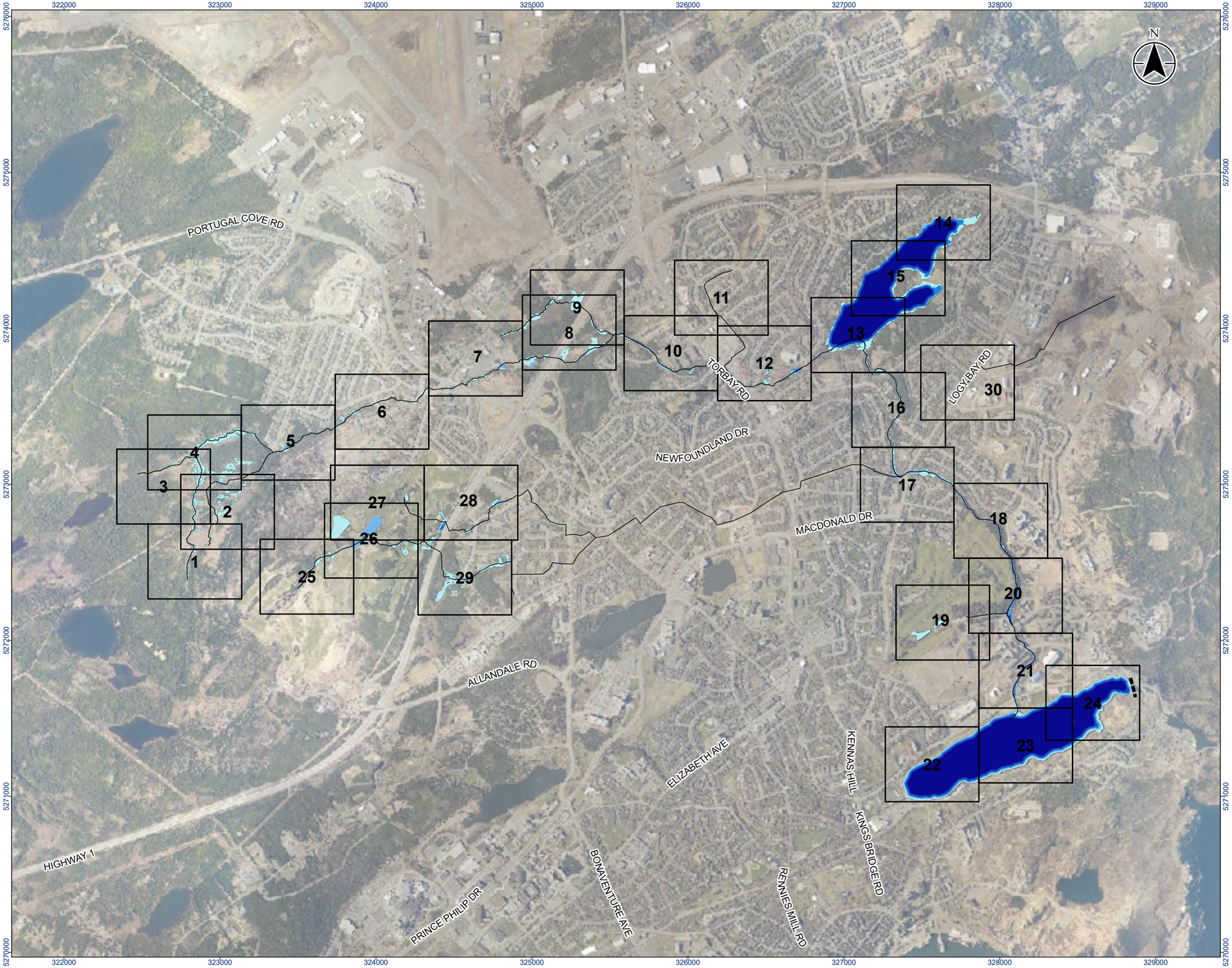
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
34-3

Title
Climate Change Condition
20-Year Inundation - South Brook
Sheet 3 of 3

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Legend

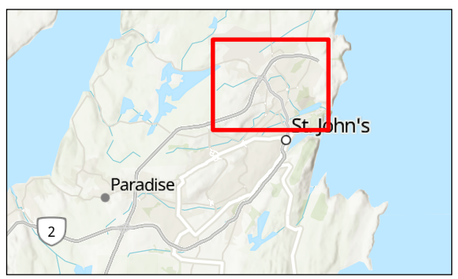
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- 20 Year Depth - 0.5 - 1.0 m
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 490 980 m

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-20

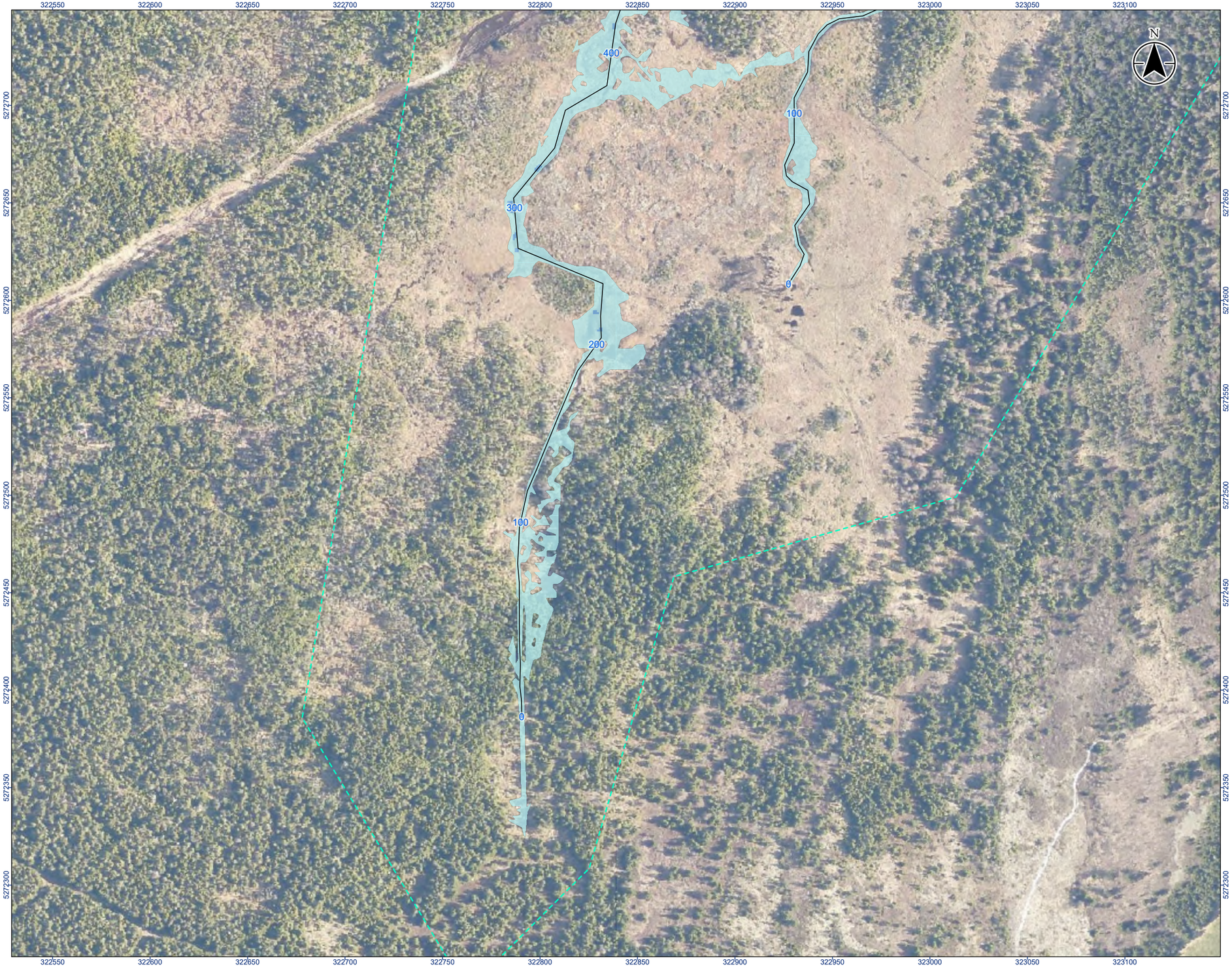
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-0

Title
Climate Change Condition 20-Year Inundation - Virginia River Overview Map

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Stantec

Legend

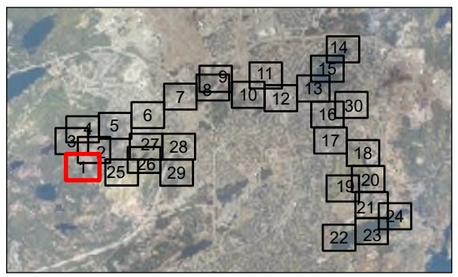
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

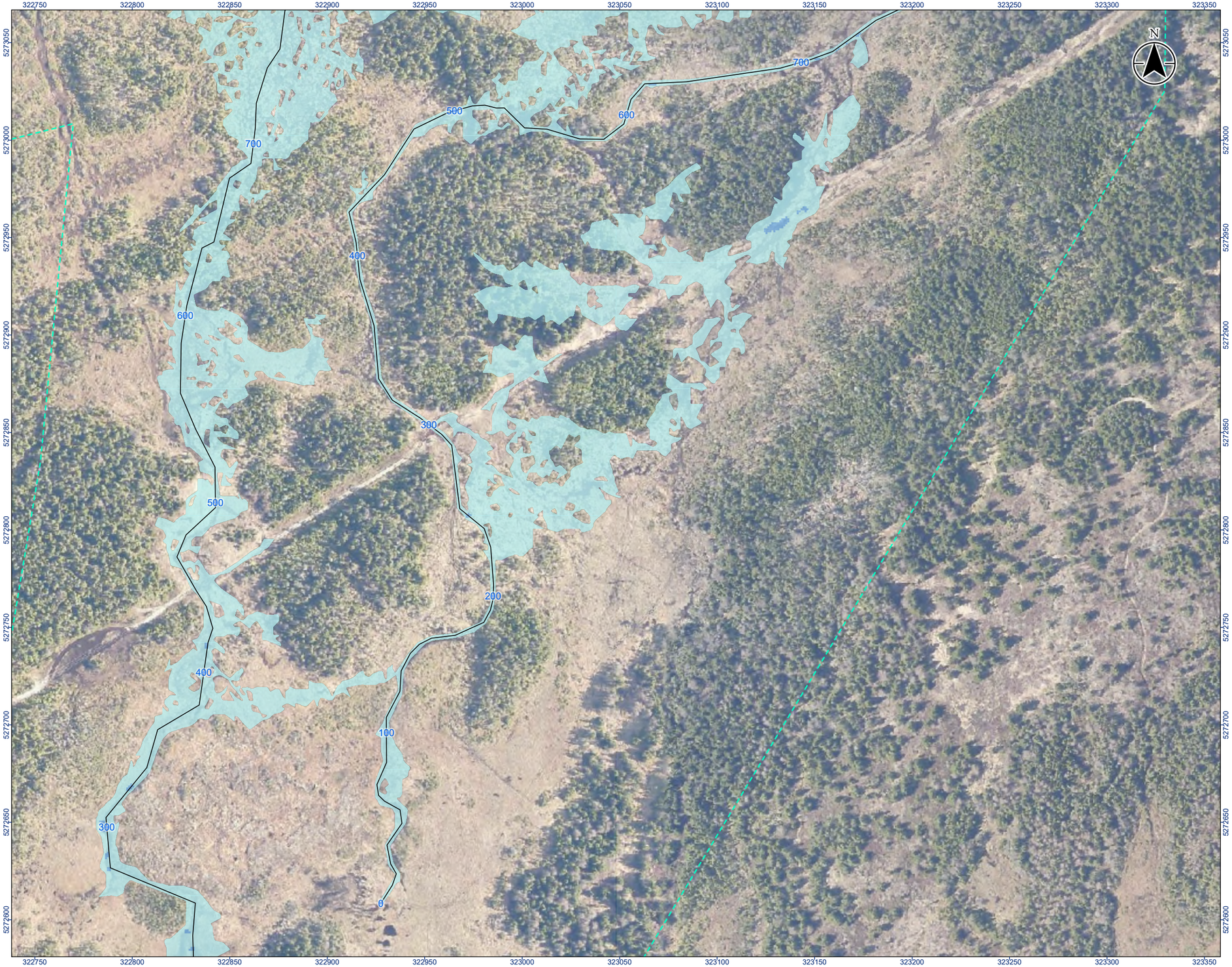
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-1

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 1 of 30

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Stantec

Legend

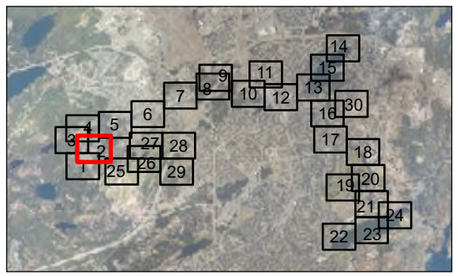
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

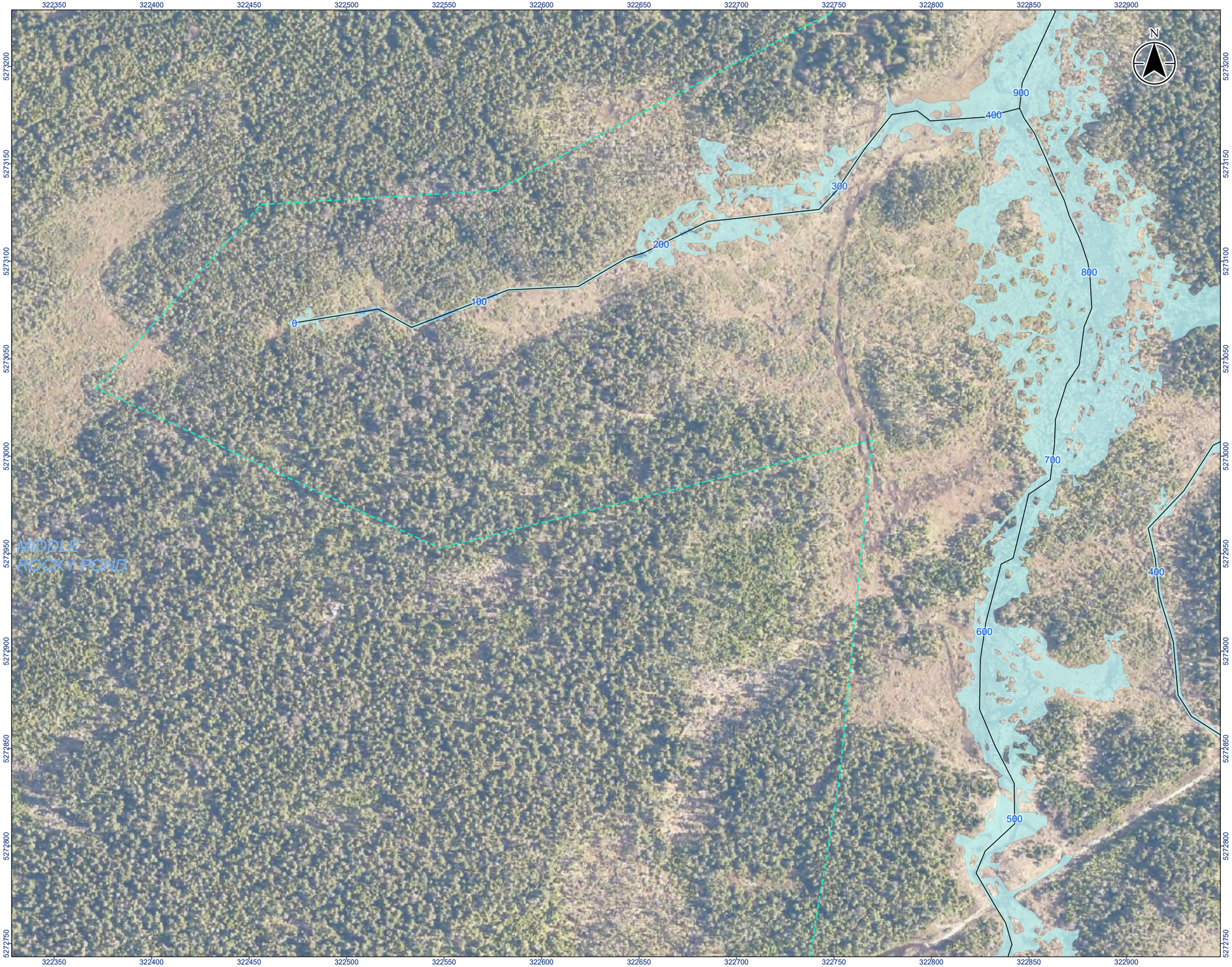
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-2

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 2 of 30

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Stantec

Legend

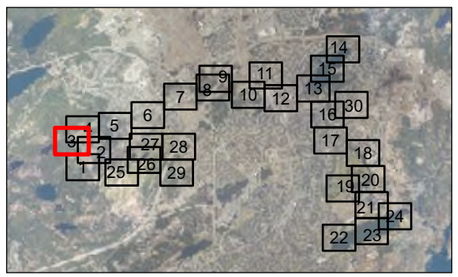
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

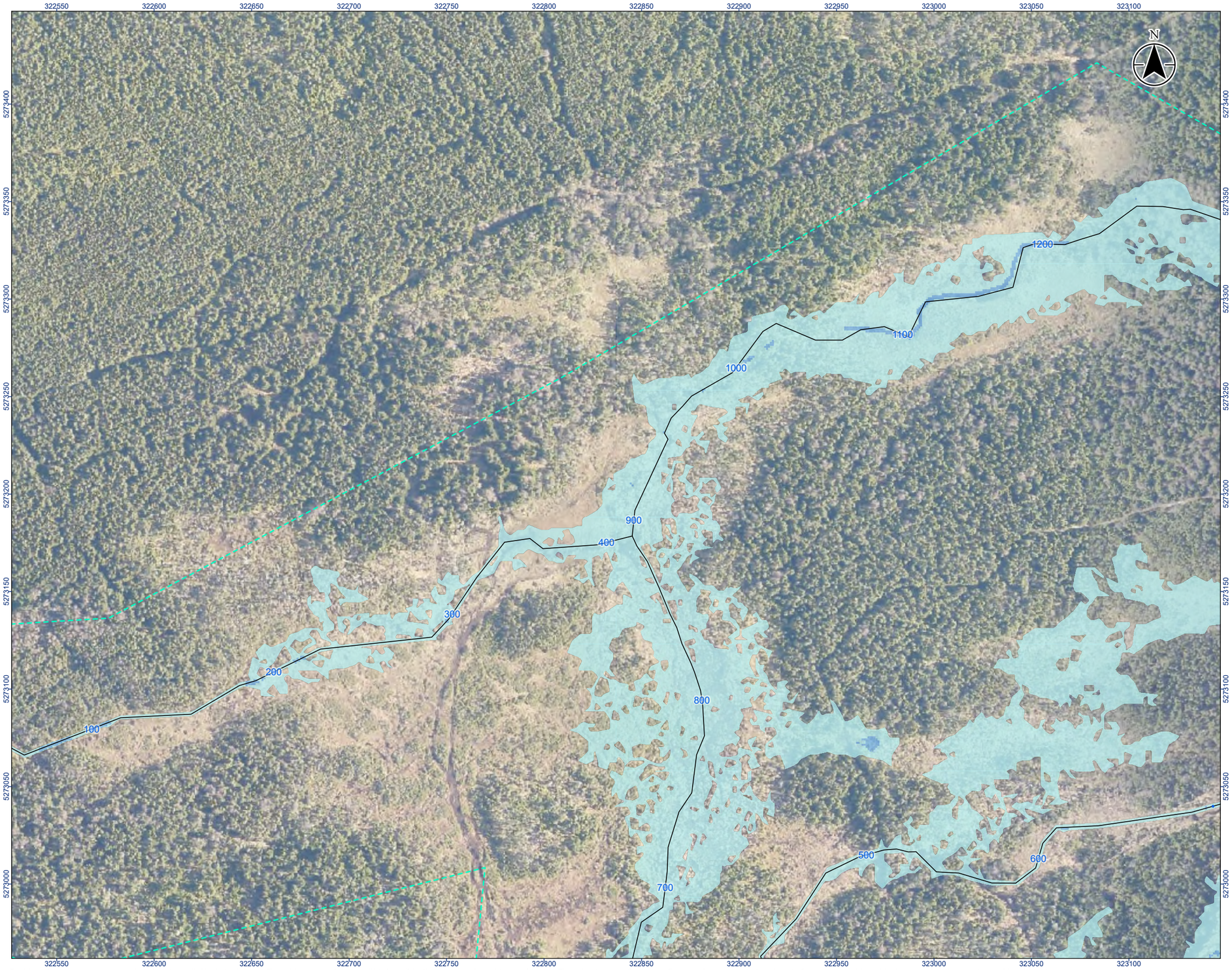
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-3

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 3 of 30

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Stantec

Legend

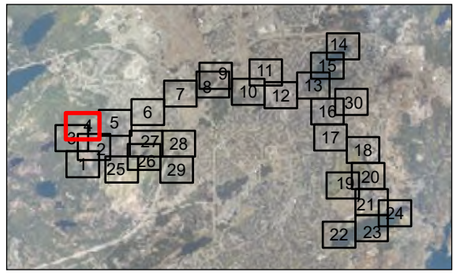
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-03

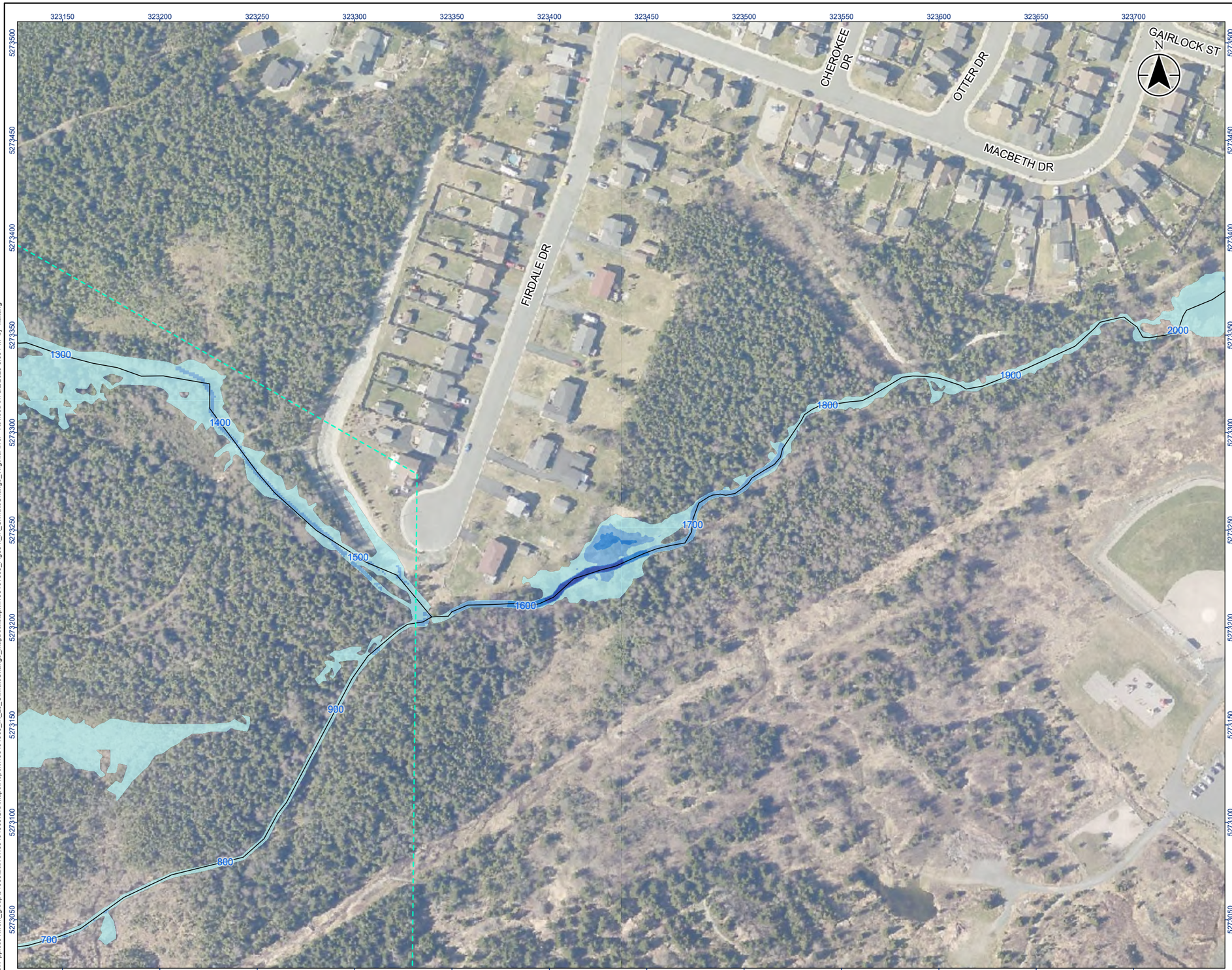
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-4

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 4 of 30

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Legend

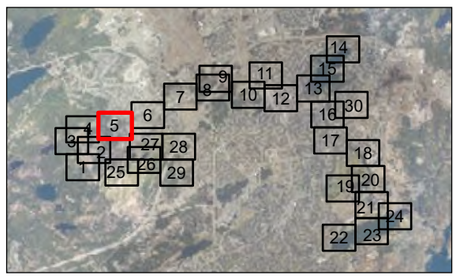
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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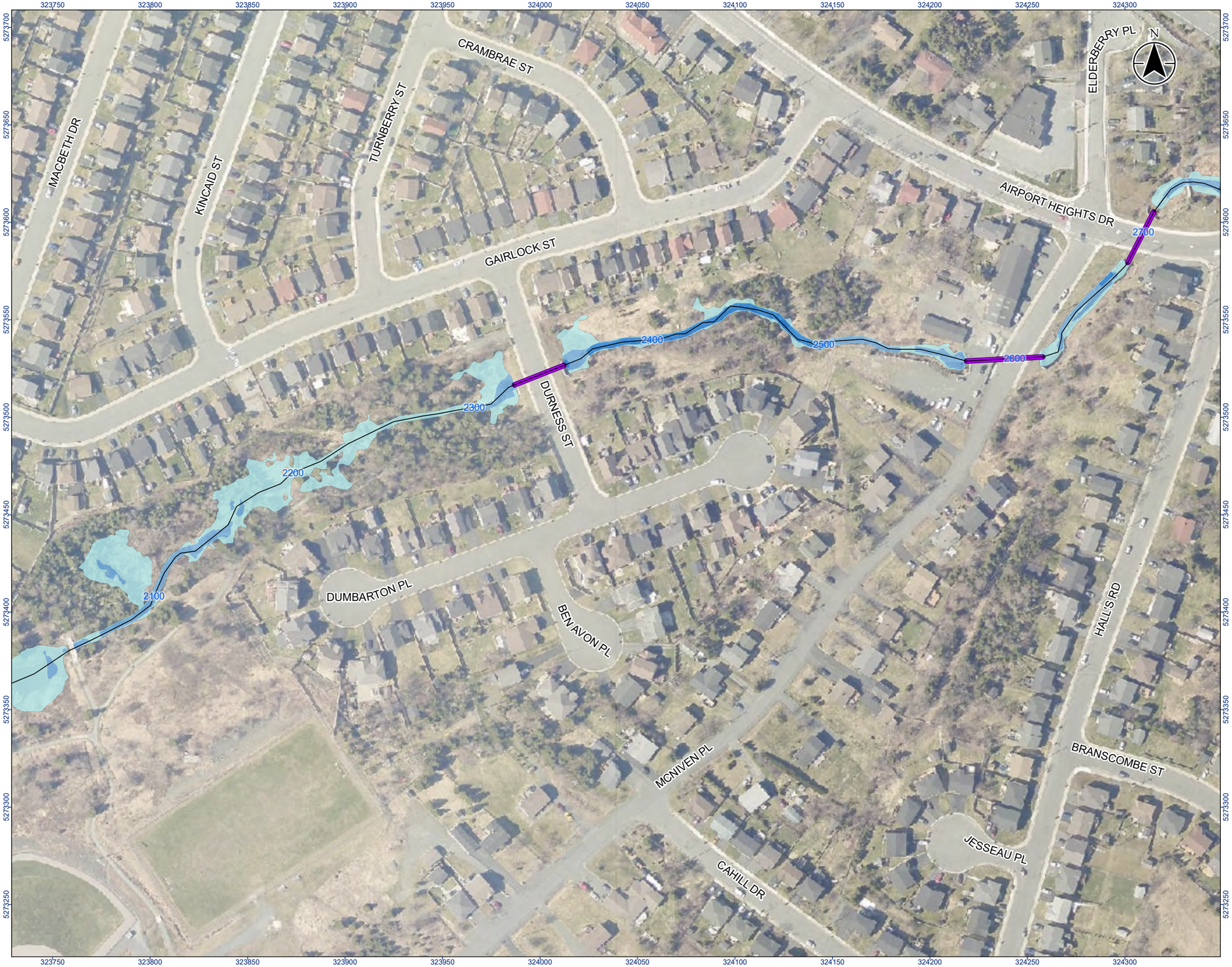
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-5

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 5 of 30

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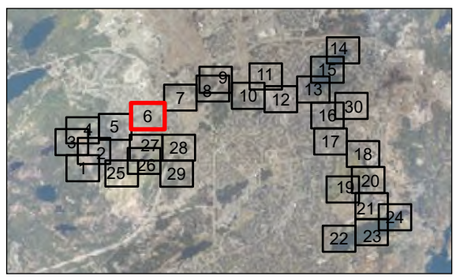
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-6

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 6 of 30

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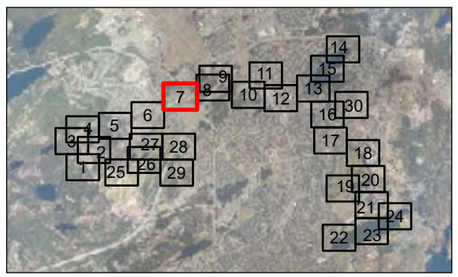
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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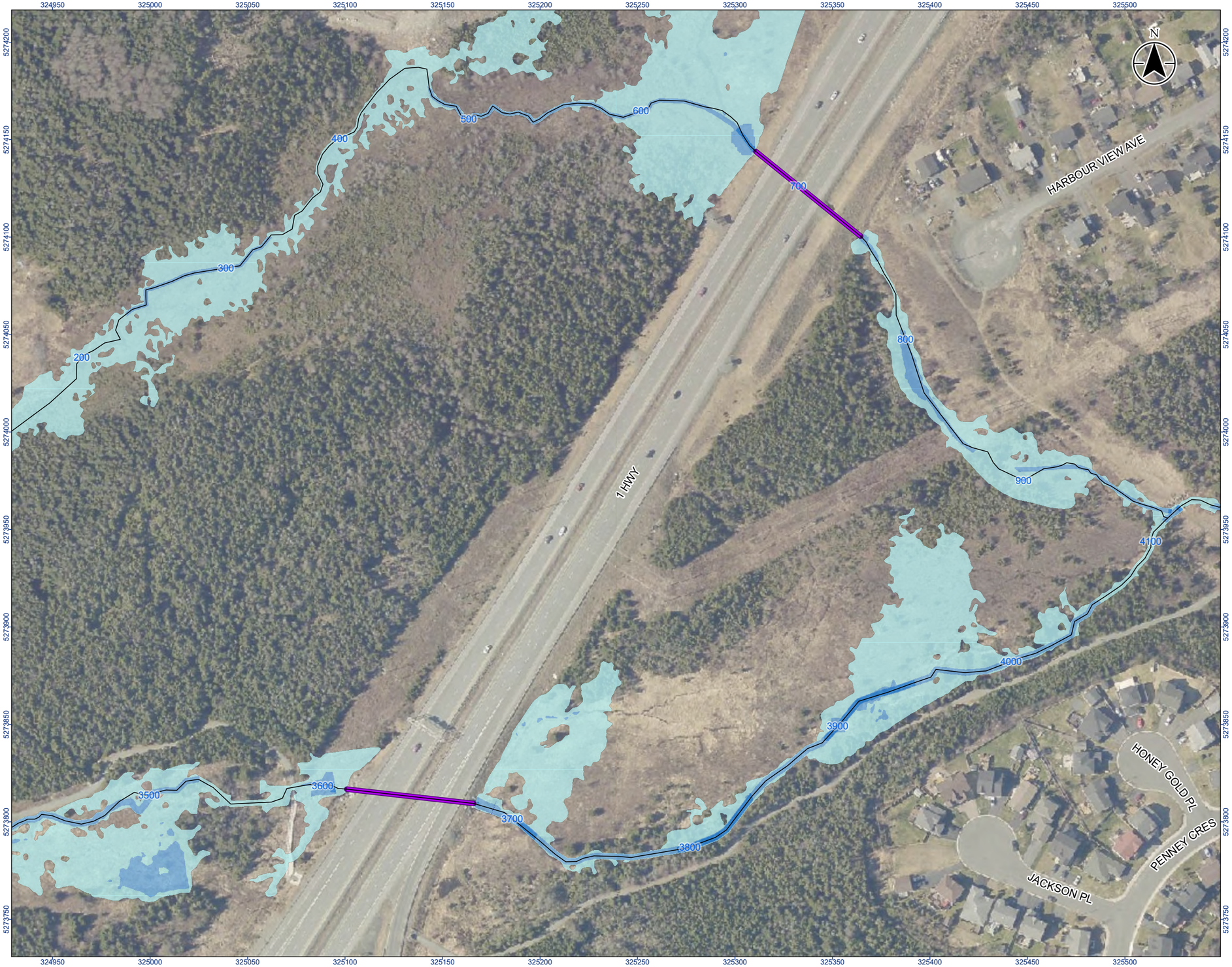
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-7

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 7 of 30

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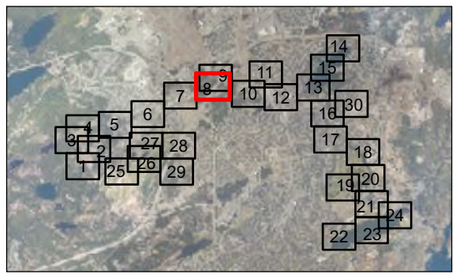
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-8

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 8 of 30

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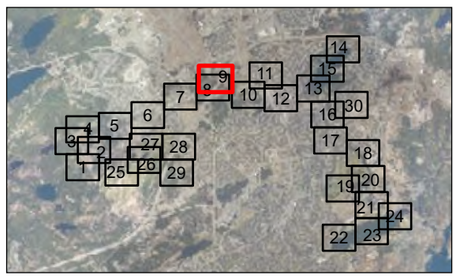
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- Limit of 2D Modelling
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-9

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 9 of 30

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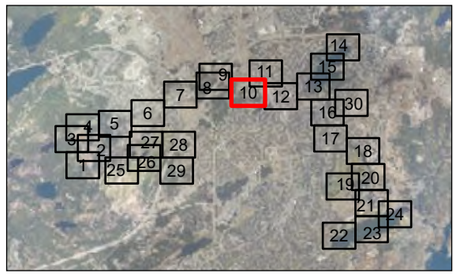
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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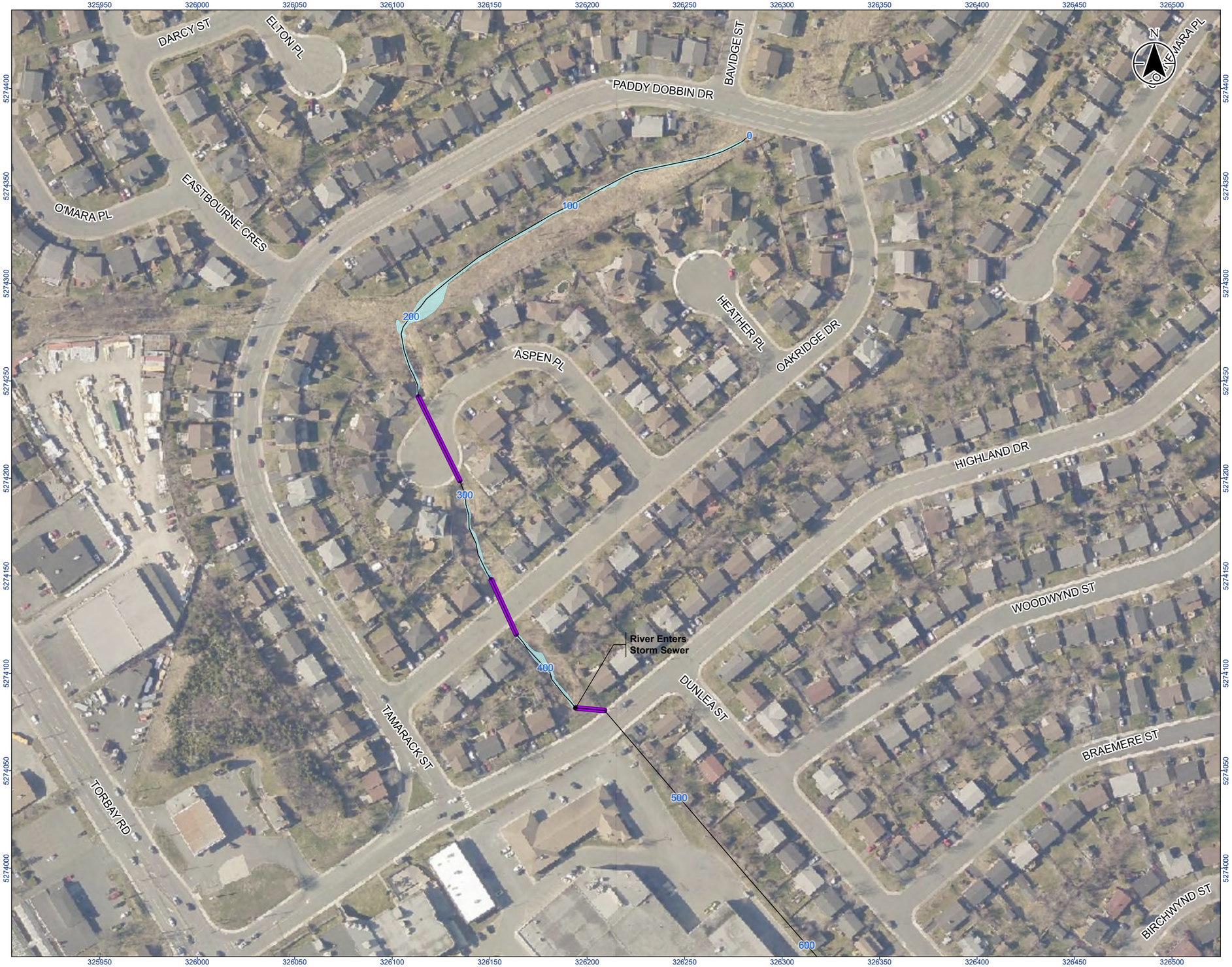
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-10

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 10 of 30

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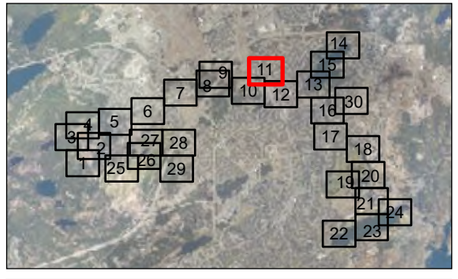
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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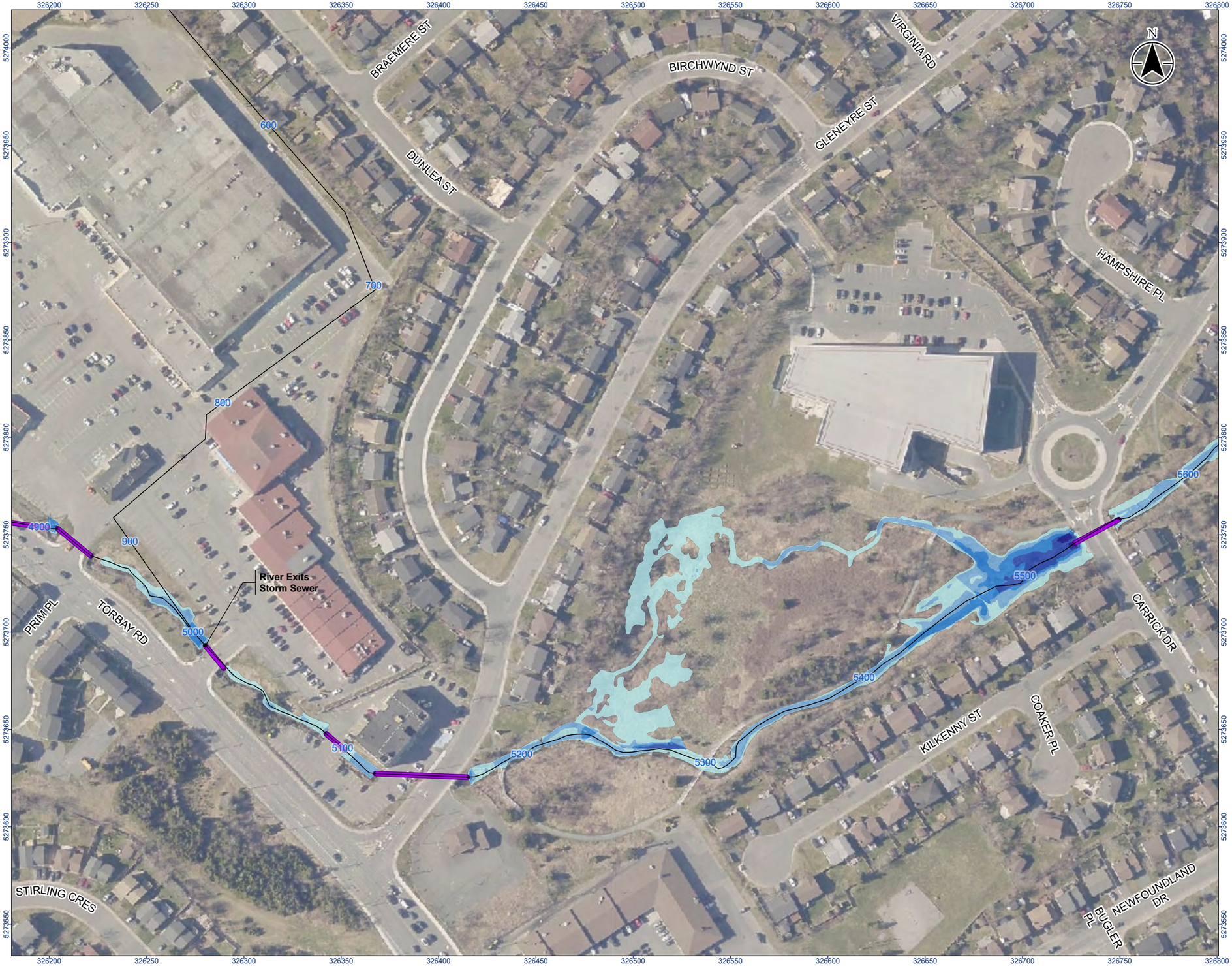
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-11

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 11 of 30

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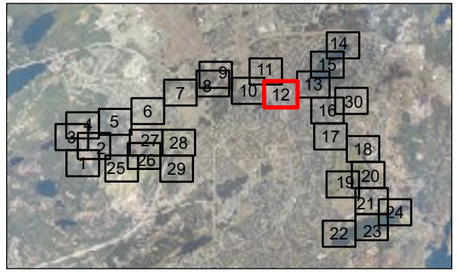
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- Modelled Culvert
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-12

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 12 of 30

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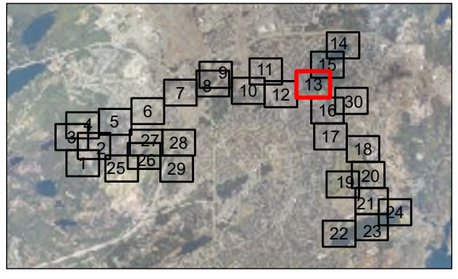
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-13

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 13 of 30

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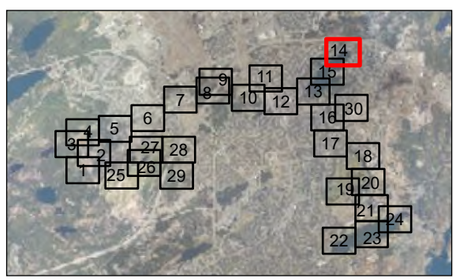
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-14

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 14 of 30

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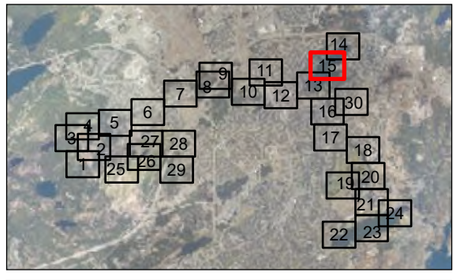
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
35-15

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 15 of 30

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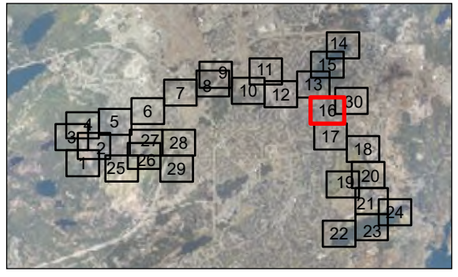
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- River/Creek Centreline
- Modelled Culvert
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m
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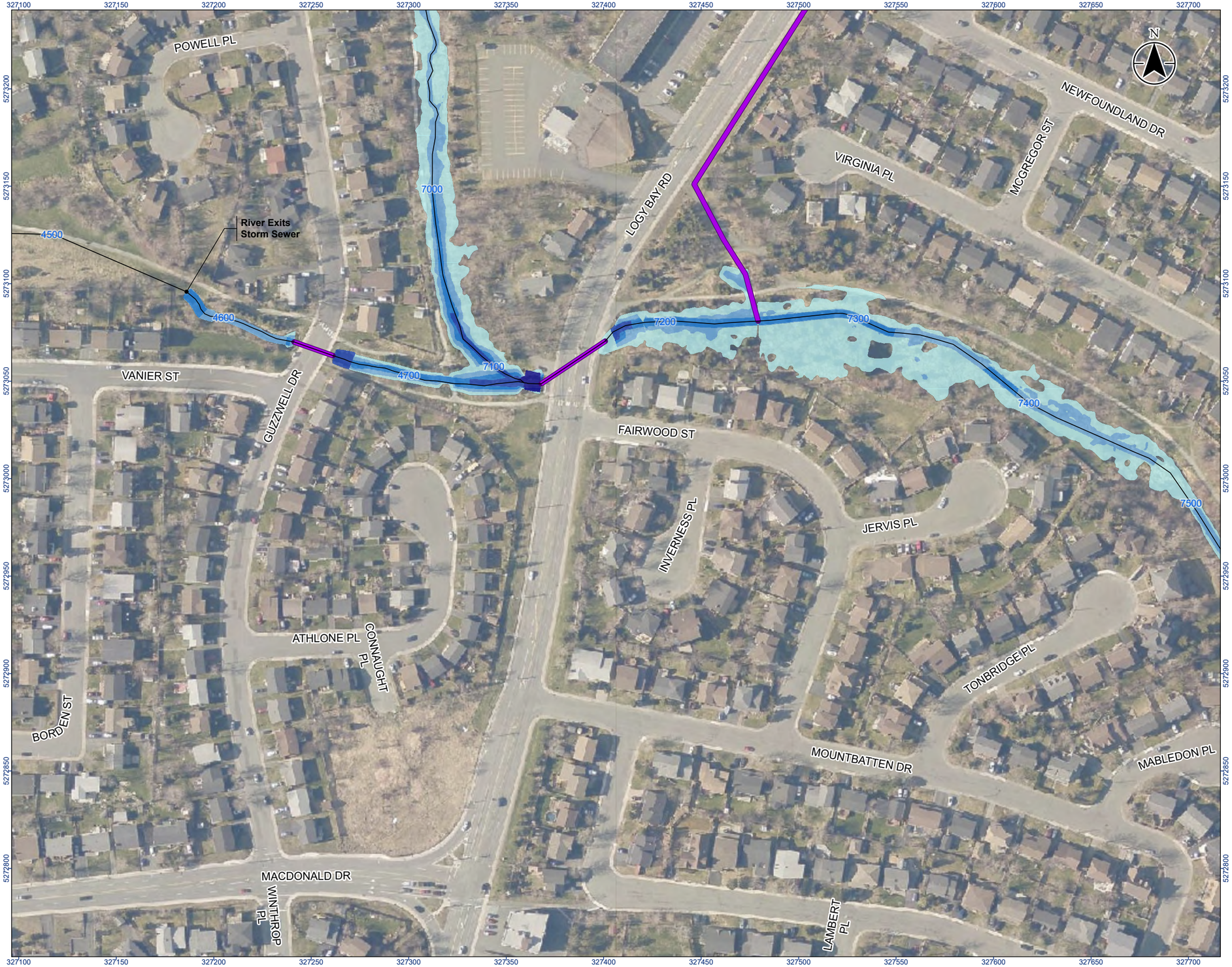
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-16

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 16 of 30

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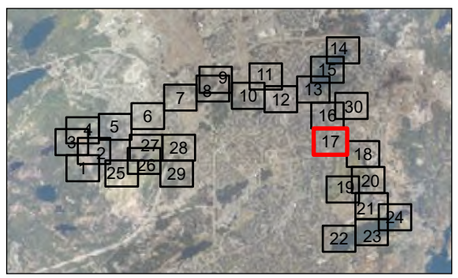
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-17

Title
Climate Change Condition 20-Year Inundation - Virginia River Sheet 17 of 30

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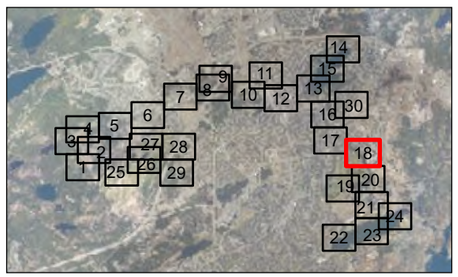
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-18

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 18 of 30

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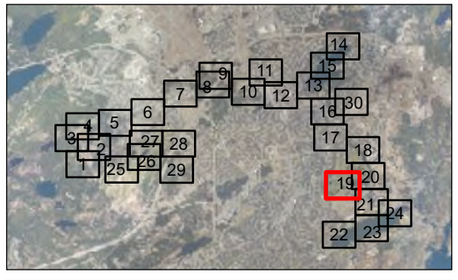
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- Limit of 2D Modelling
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-19

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 19 of 30

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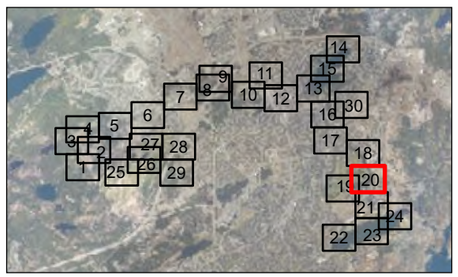
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-20

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 20 of 30

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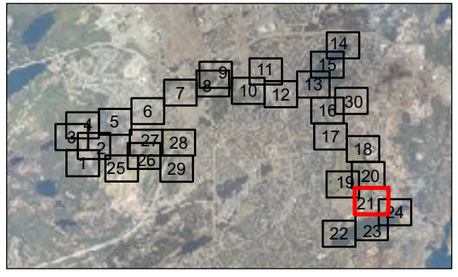
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- Modelled Culvert
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- Limit of 2D Modelling
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-21

Title
Climate Change Condition
20-Year Inundation - Virginia River
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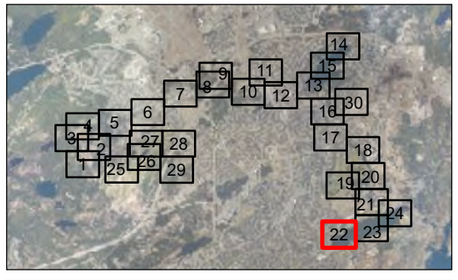
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- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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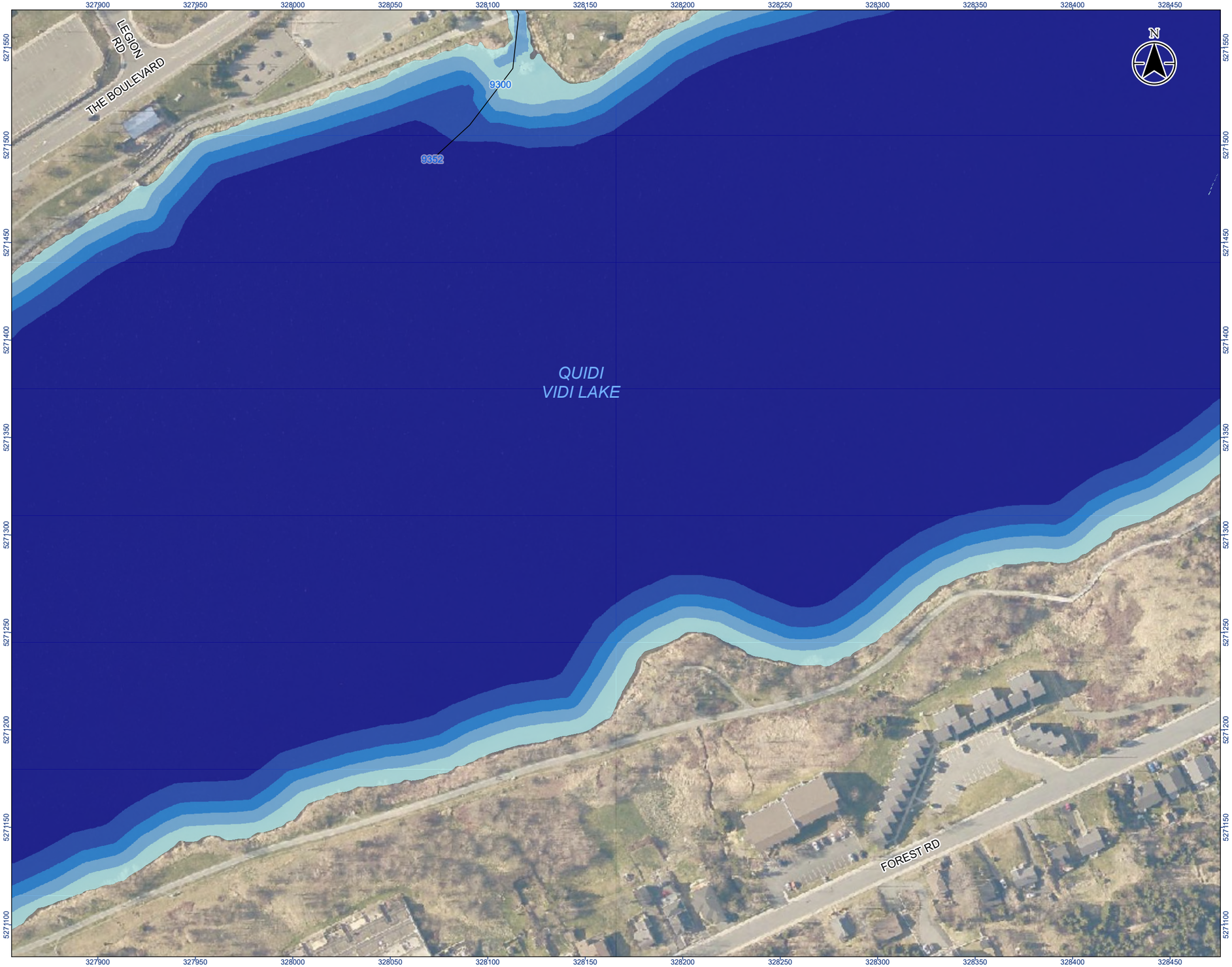
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-22

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 22 of 30

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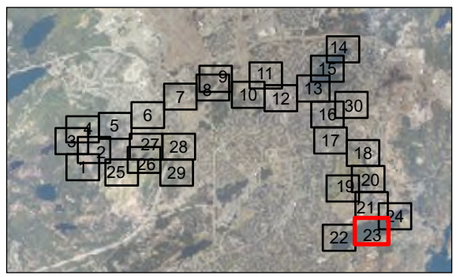
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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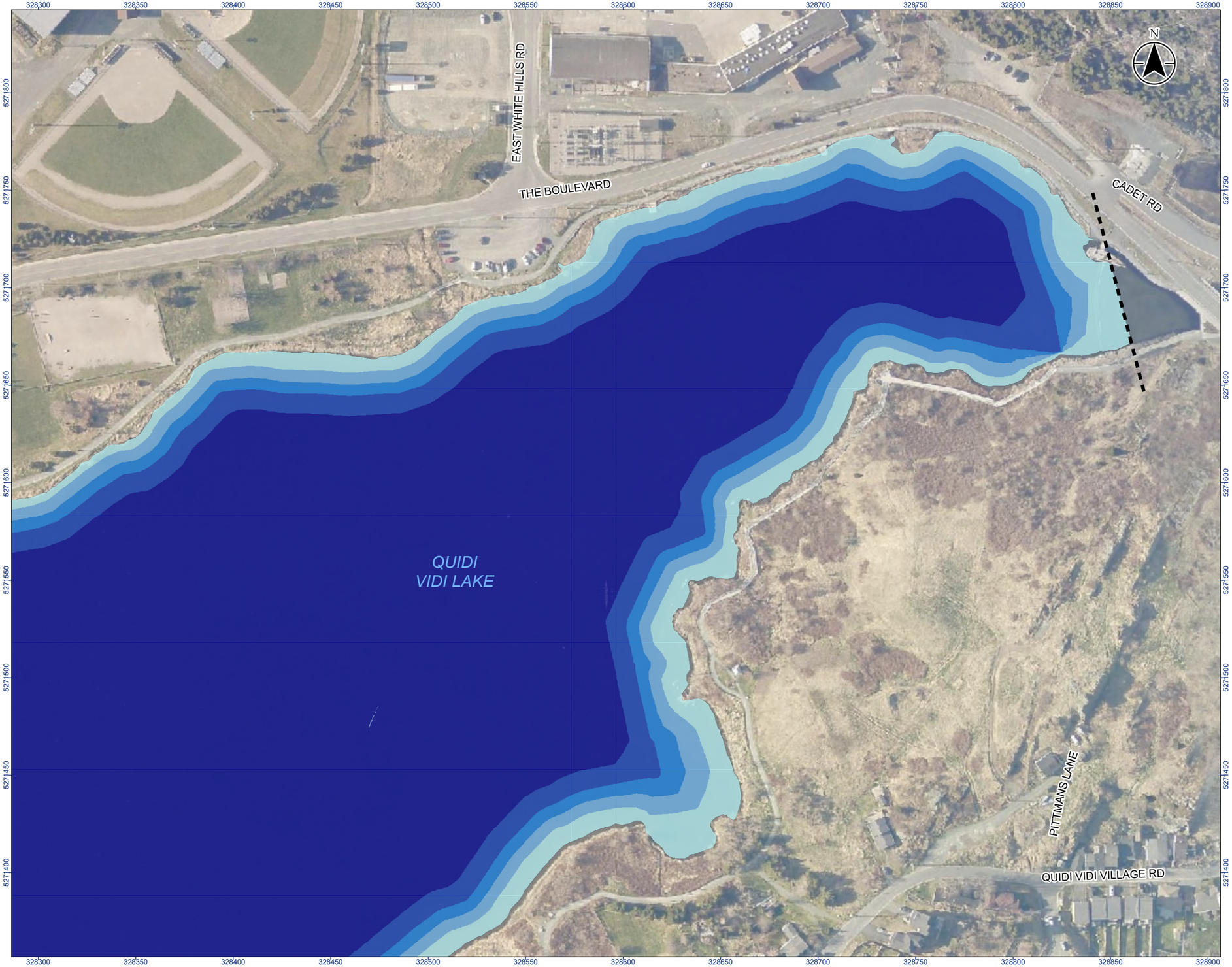
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-23

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 23 of 30

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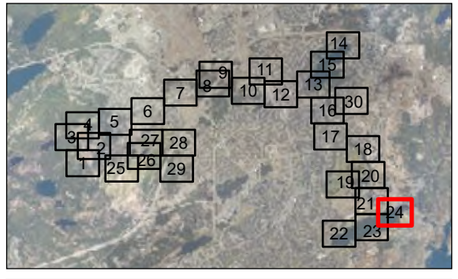
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- 20 Year Depth - 1.0 - 1.5 m
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-24

Title
Climate Change Condition
20-Year Inundation - Virginia River
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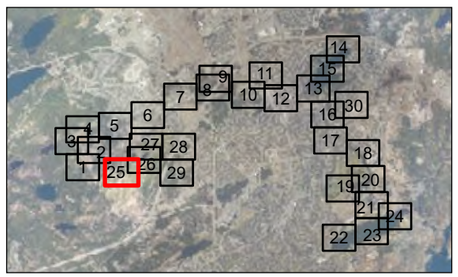
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- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-25

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 25 of 30

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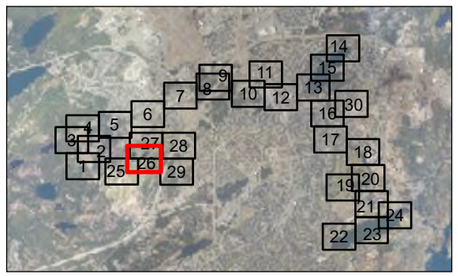
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-26

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 26 of 30

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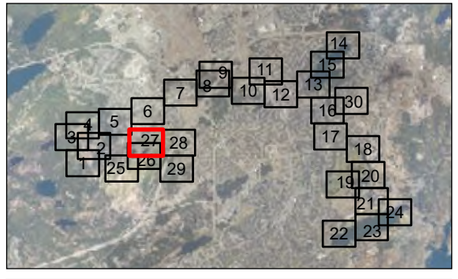
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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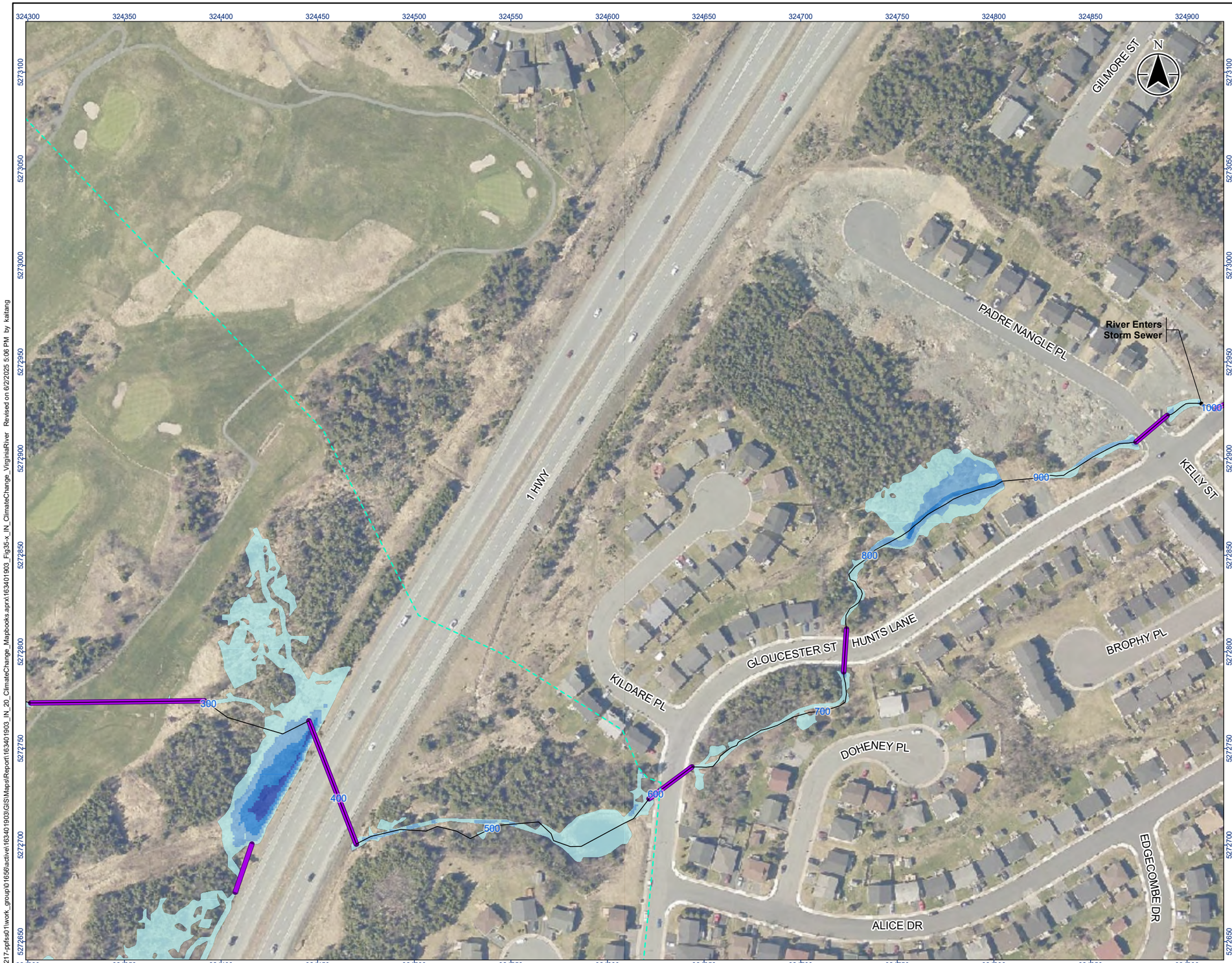
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-27

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 27 of 30

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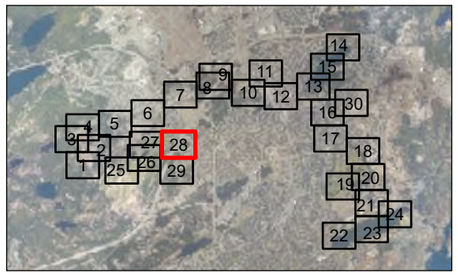
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- Modelled Culvert
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- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
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Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 28 of 30

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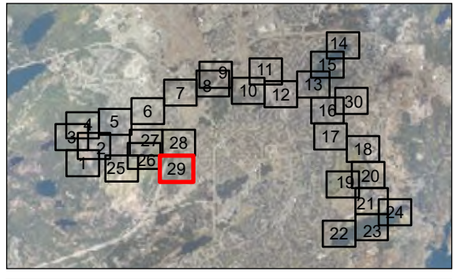
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 20 Year Depth - 0.0 - 0.5 m
- 20 Year Depth - 0.5 - 1.0 m
- 20 Year Depth - 1.0 - 1.5 m
- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
35-29

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 29 of 30

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Legend

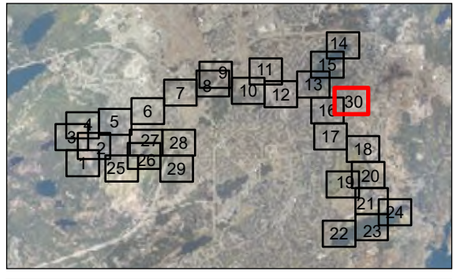
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 20 Year Depth - 1.5 - 2.0 m
- 20 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
35-30

Title
Climate Change Condition
20-Year Inundation - Virginia River
Sheet 30 of 30

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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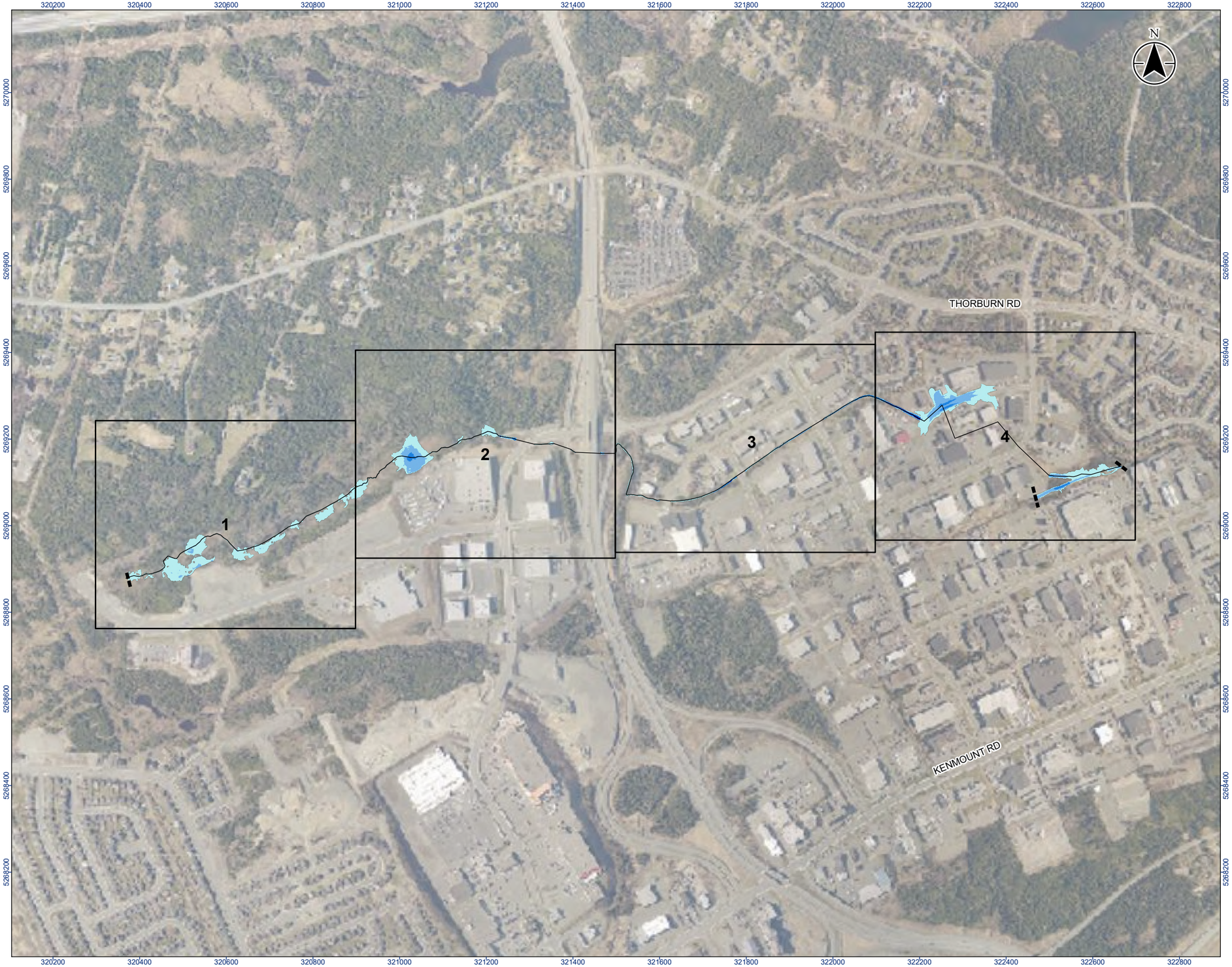
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
36-0

Title
Climate Change Condition
100-Year Inundation - Barrow Road Stream

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 175 350 m

1:9,000 (At original document size of 11x17)

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
37-0

Title
Climate Change Condition 100-Year Inundation - Holes In Marsh Brook Overview Map

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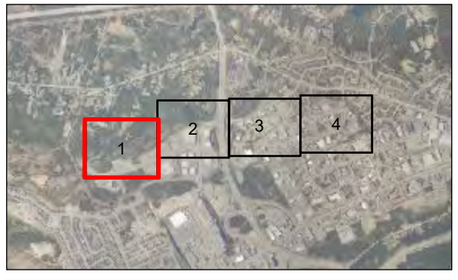
- River/Creek Centreline
- Modelled Culvert
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
37-1

Title
Climate Change Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 1 of 4

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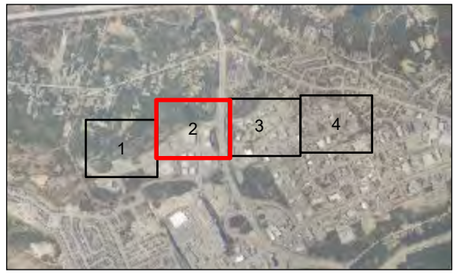
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
37-2

Title
Climate Change Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 2 of 4

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Legend

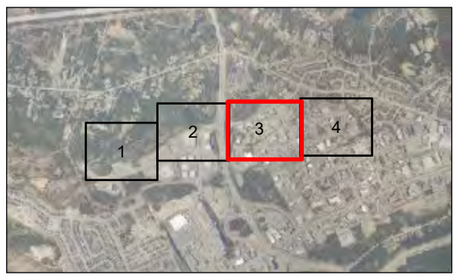
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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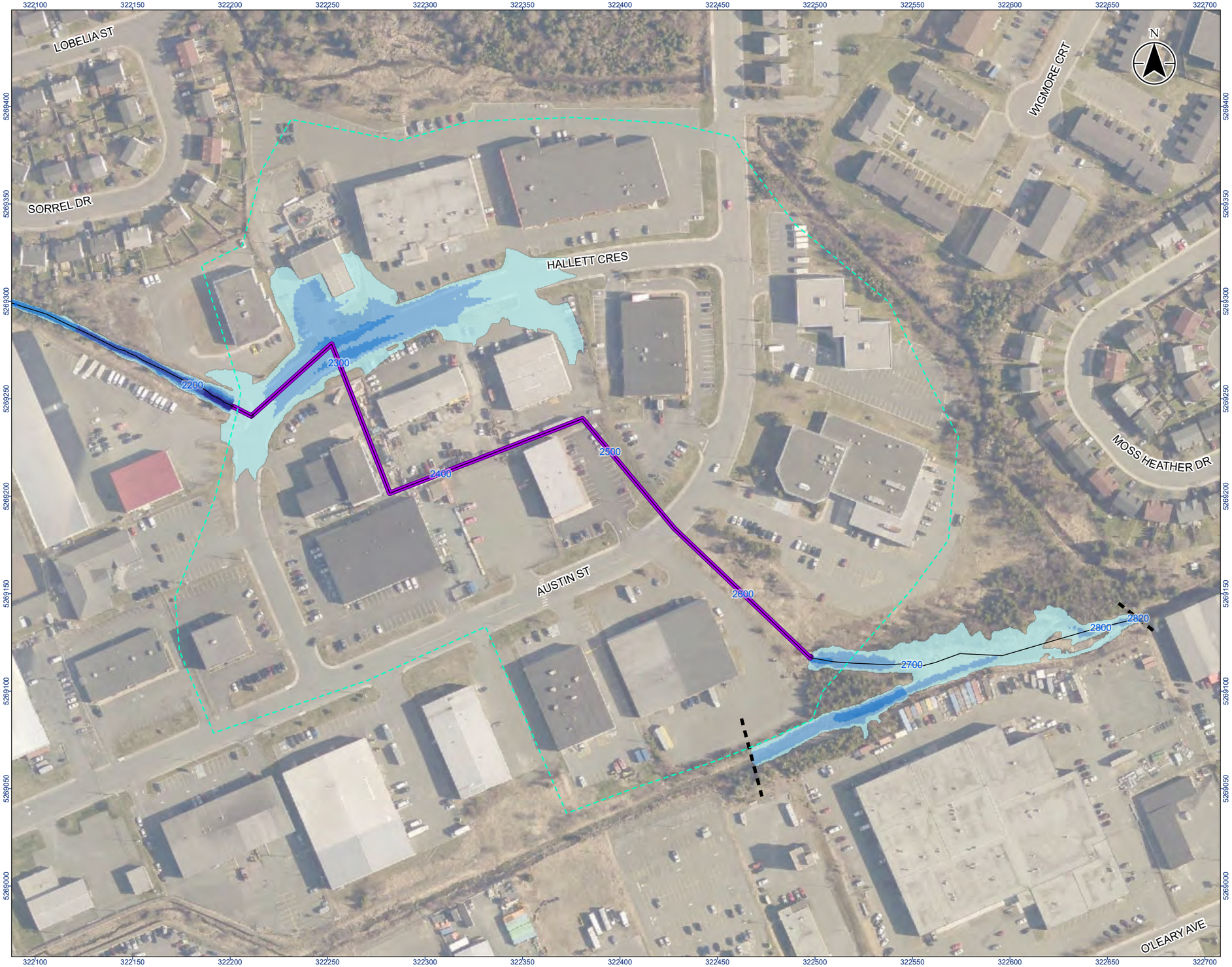
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
37-3

Title
Climate Change Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 3 of 4

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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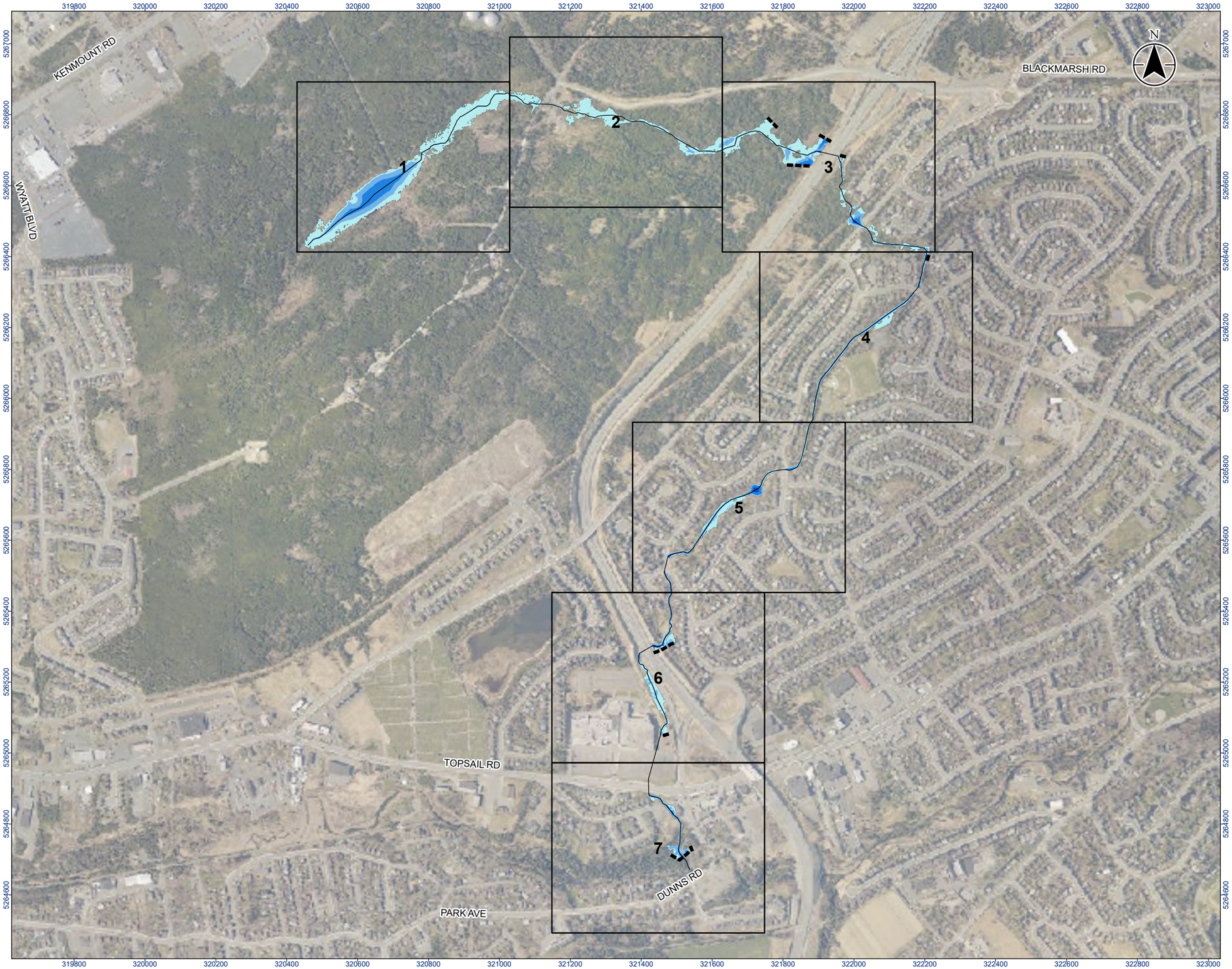
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
37-4

Title
Climate Change Condition
100-Year Inundation - Holes In Marsh Brook
Sheet 4 of 4

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Legend

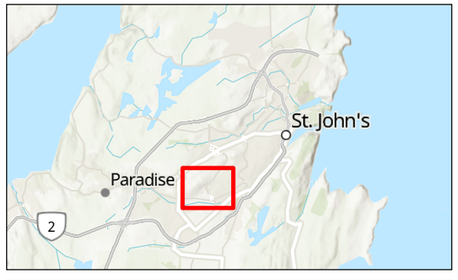
- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 210 420 m

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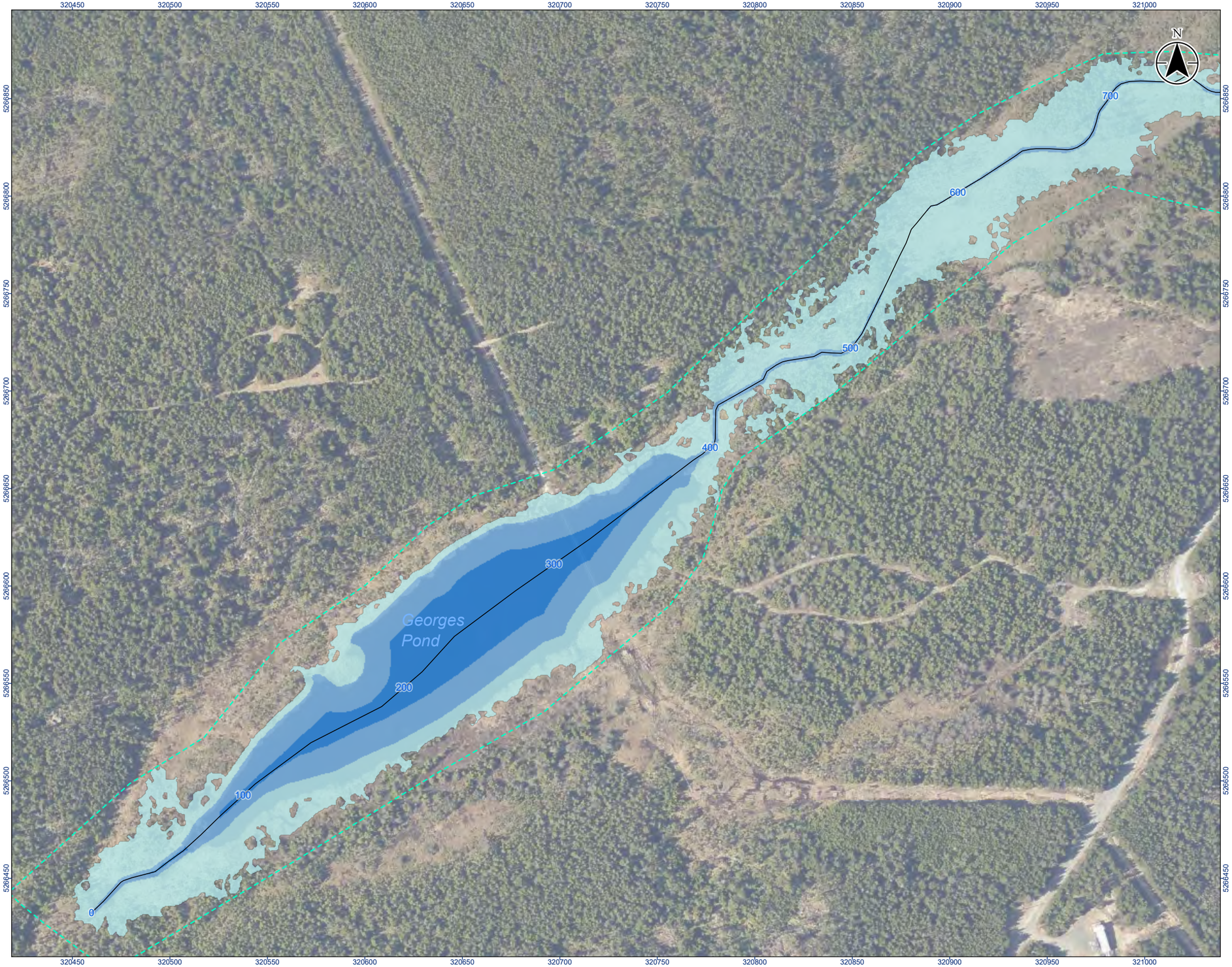
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-0

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Overview Map

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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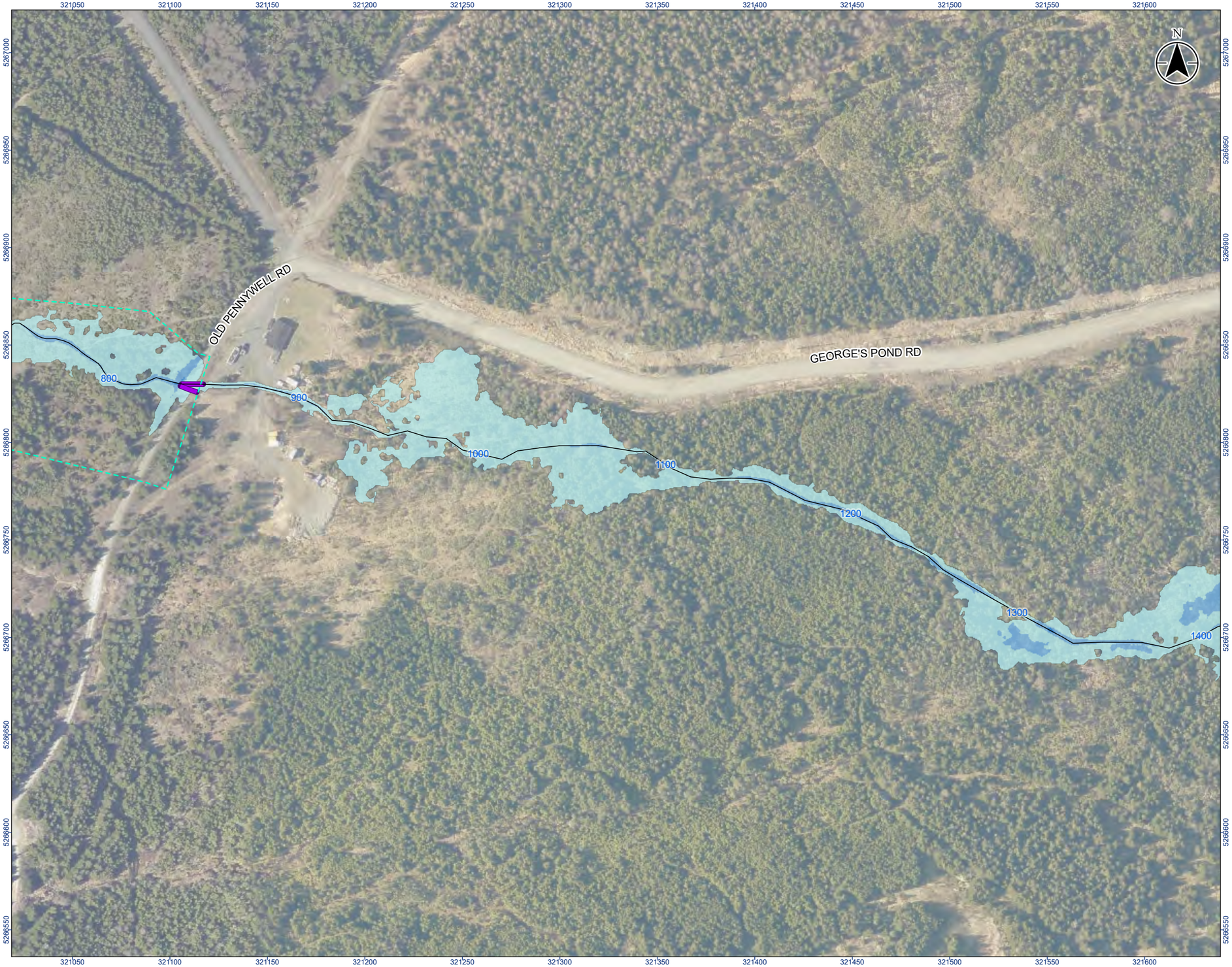
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
38-1

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 1 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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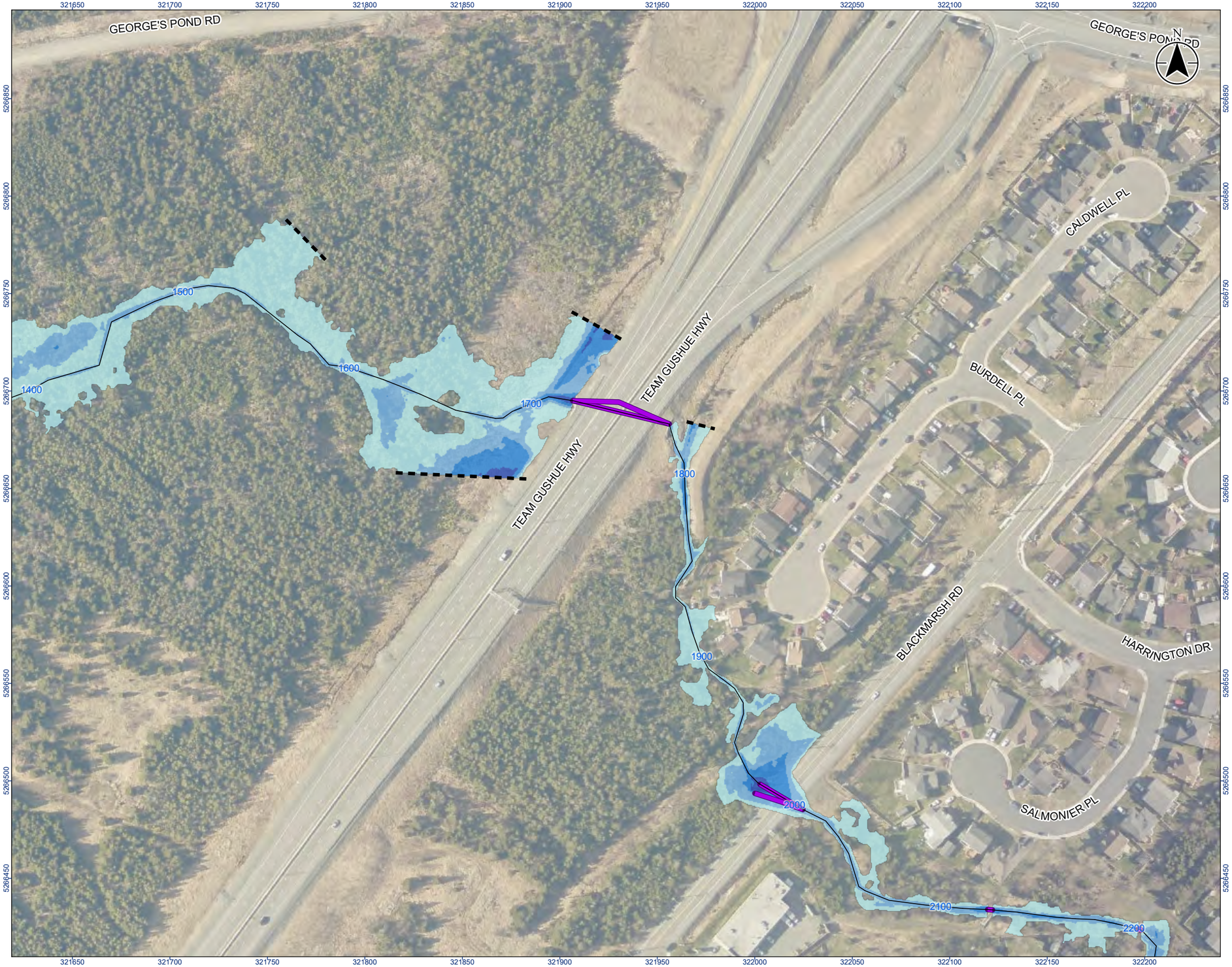
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY
FOR THE CITY OF ST. JOHN'S

Figure No.
38-2

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 2 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-3

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 3 of 7

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Legend

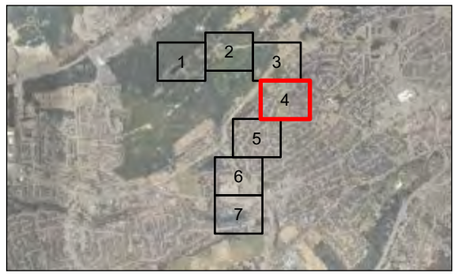
- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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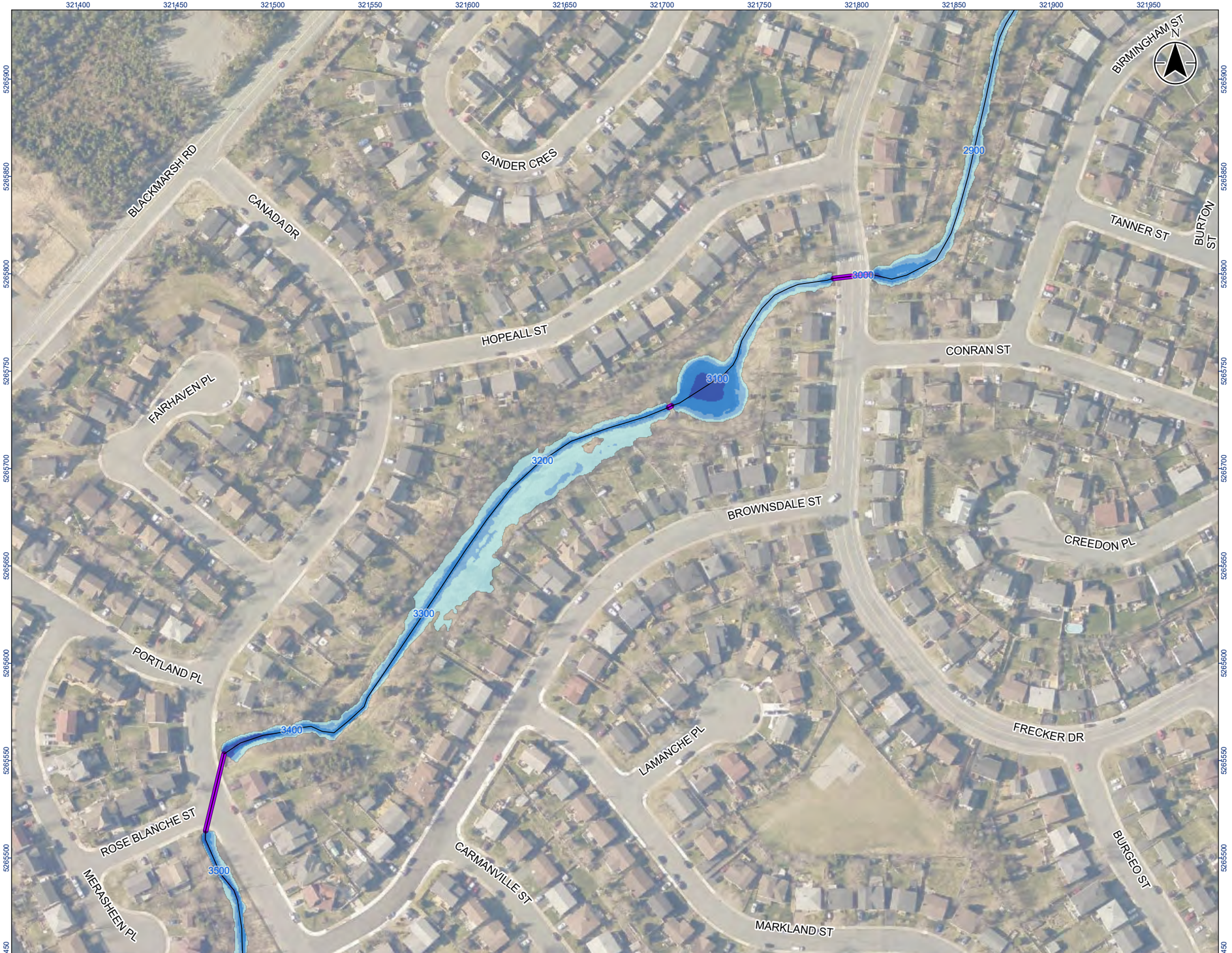
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-4

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 4 of 7

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Stantec

Legend

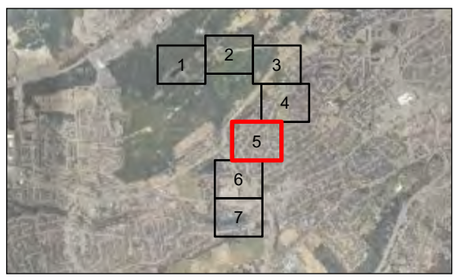
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- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-5

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 5 of 7

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-6

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 6 of 7

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

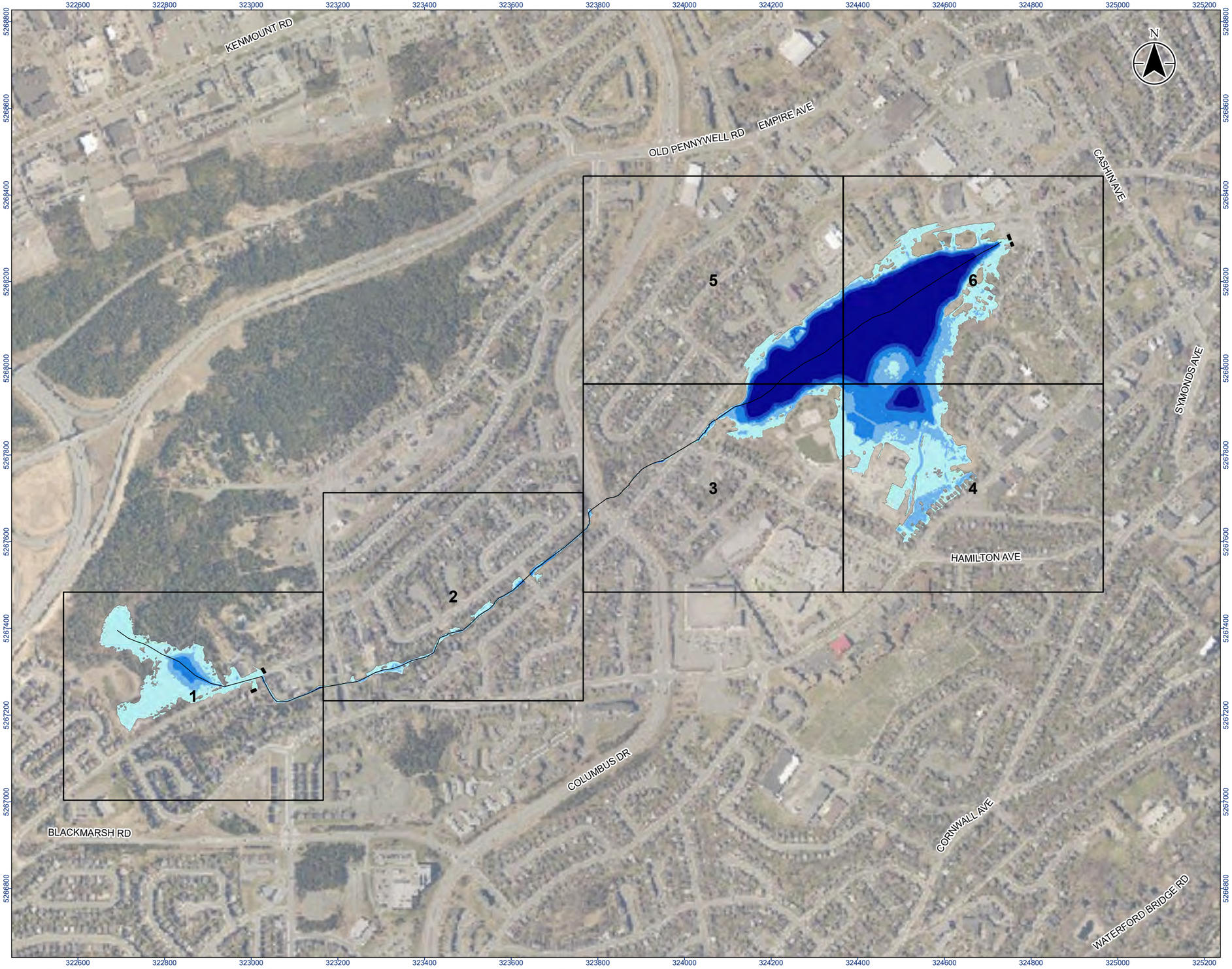
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
38-7

Title
Climate Change Condition
100-Year Inundation - Kitty Gaul Brook
Sheet 7 of 7

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

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Project Location
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Prepared by kaitang on 2025-05-26

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-0

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Overview Map

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-1

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 1 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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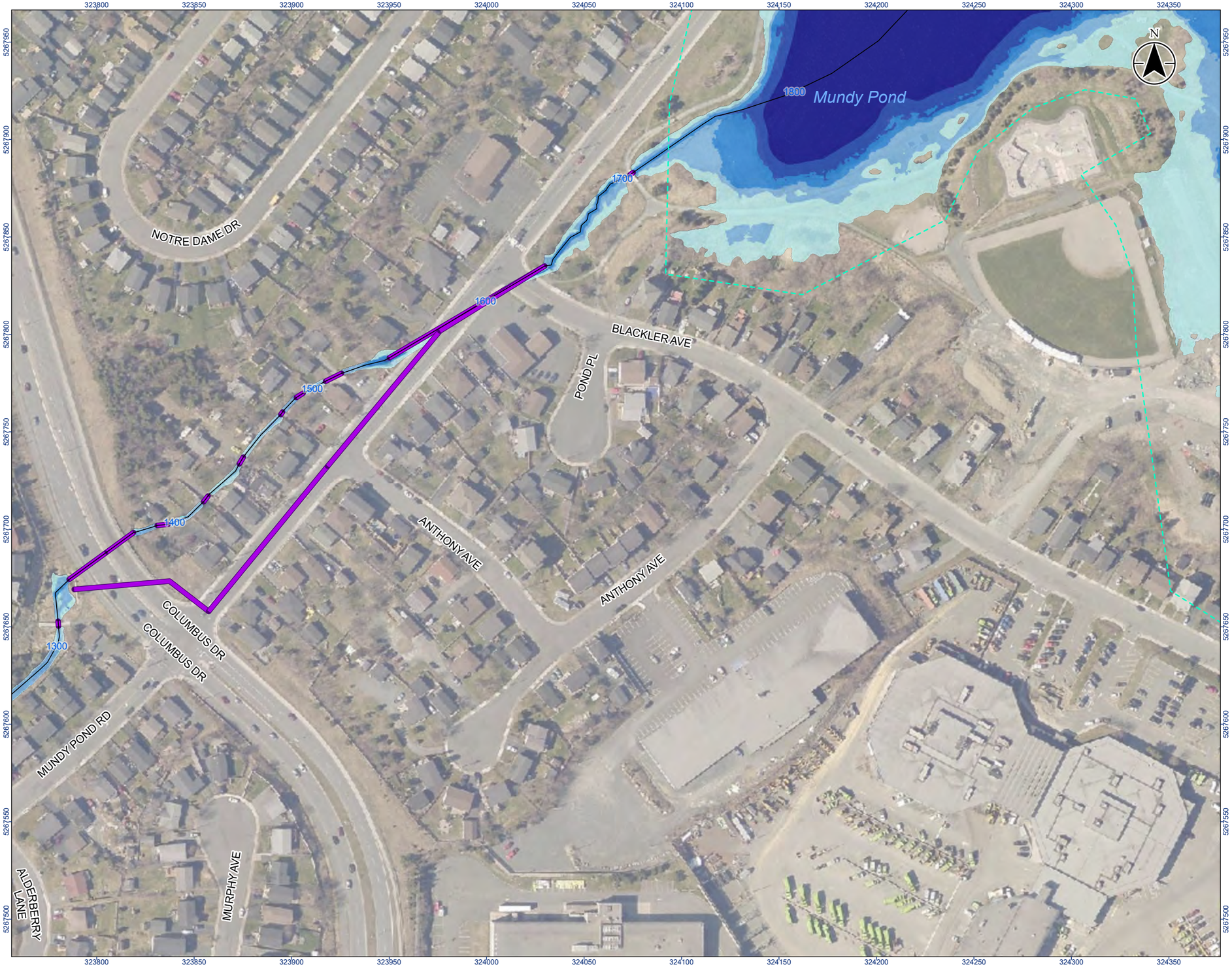
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-2

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 2 of 6

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Stantec

Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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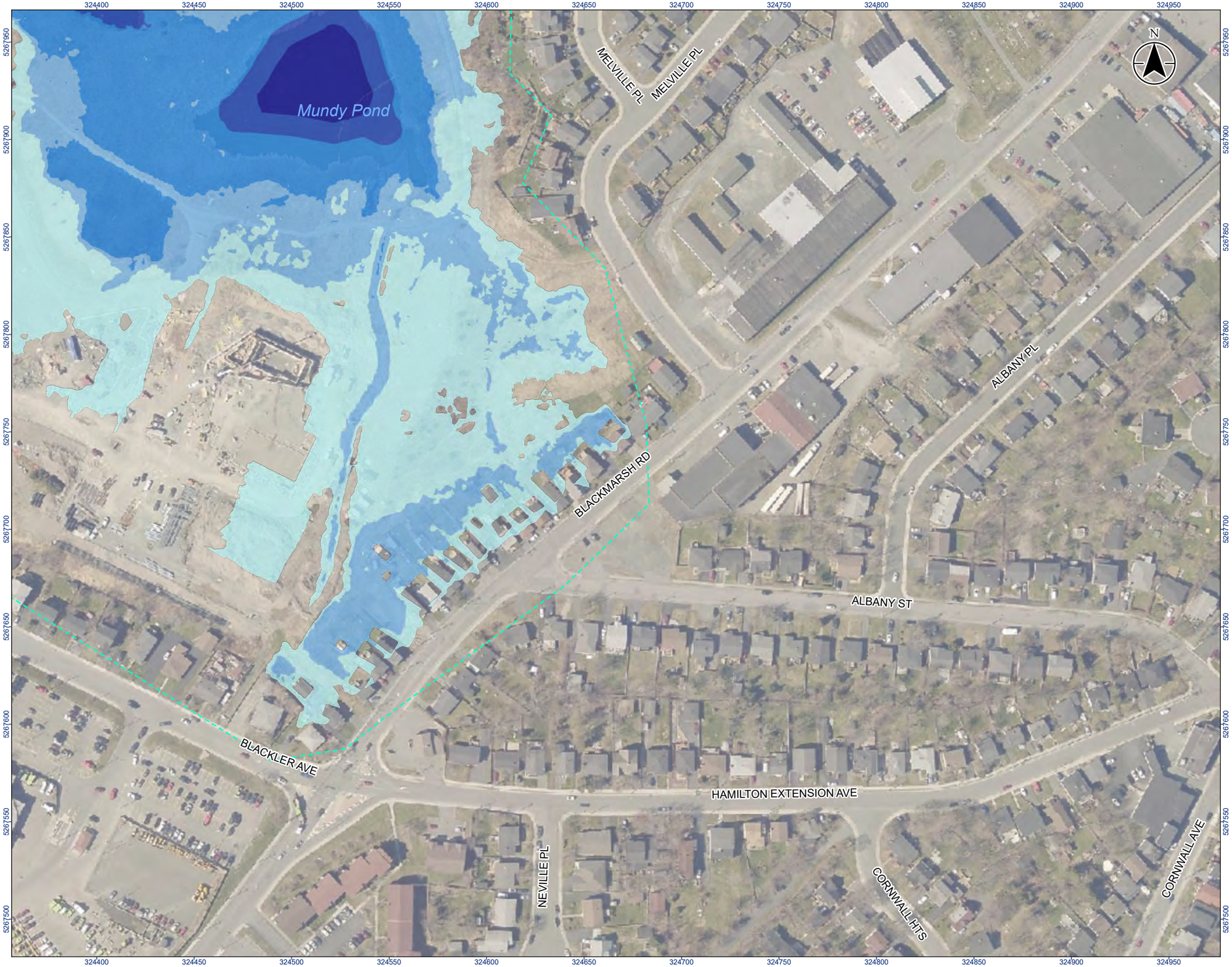
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-3

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 3 of 6

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Legend

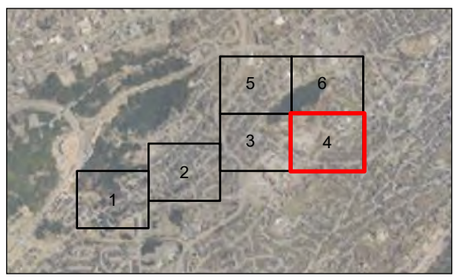
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-4

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 4 of 6

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Legend

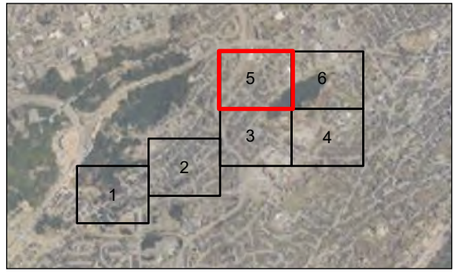
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-02

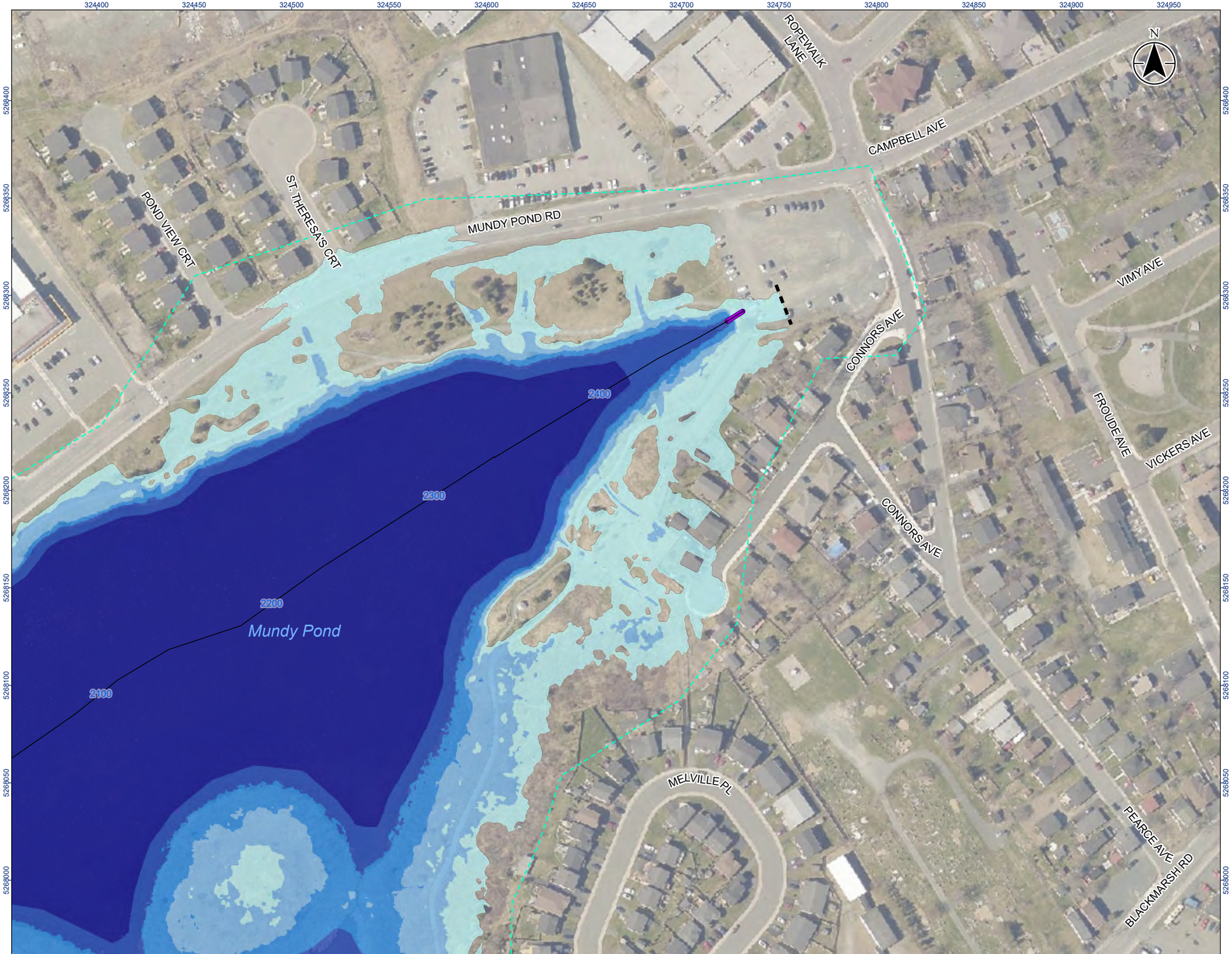
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-5

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 5 of 6

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Legend

- River/Creek Centreline
- Modelled Hydraulic Structure
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-02

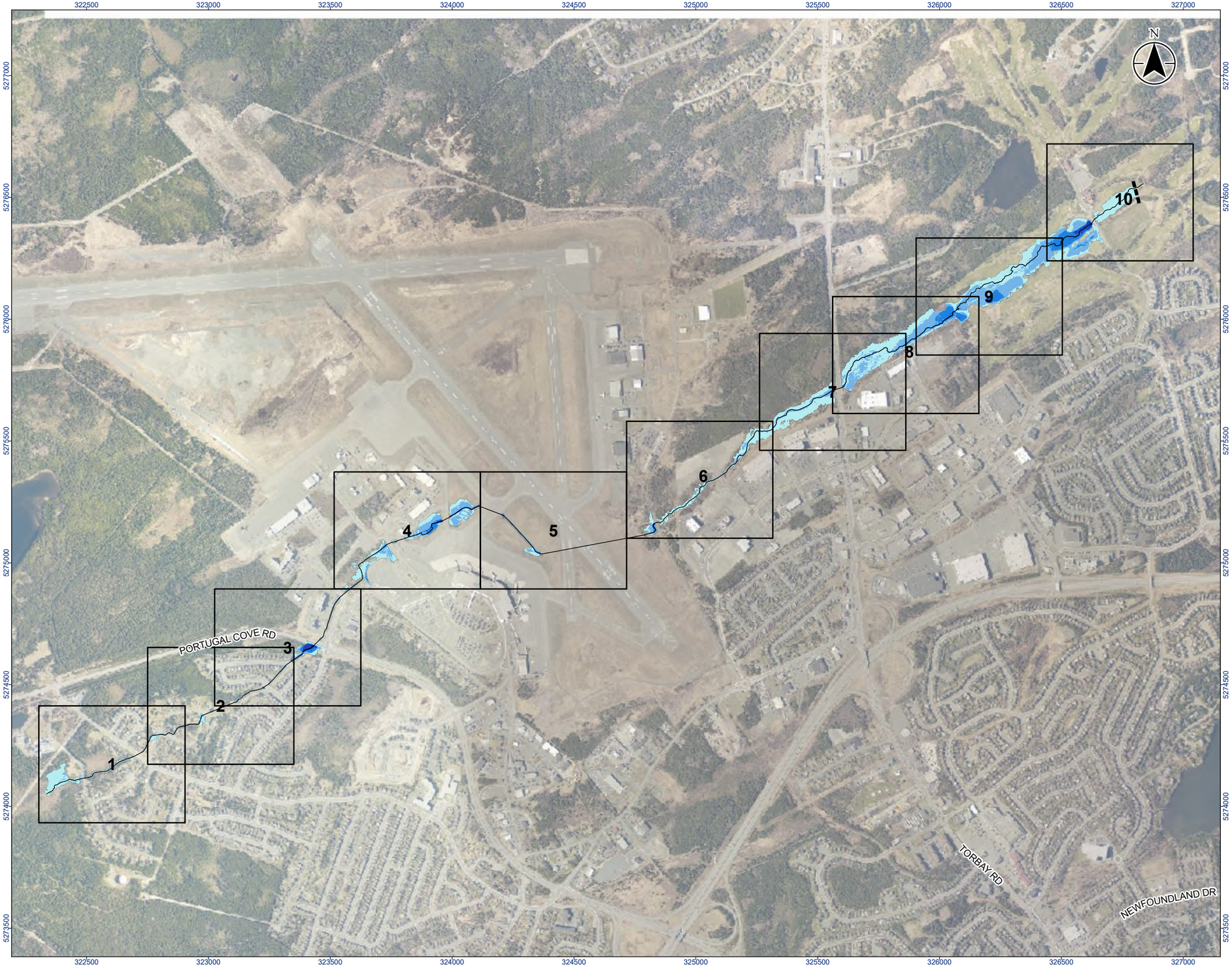
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
39-6

Title
Climate Change Condition
100-Year Inundation - Mundy Pond Brook
Sheet 6 of 6

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Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 310 620 m

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-20

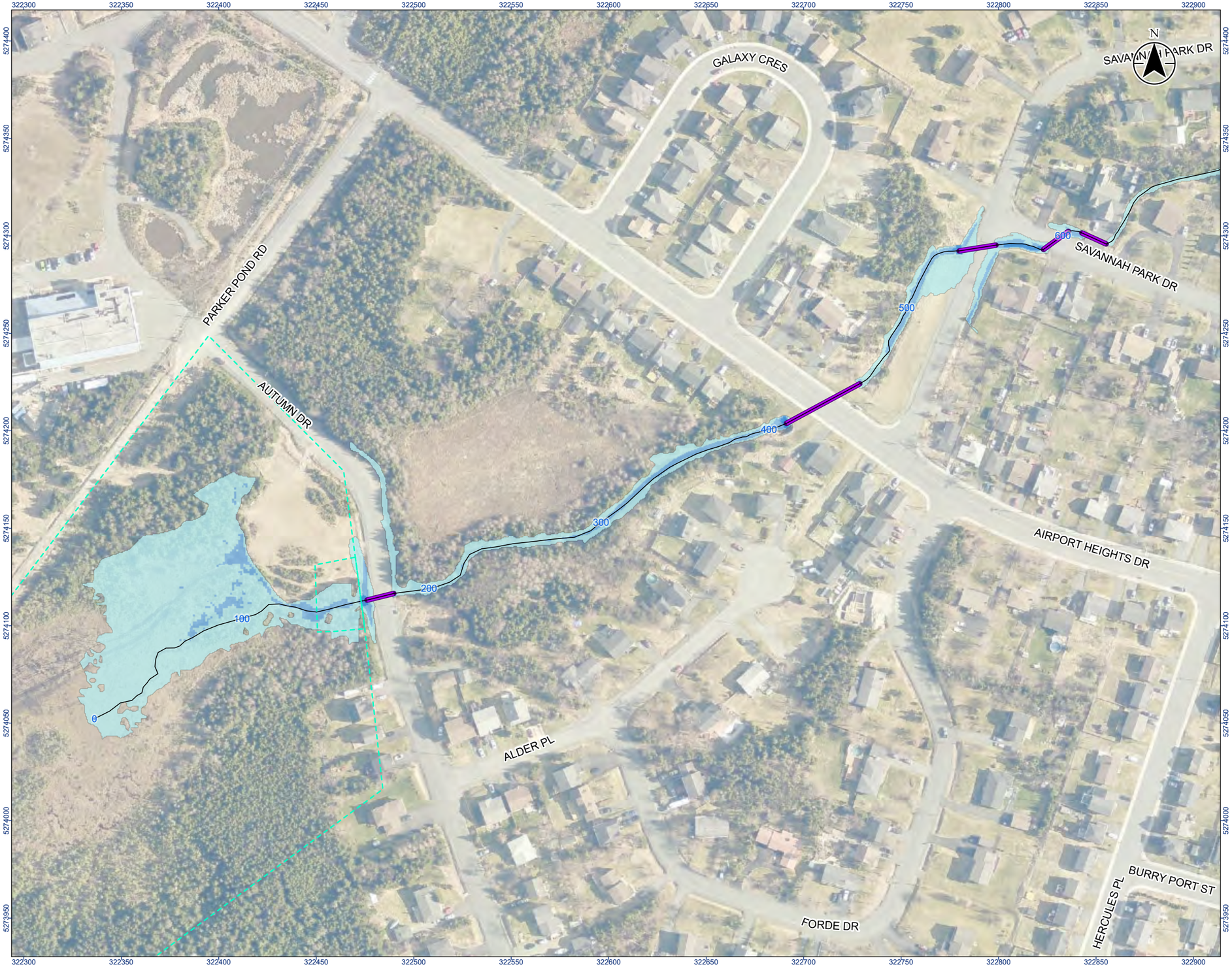
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-0

Title
Climate Change Condition 100-Year Inundation - Outer Cove Brook Overview Map

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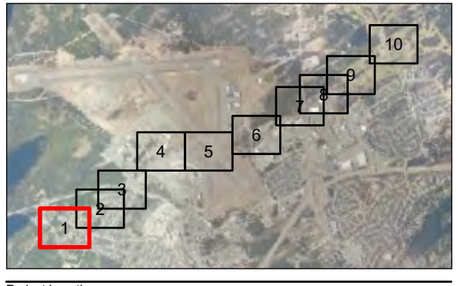
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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163401903 REVA
Prepared by kaitang on 2024-12-19

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-1

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 1 of 10

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Stantec

Legend

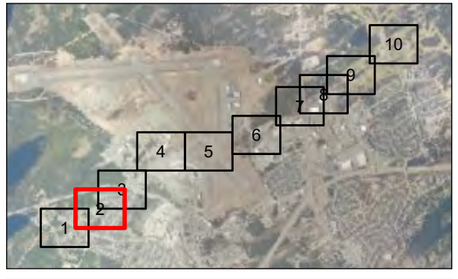
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- Modelled Culvert
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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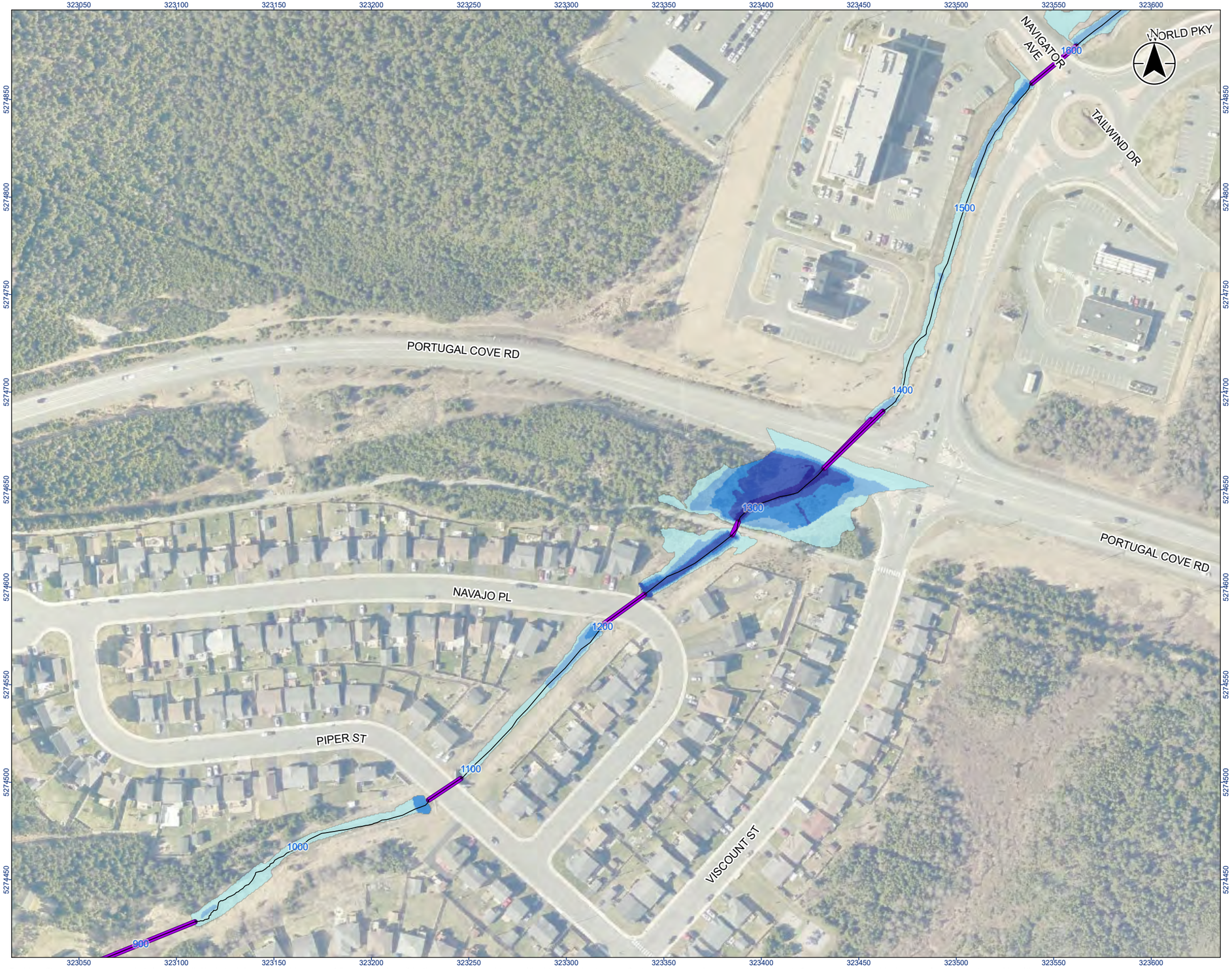
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-2

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 2 of 10

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Legend

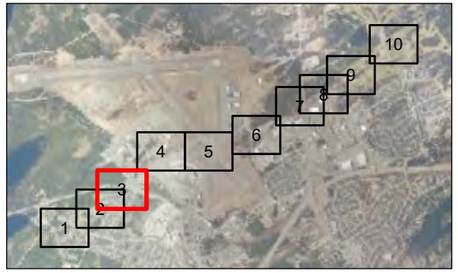
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2024-12-19

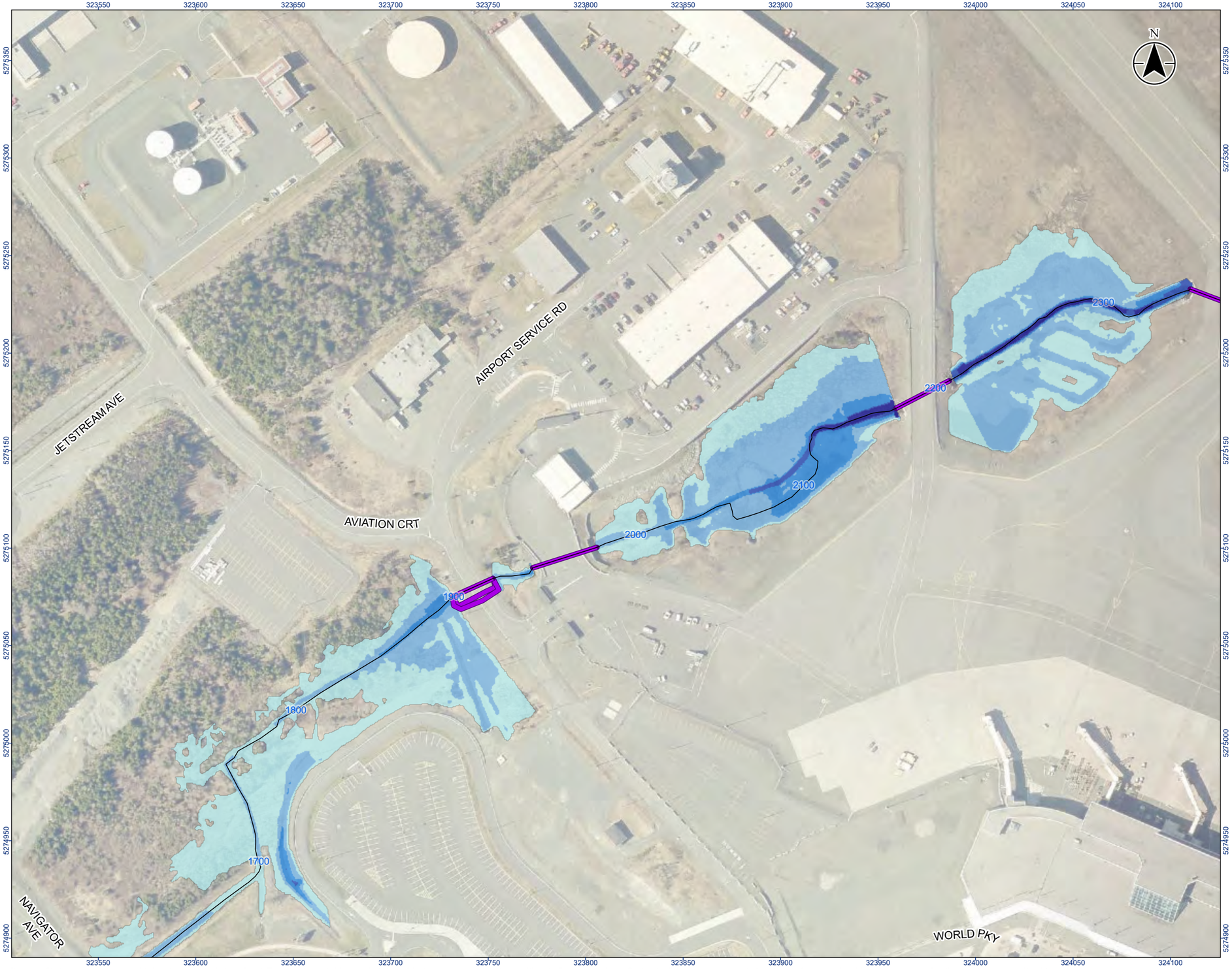
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-3

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 3 of 10

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Stantec

Legend

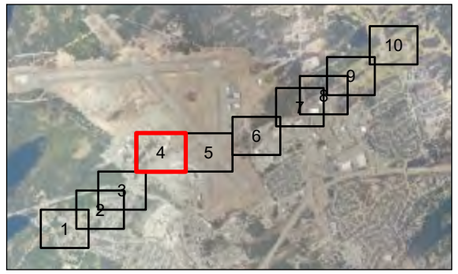
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
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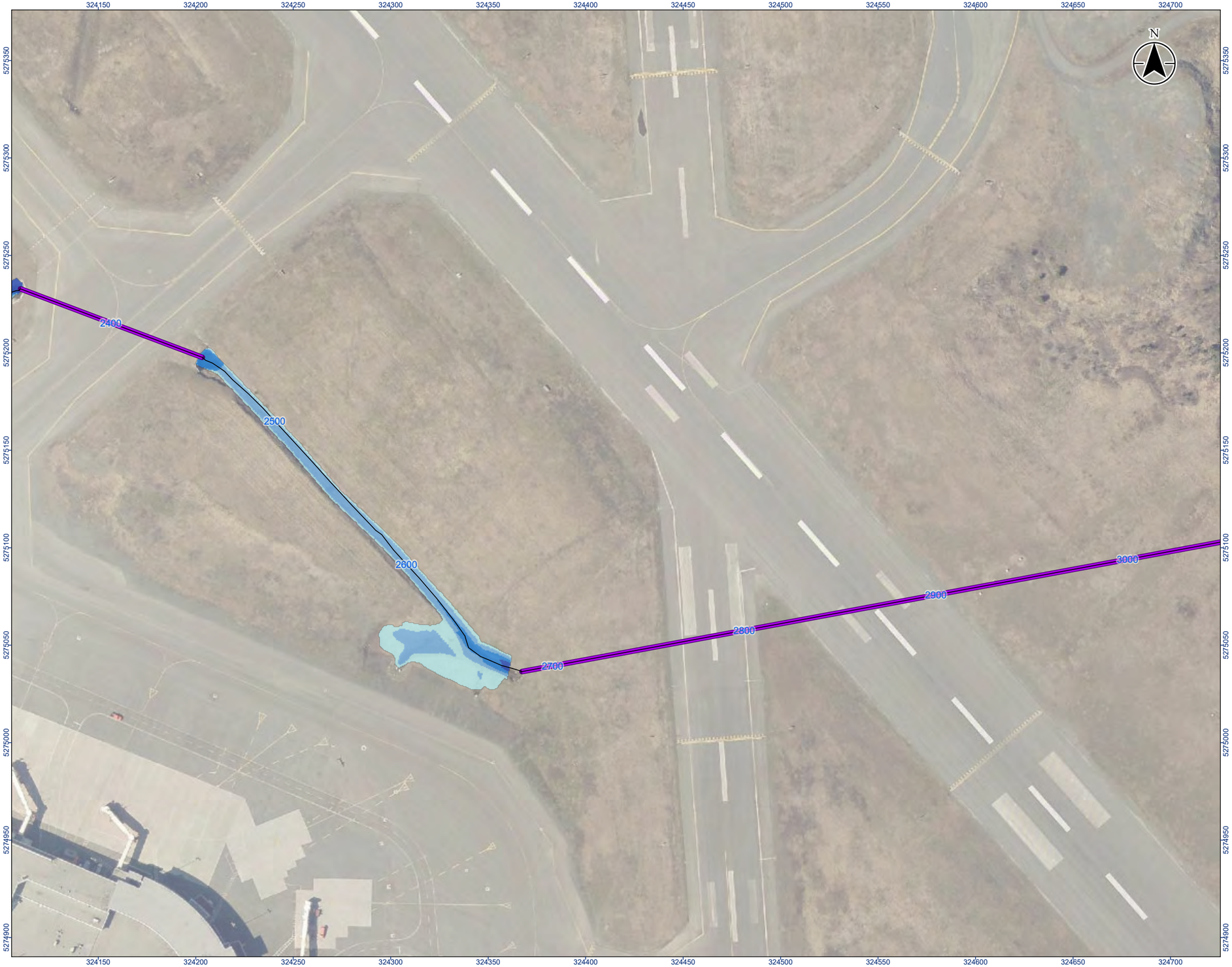
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-4

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 4 of 10

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Stantec

Legend

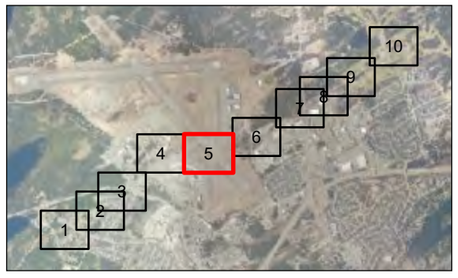
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-5

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 5 of 10

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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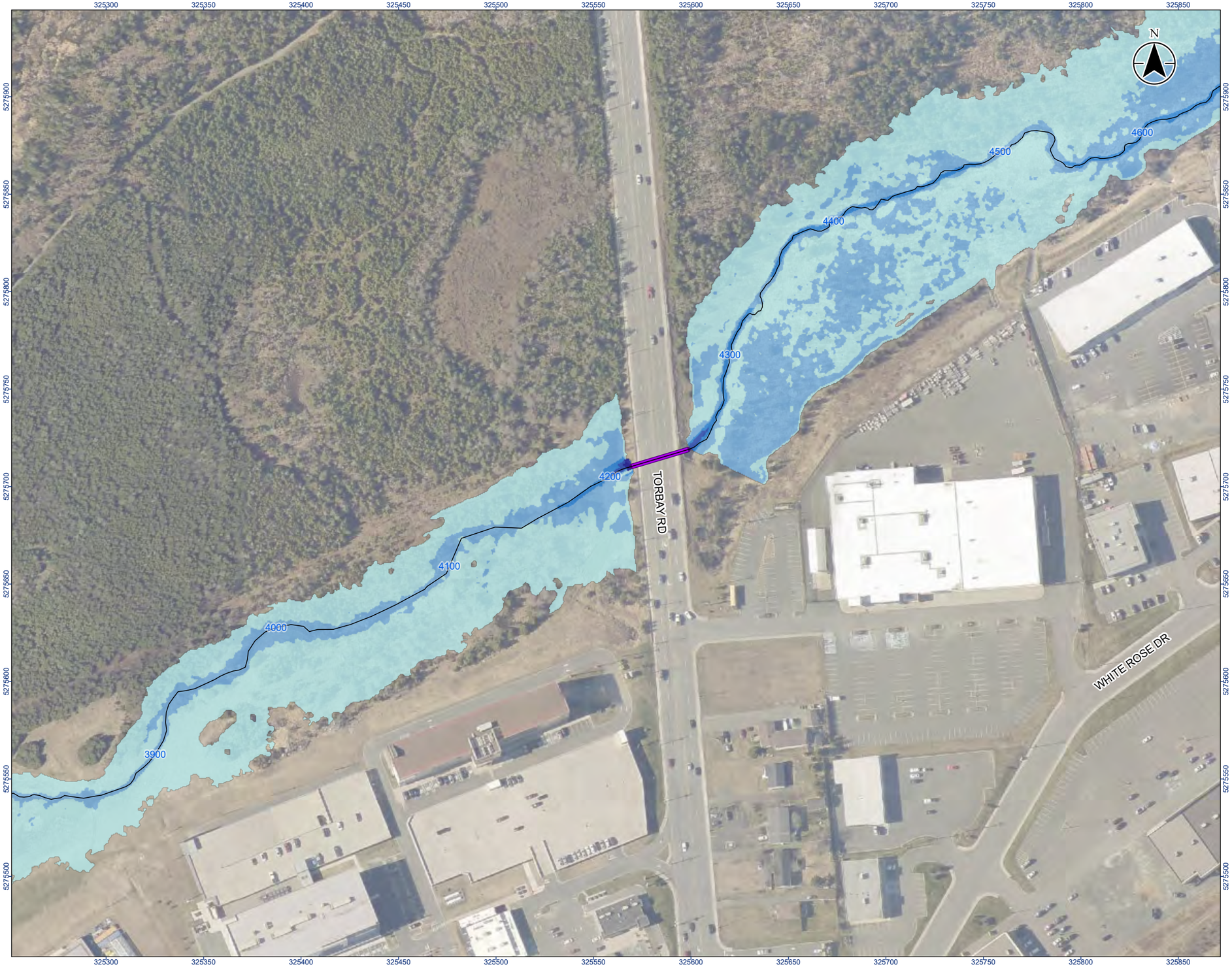
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-6

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 6 of 10

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Legend

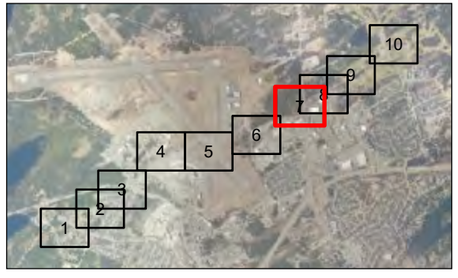
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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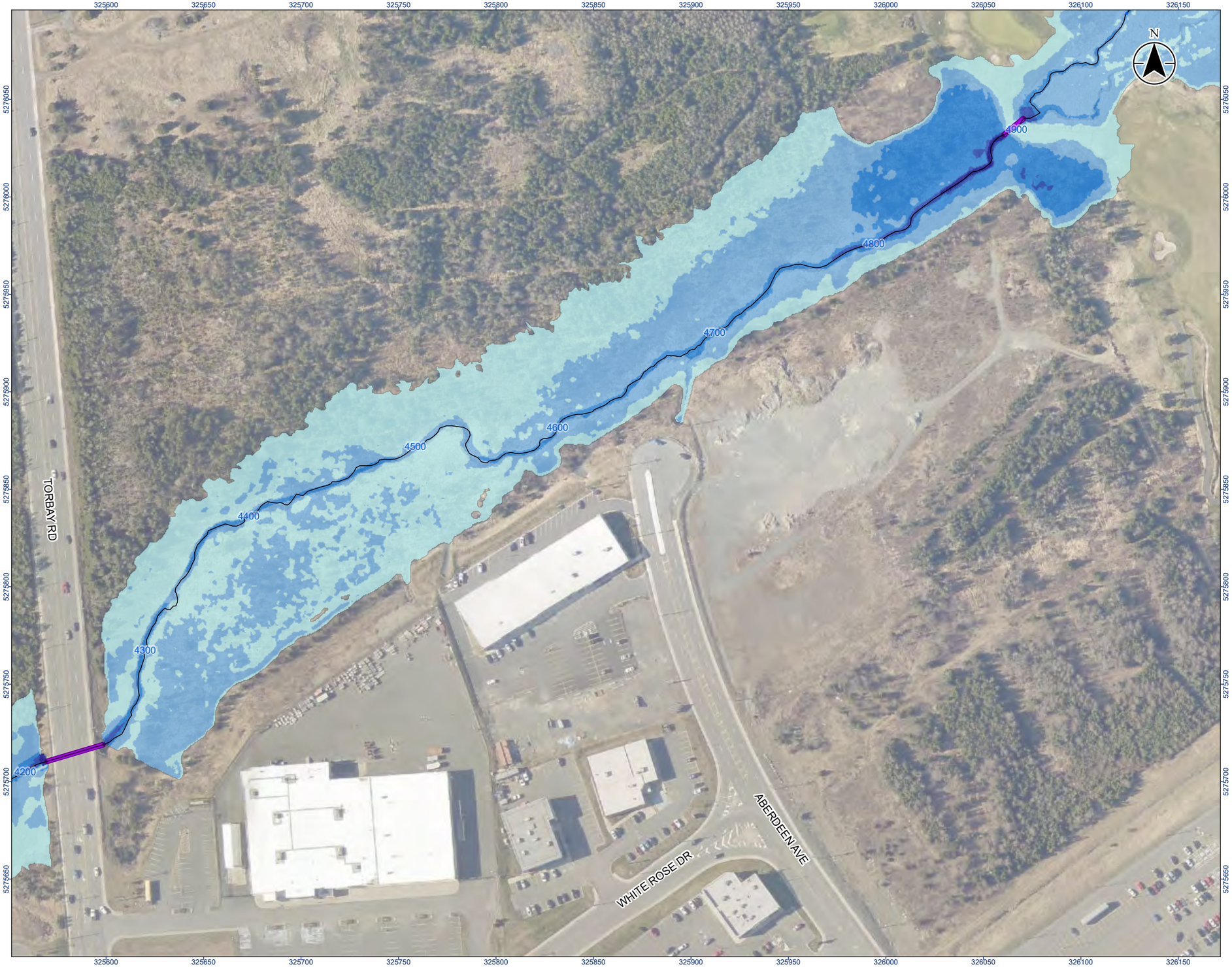
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-7

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 7 of 10

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Legend

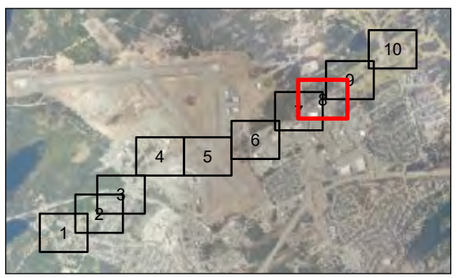
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

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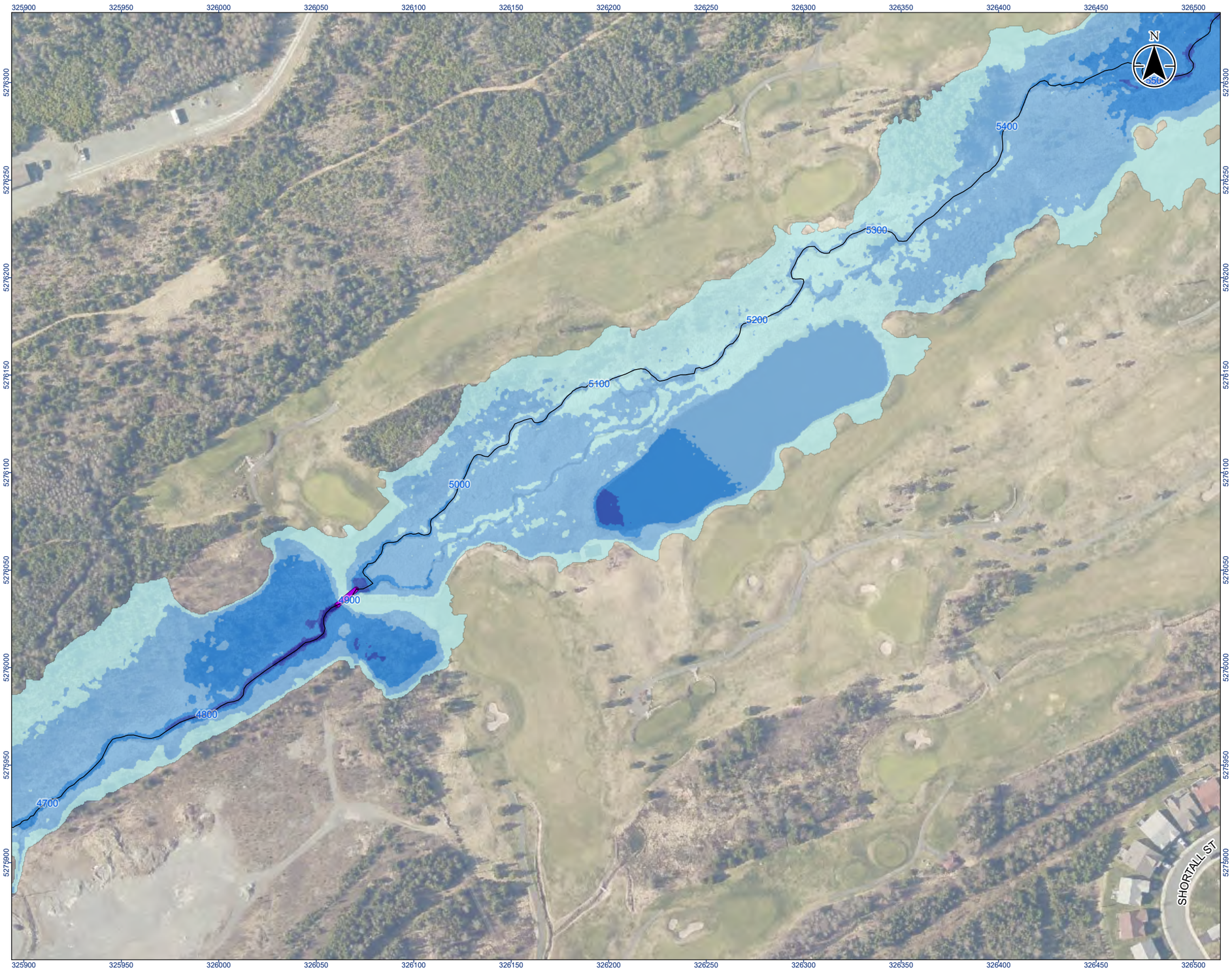
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-8

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 8 of 10

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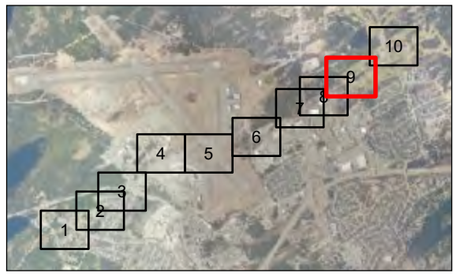
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
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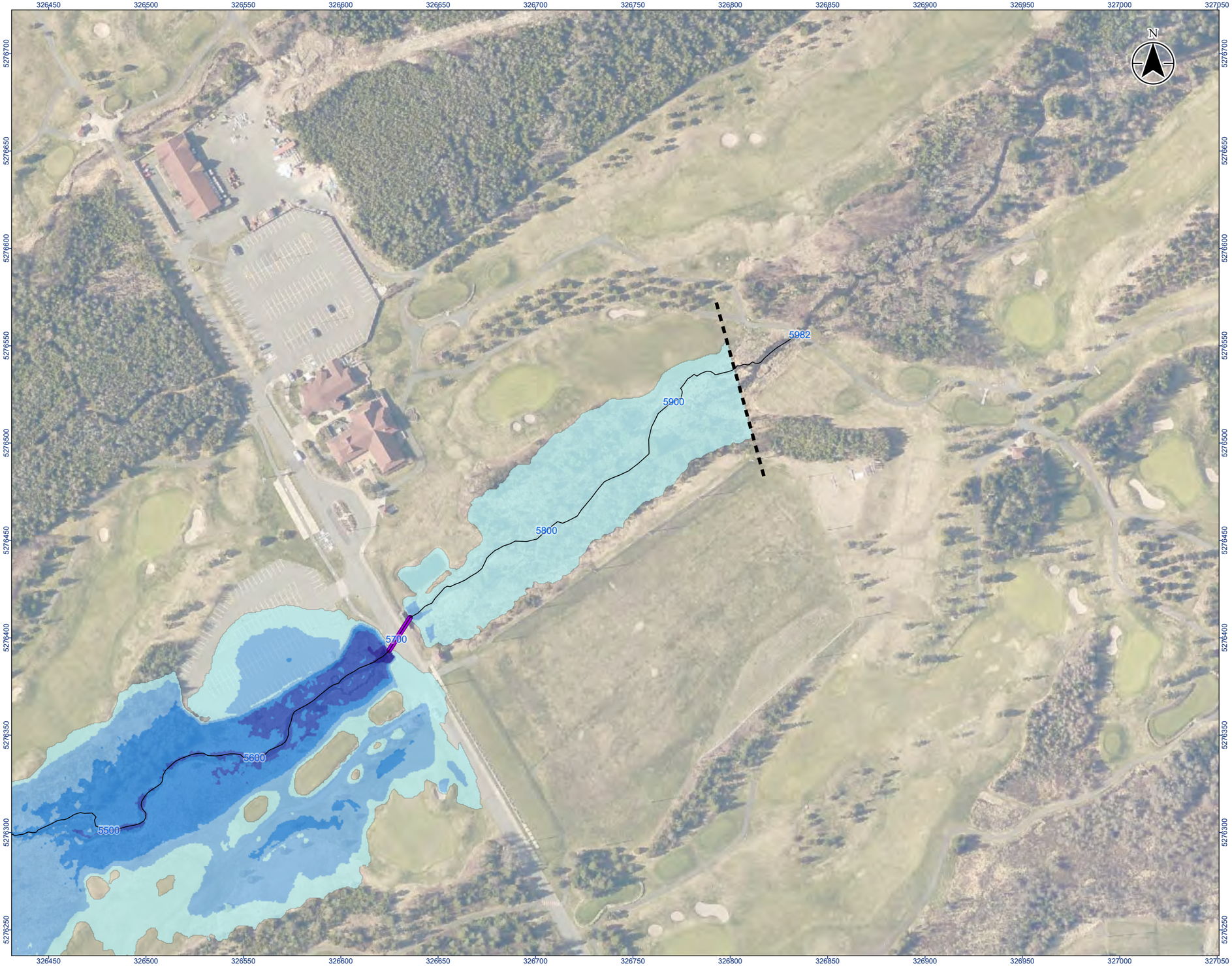
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-9

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 9 of 10

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Legend

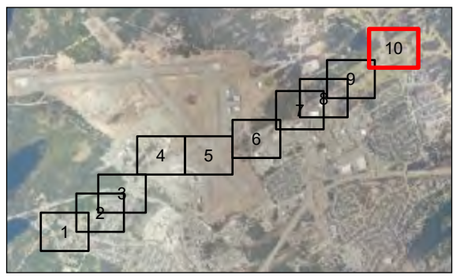
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
40-10

Title
Climate Change Condition
100-Year Inundation - Outer Cove Brook
Sheet 10 of 10

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316200 316400 316600 316800 317000 317200 317400 317600 317800

5262400 5262200 5262000 5261800 5261600 5261400 5261200

N

1 2 3

Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 110 220 m

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Notes

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Project Location
City of St. John's

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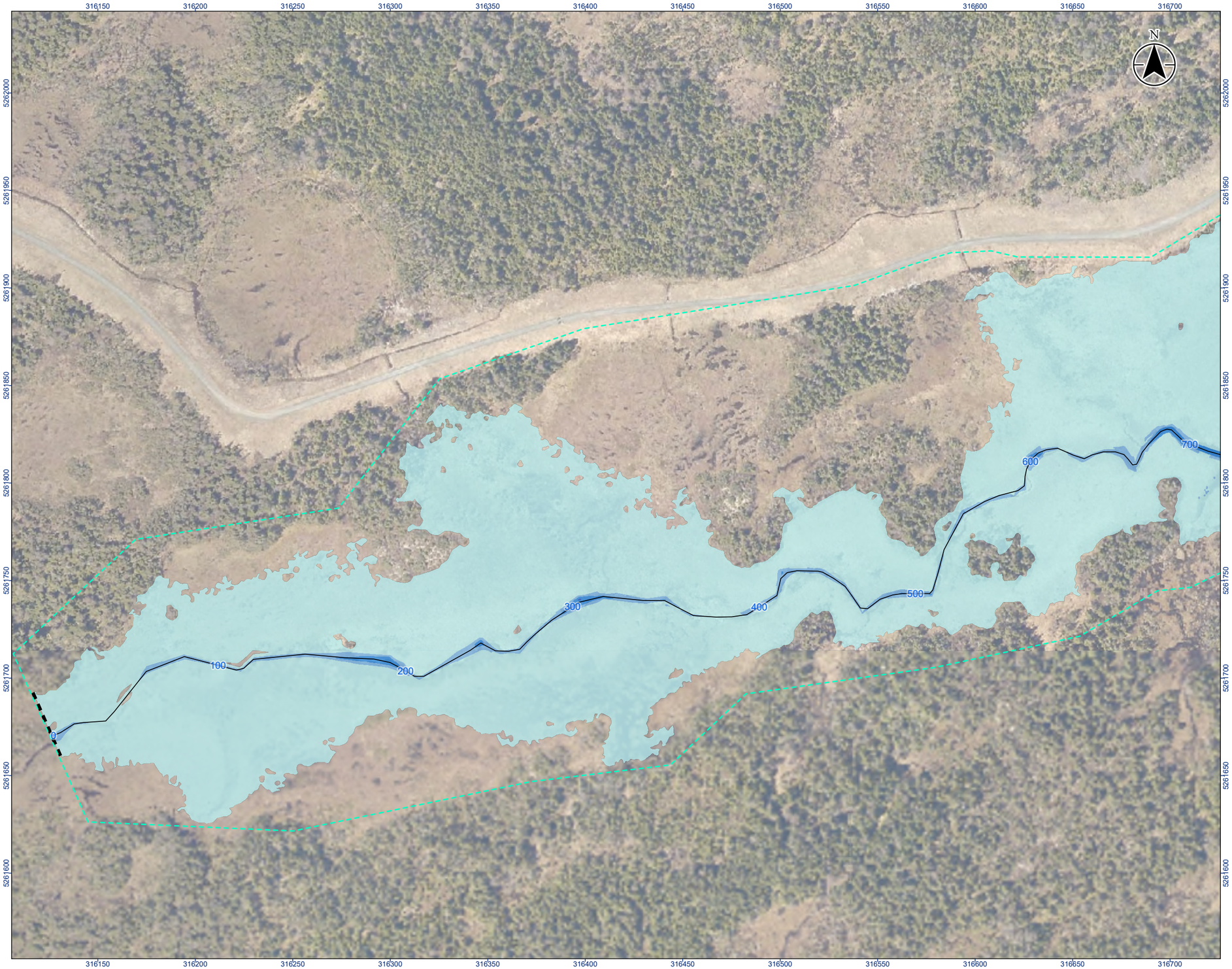
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
41-0

Title
Climate Change Condition 100-Year Inundation - South Brook Overview Map

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Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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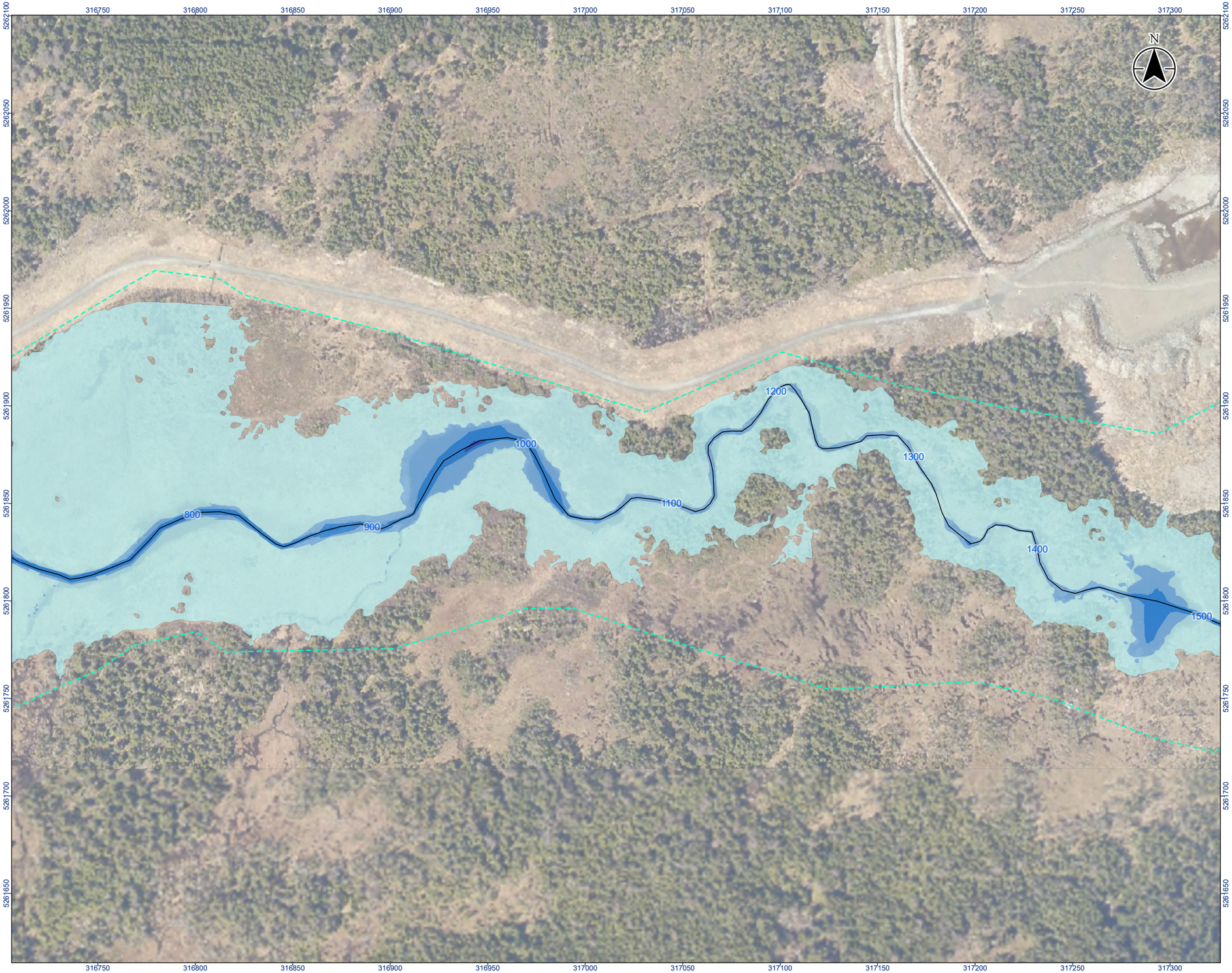
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
41-1

Title
Climate Change Condition
100-Year Inundation - South Brook
Sheet 1 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Notes

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Project Location
City of St. John's

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Prepared by kaitang on 2025-04-01

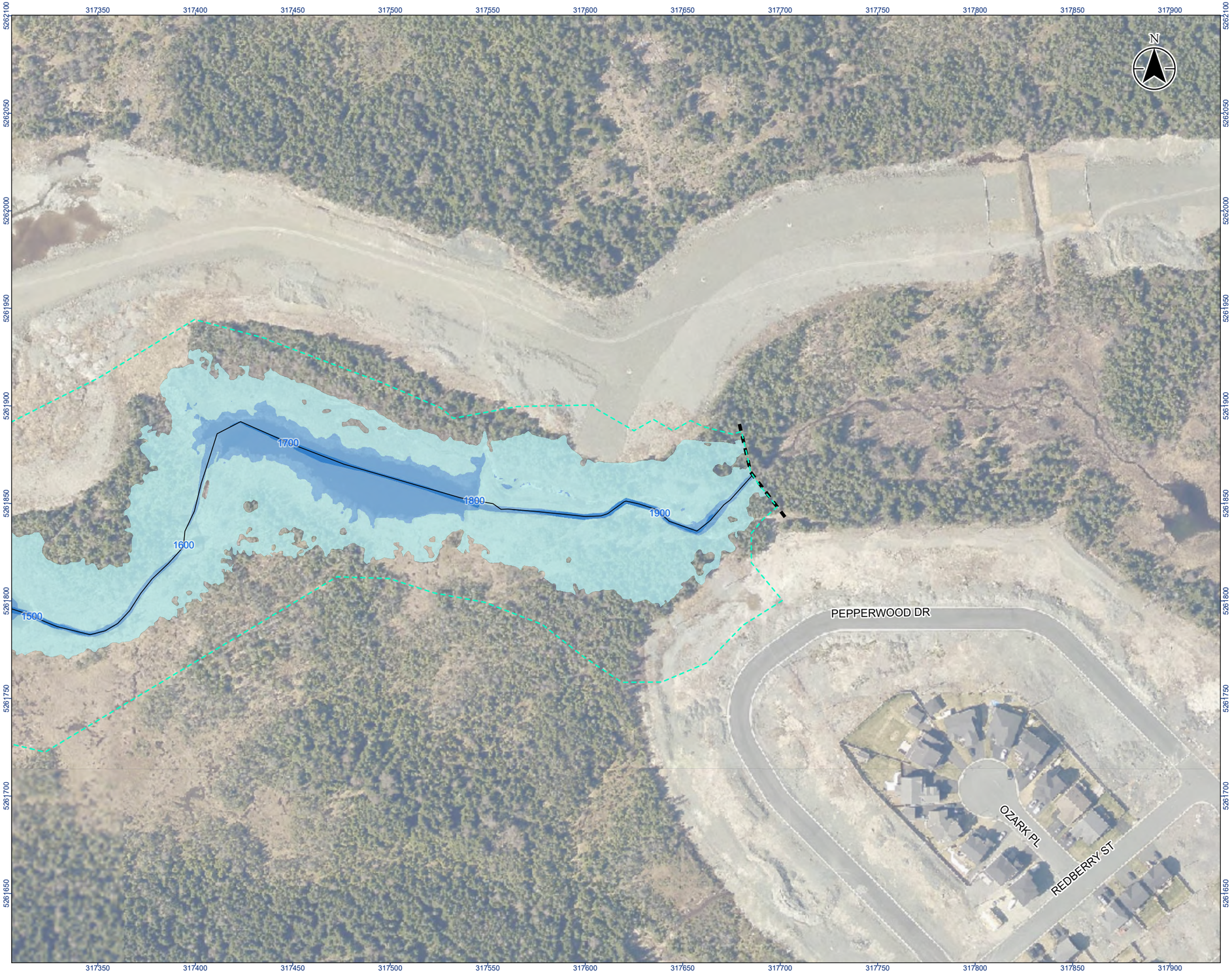
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
41-2

Title
Climate Change Condition
100-Year Inundation - South Brook
Sheet 2 of 3

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Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m
1:2,000 (At original document size of 11x17)

Notes
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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-04-01

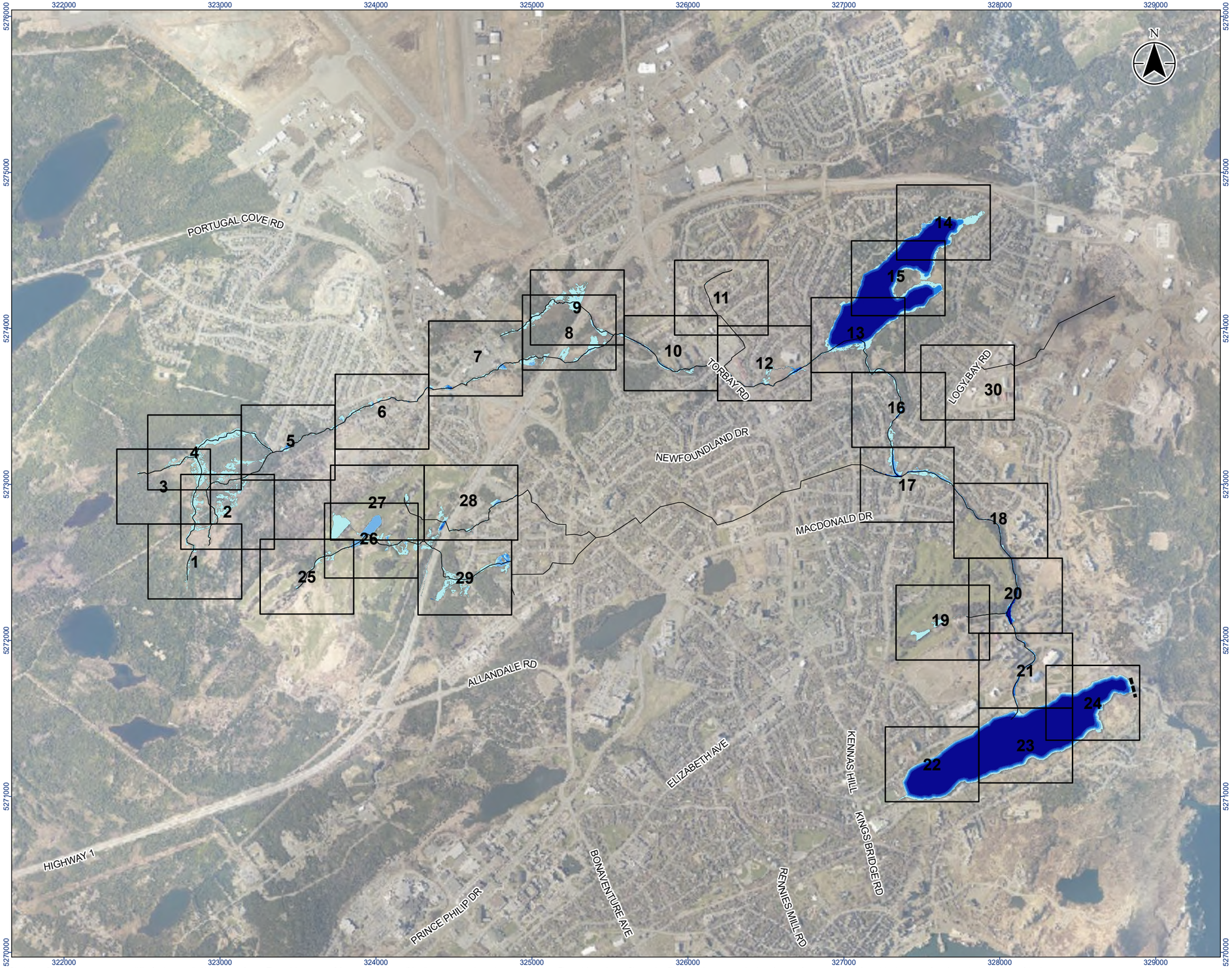
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
41-3

Title
Climate Change Condition
100-Year Inundation - South Brook
Sheet 3 of 3

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Stantec

Legend

- River/Creek Centreline
- Limit of Mapping
- Map Extents
- 100 Year Depth - 0.0 - 0.5 m
- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 490 980 m

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Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by jacwalker on 2024-12-20

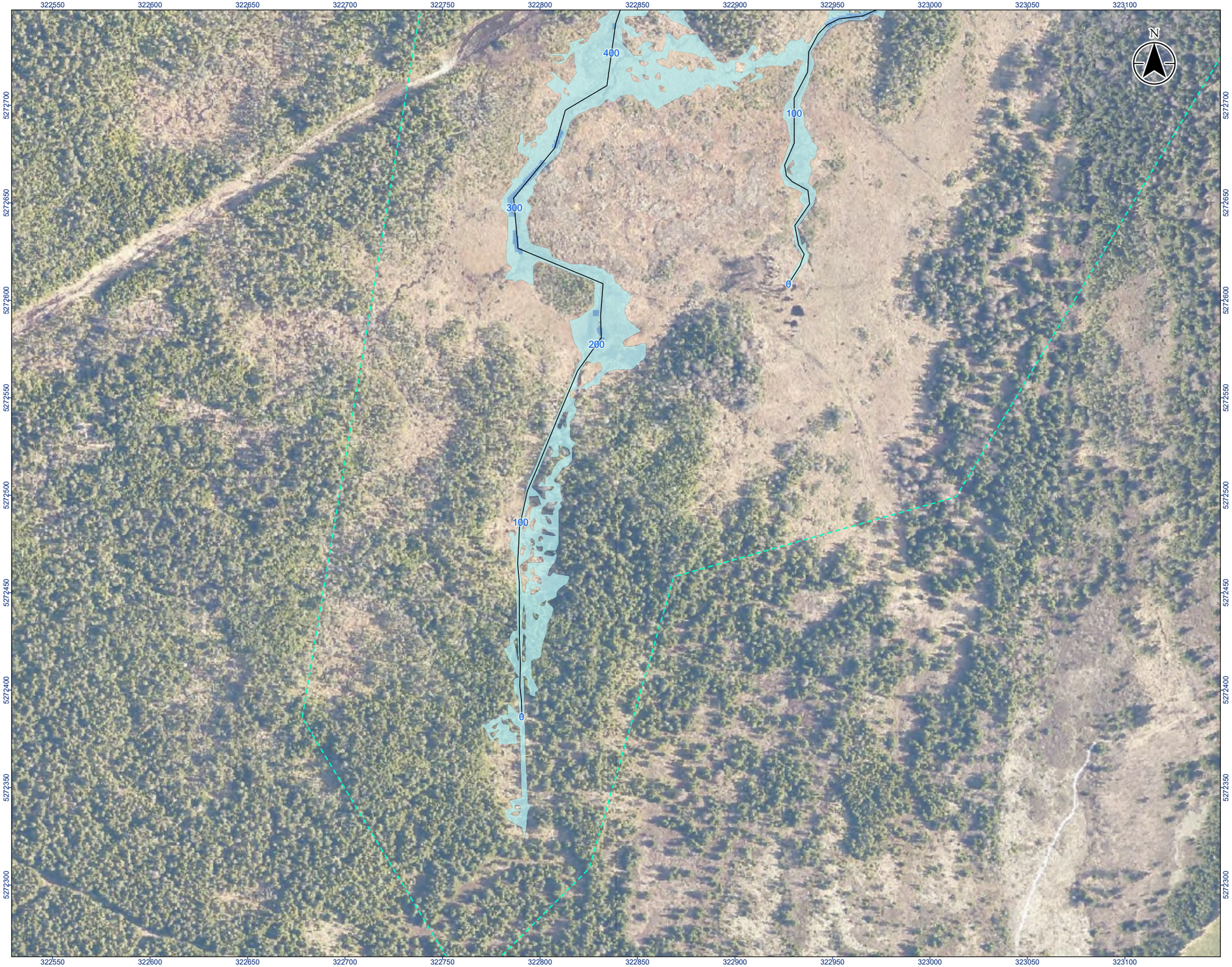
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-0

Title
Climate Change Condition 100-Year Inundation - Virginia River Overview Map

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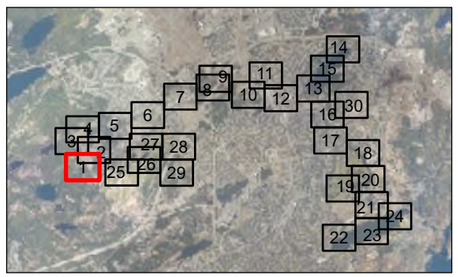
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
- 100 Year Depth - 0.0 - 0.5 m
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

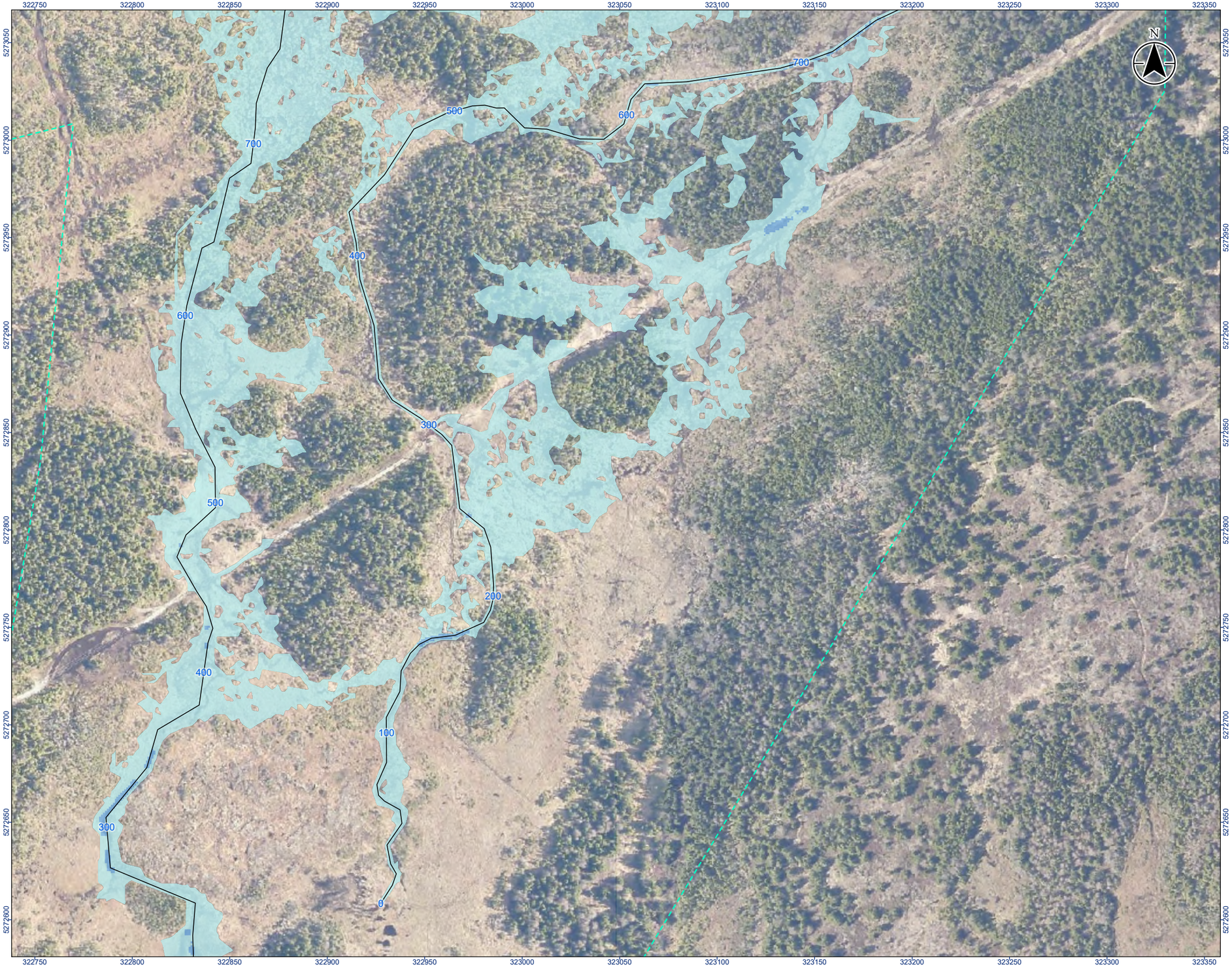
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-1

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 1 of 30

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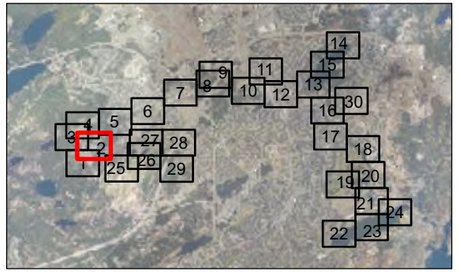
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- Modelled Culvert
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

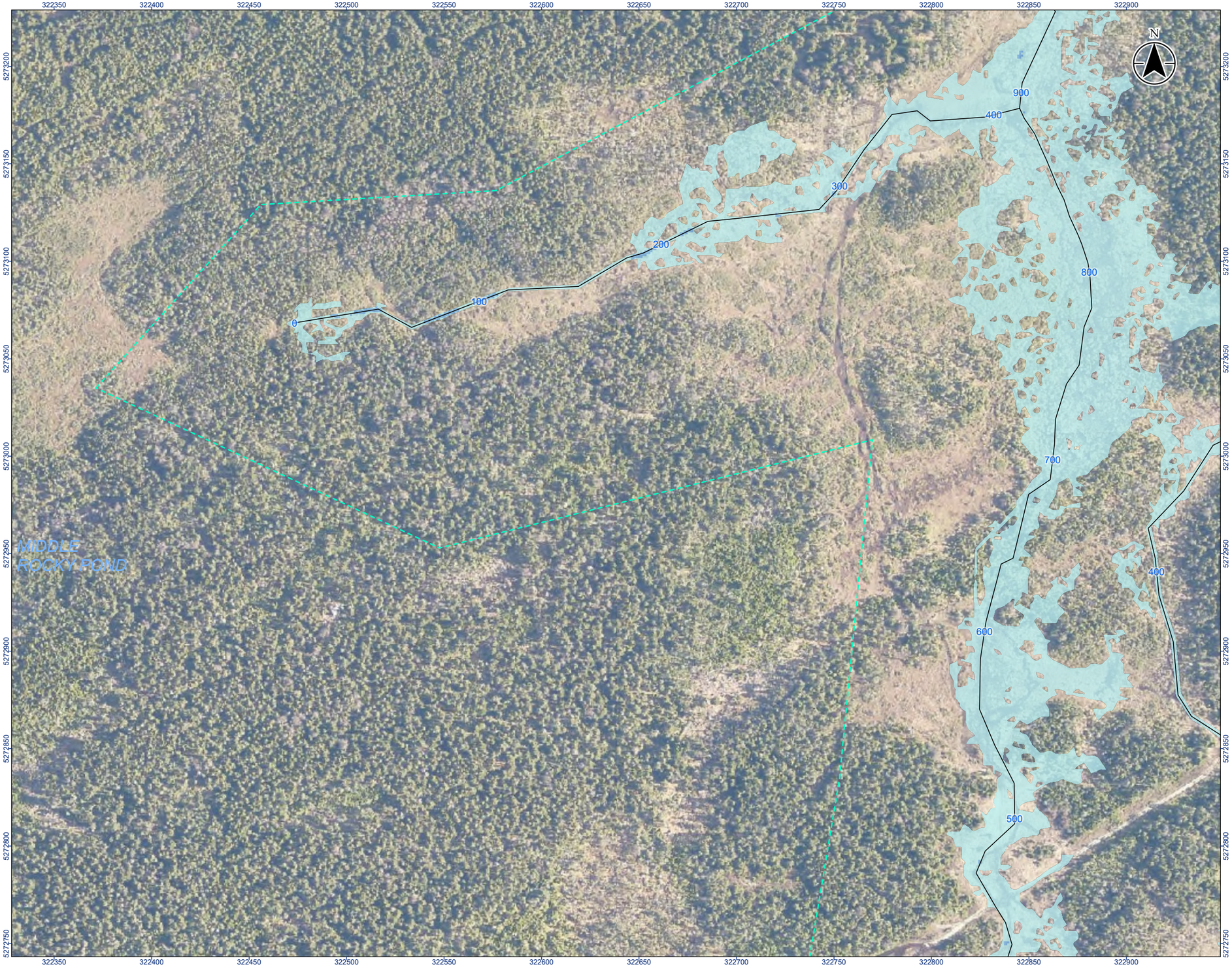
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-2

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 2 of 30

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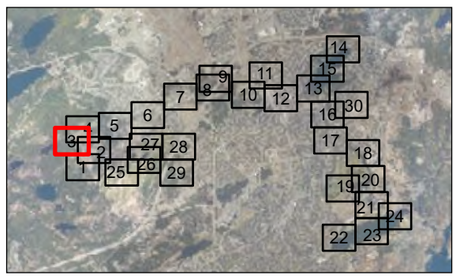
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- Modelled Culvert
- Limit of Mapping
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
City of St. John's

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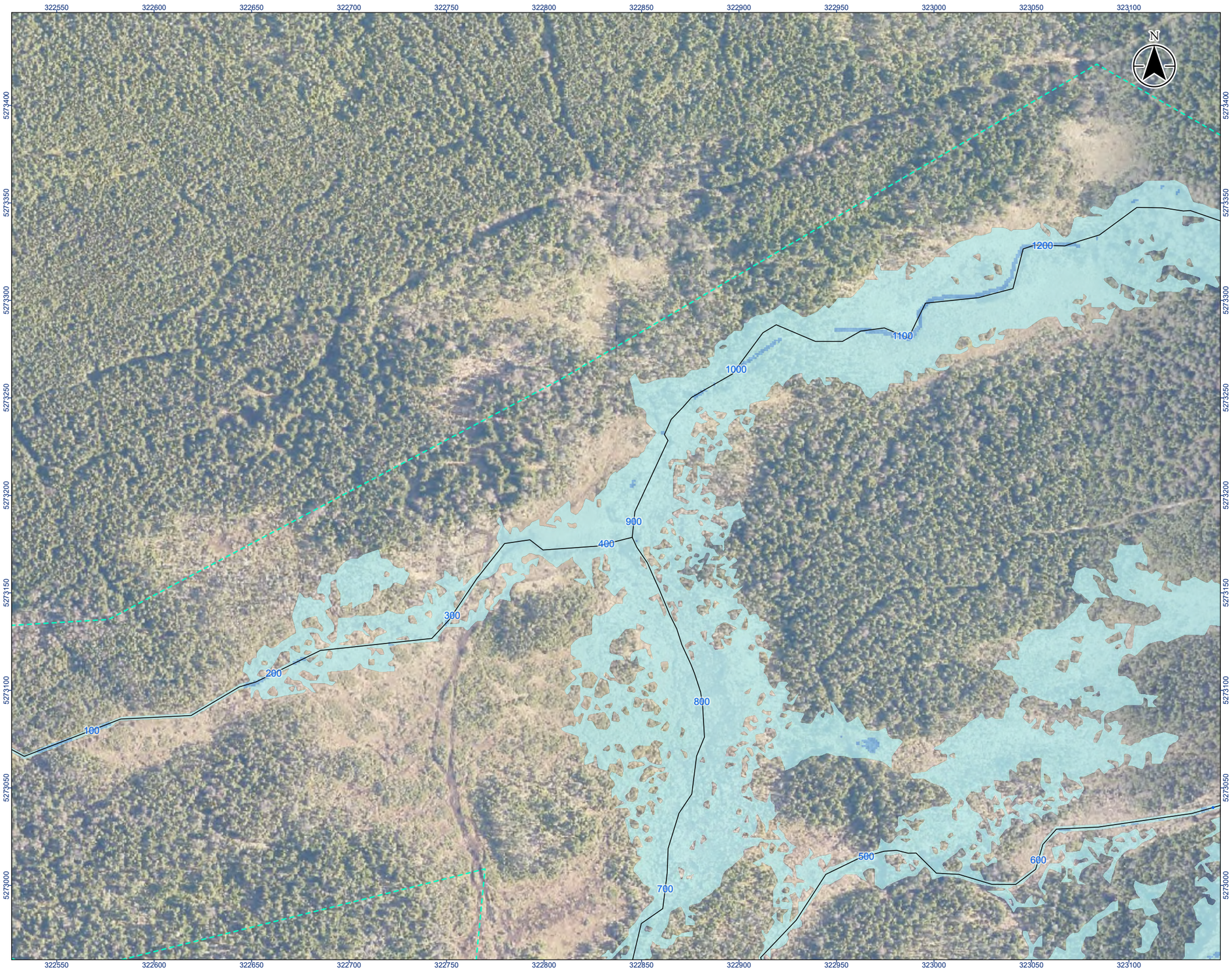
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-3

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 3 of 30

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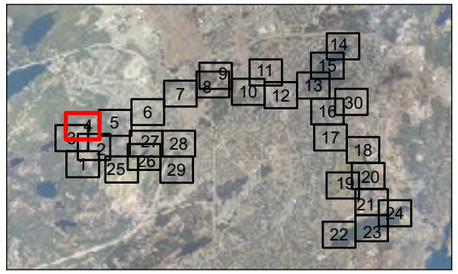
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- Modelled Culvert
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- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-4

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 4 of 30

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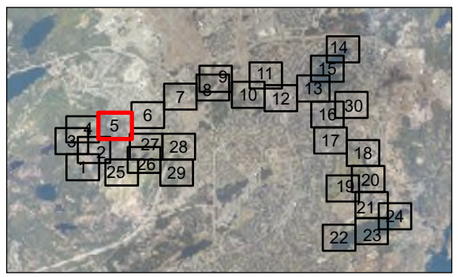
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- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-5

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 5 of 30

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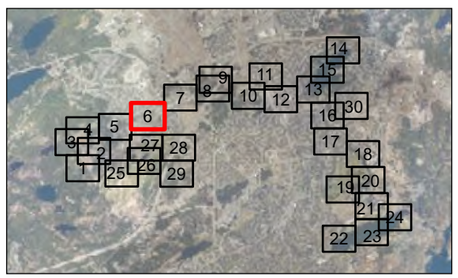
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-6

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 6 of 30

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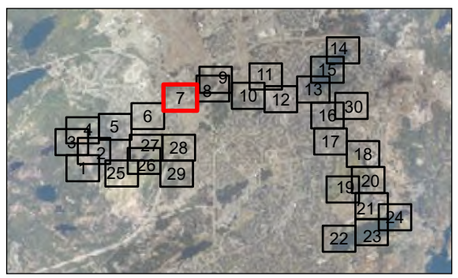
Stantec

Legend

- River/Creek Centreline
- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-7

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 7 of 30

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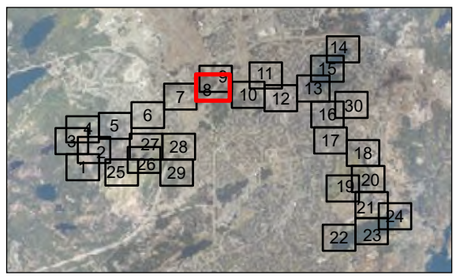
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- River/Creek Centreline
- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m
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Project Location
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-8

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 8 of 30

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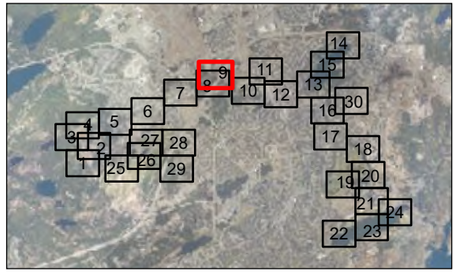
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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Prepared by kaitang on 2025-06-03

Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-9

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 9 of 30

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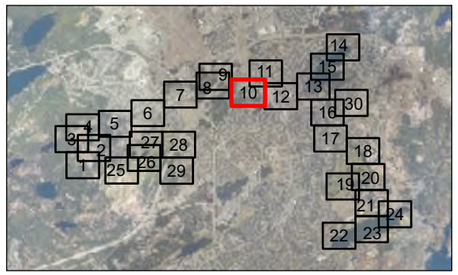
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
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Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-10

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 10 of 30

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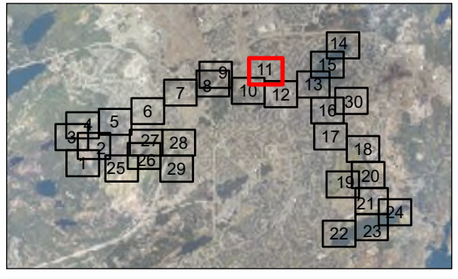
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

163401903 REVA
Prepared by kaitang on 2025-06-03

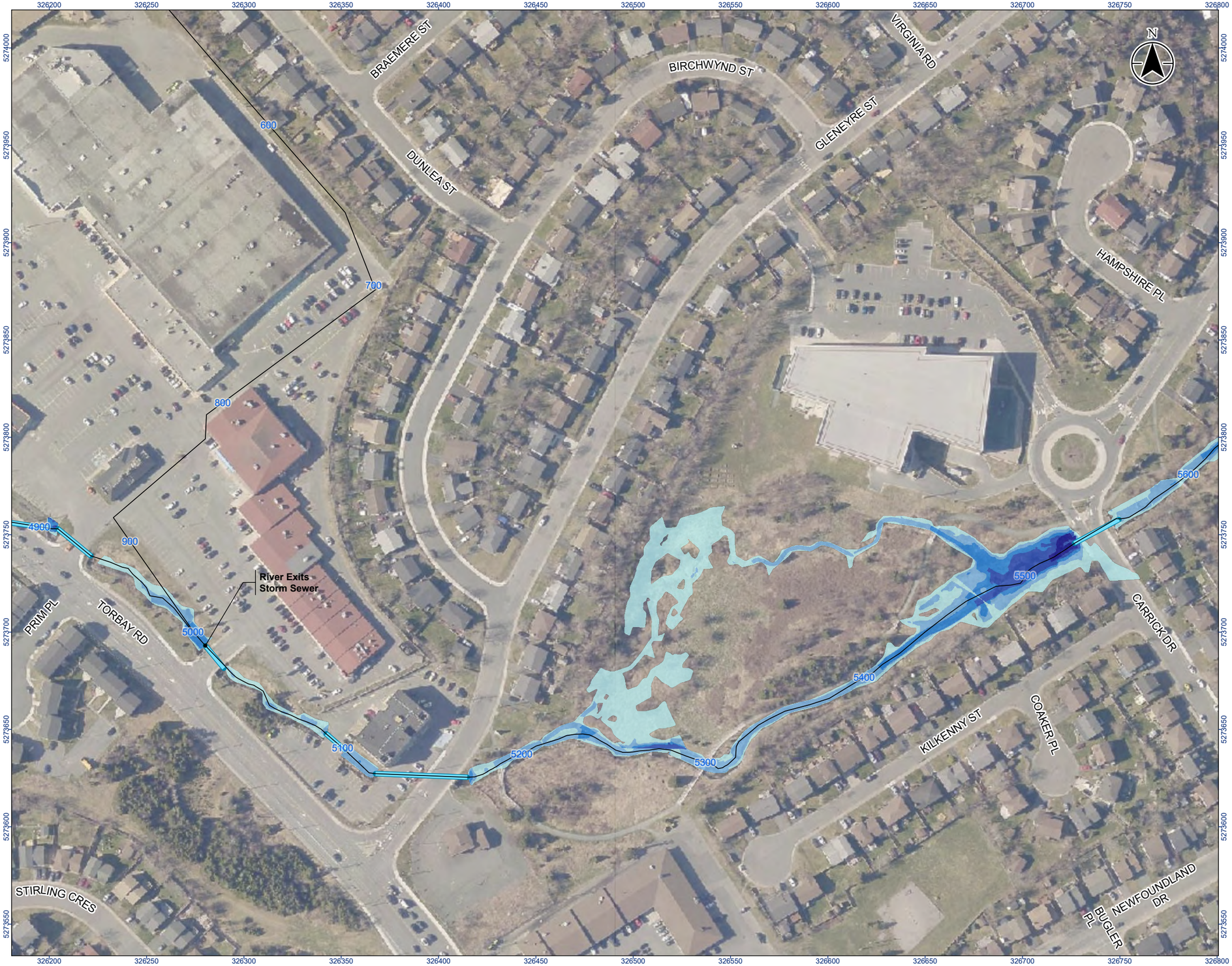
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-11

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 11 of 30

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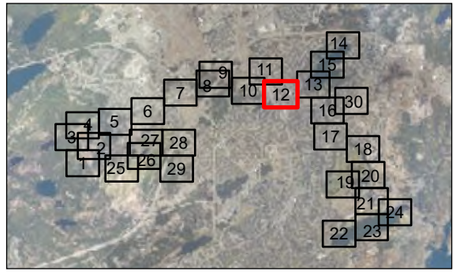
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-12

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 12 of 30

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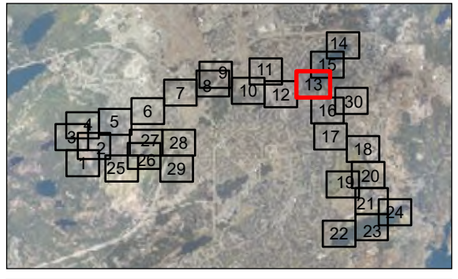
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-13

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 13 of 30

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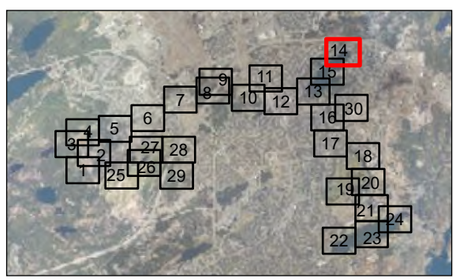
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-14

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 14 of 30

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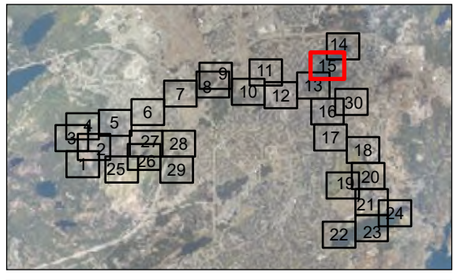
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- Modelled Culvert
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-15

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 15 of 30

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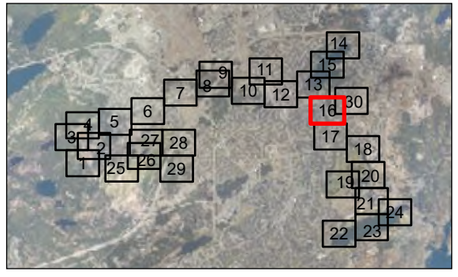
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- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m
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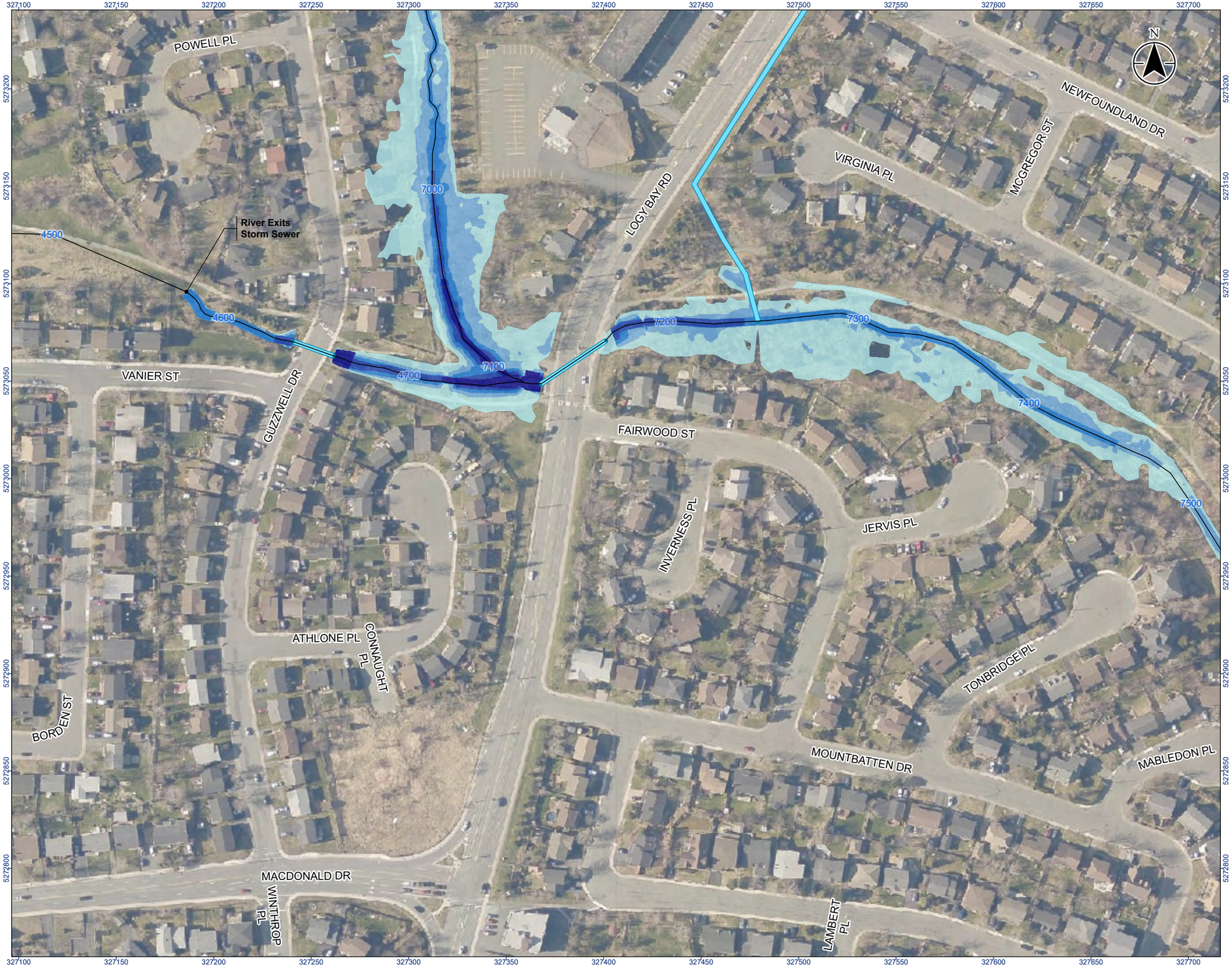
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-16

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 16 of 30

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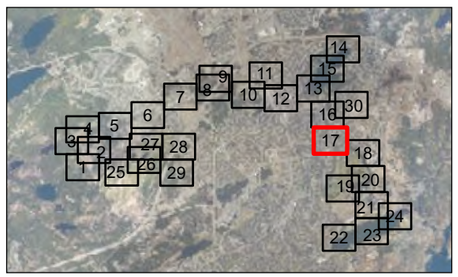
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-17

Title
Climate Change Condition
100-Year Inundation - Virginia River
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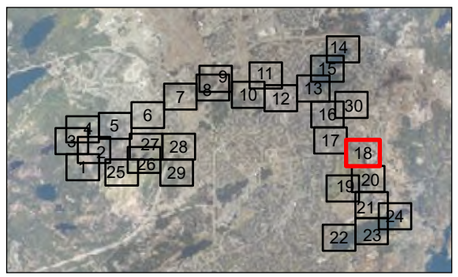
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- Modelled Culvert
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-18

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 18 of 30

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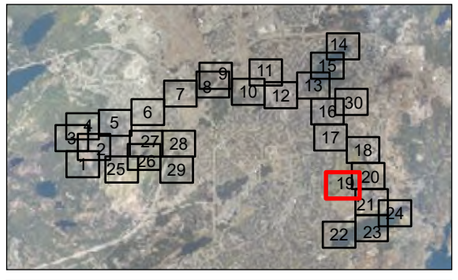
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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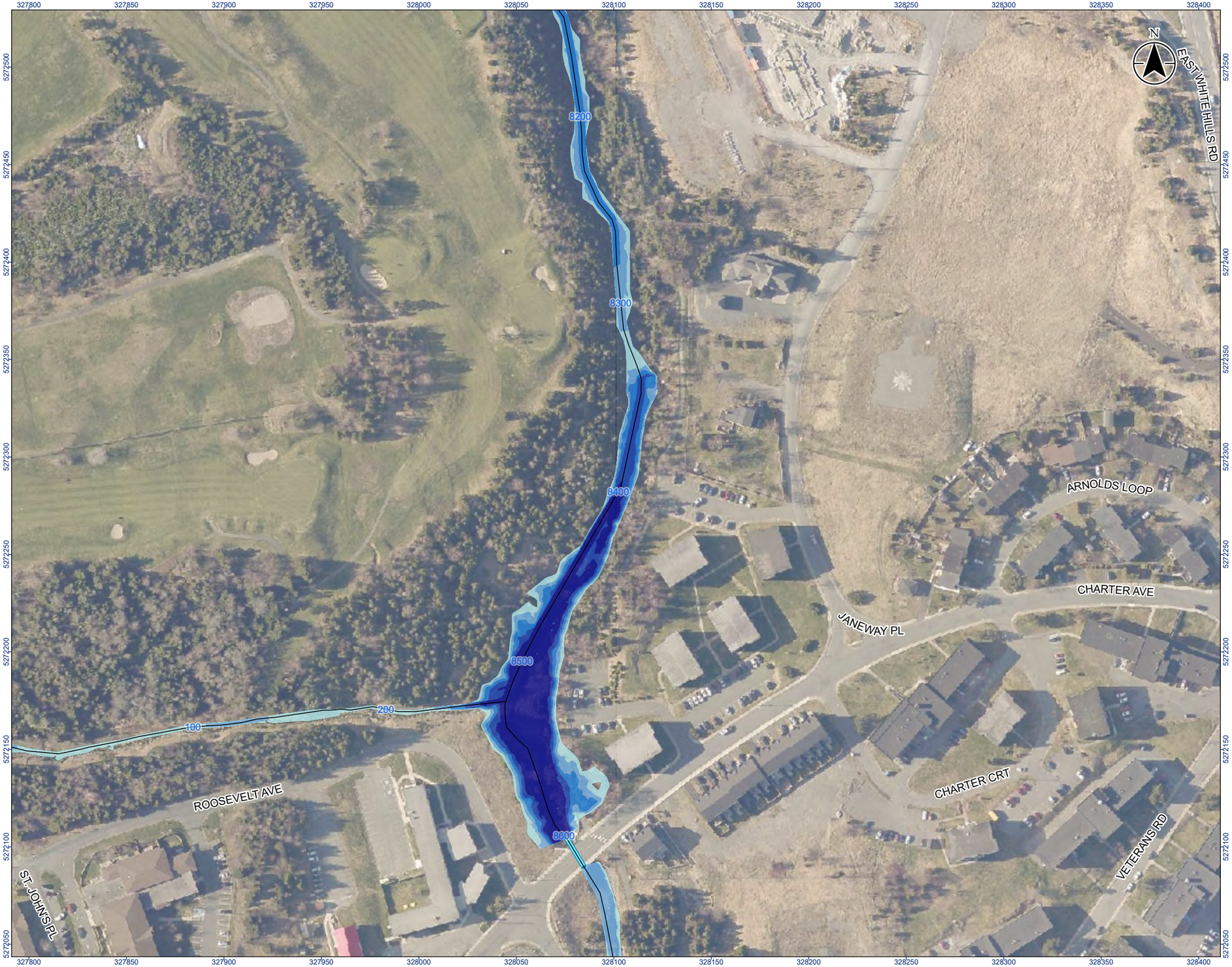
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-19

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 19 of 30

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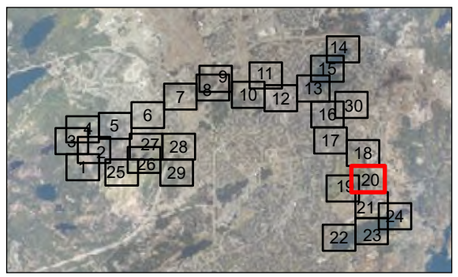
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-20

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 20 of 30

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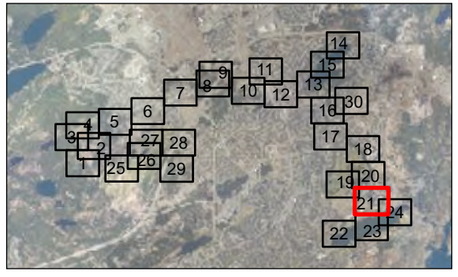
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-21

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 21 of 30

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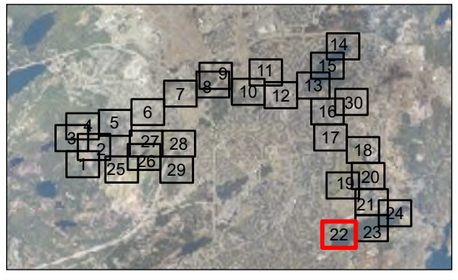
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- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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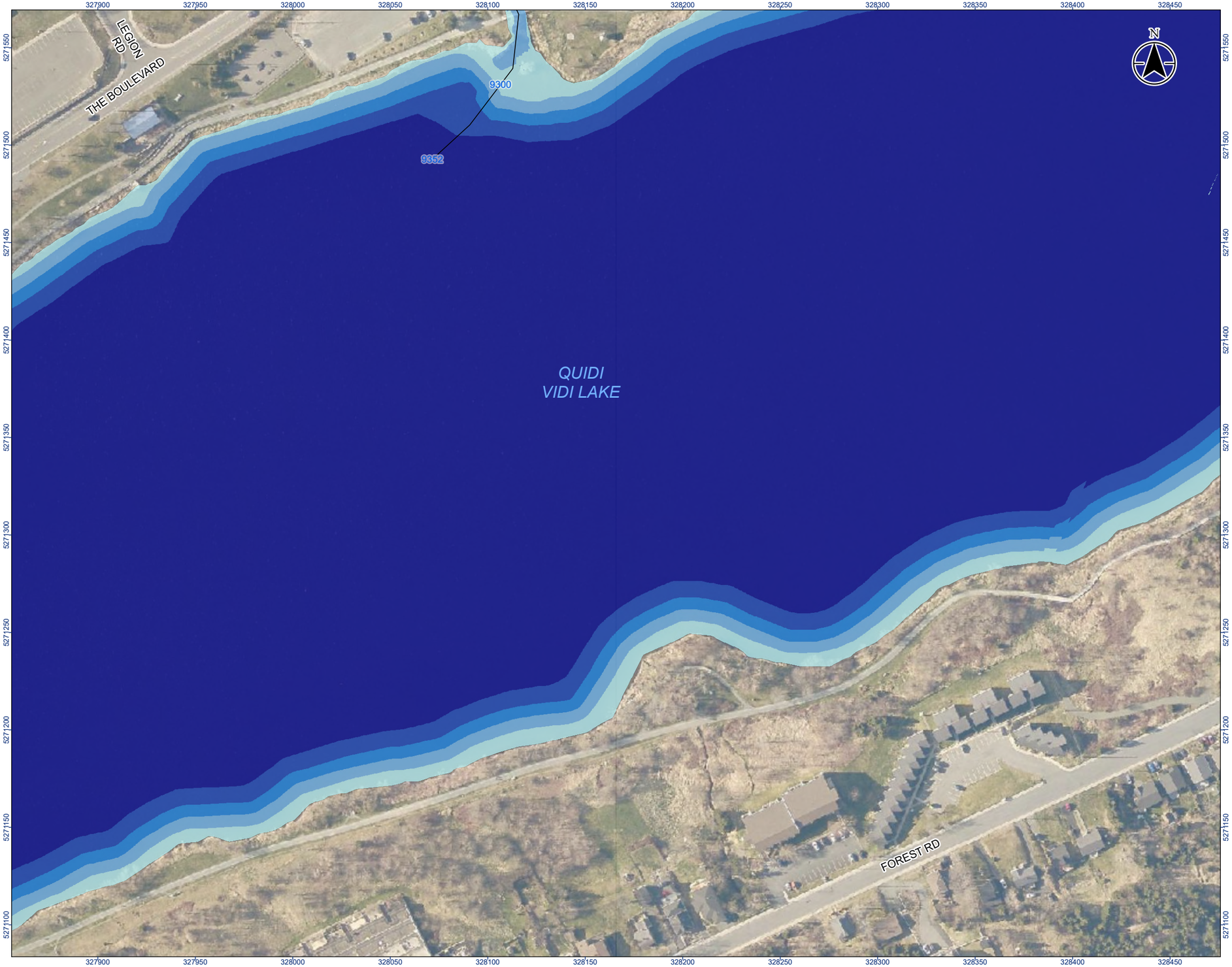
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-22

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 22 of 30

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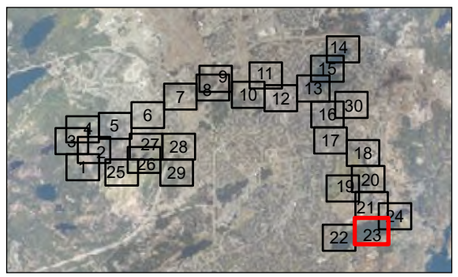
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- Modelled Culvert
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- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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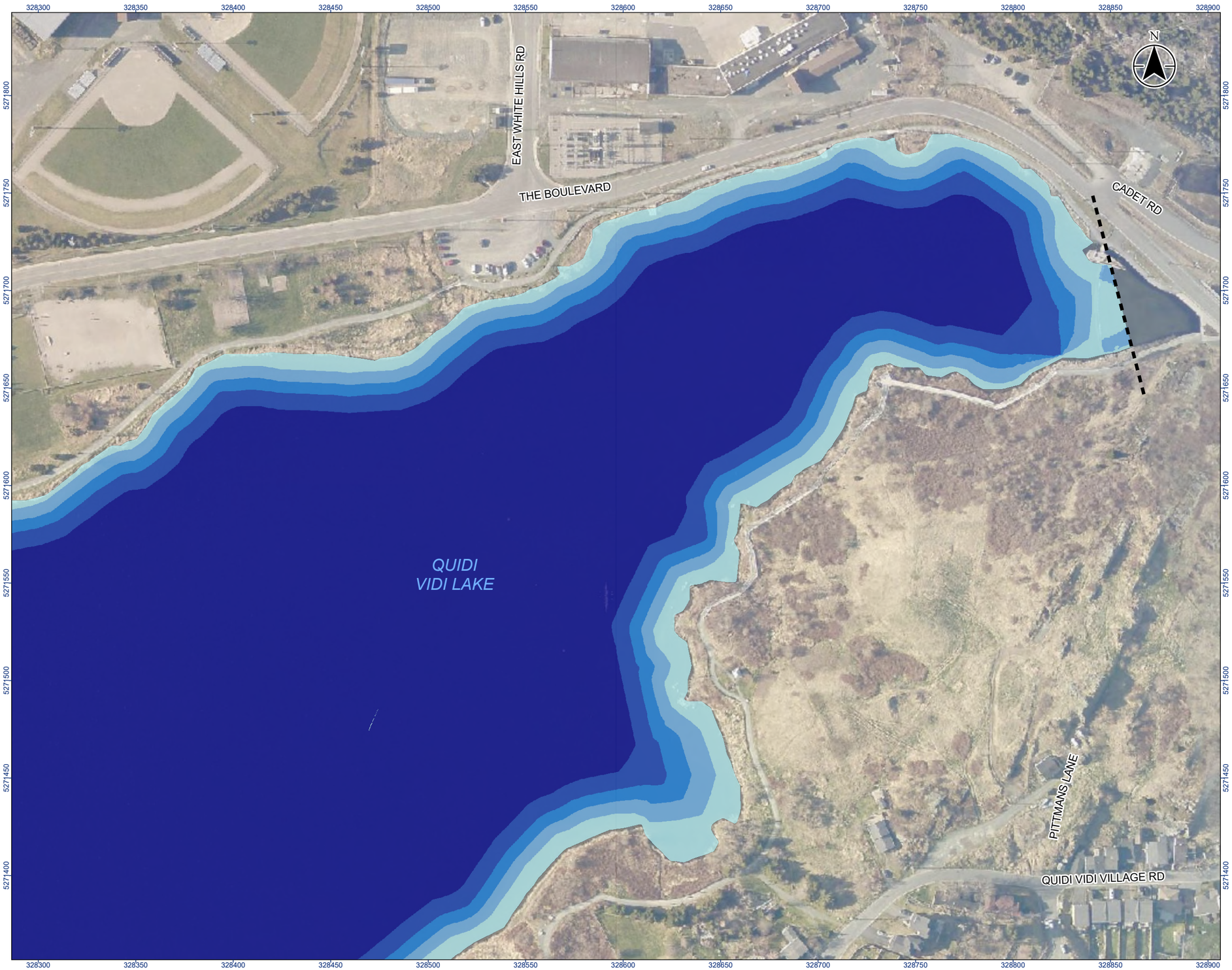
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-23

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 23 of 30

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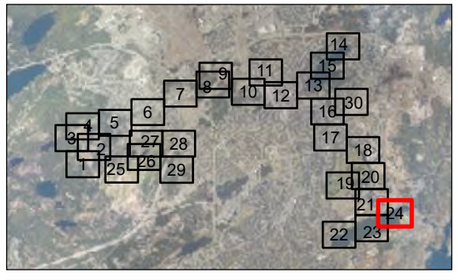
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
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Title
Climate Change Condition
100-Year Inundation - Virginia River
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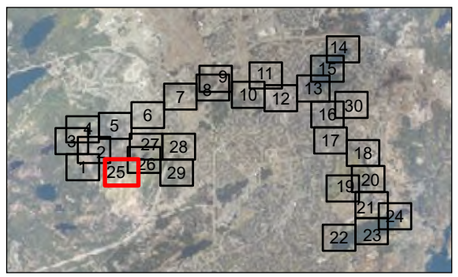
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

Notes

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Project Location
City of St. John's

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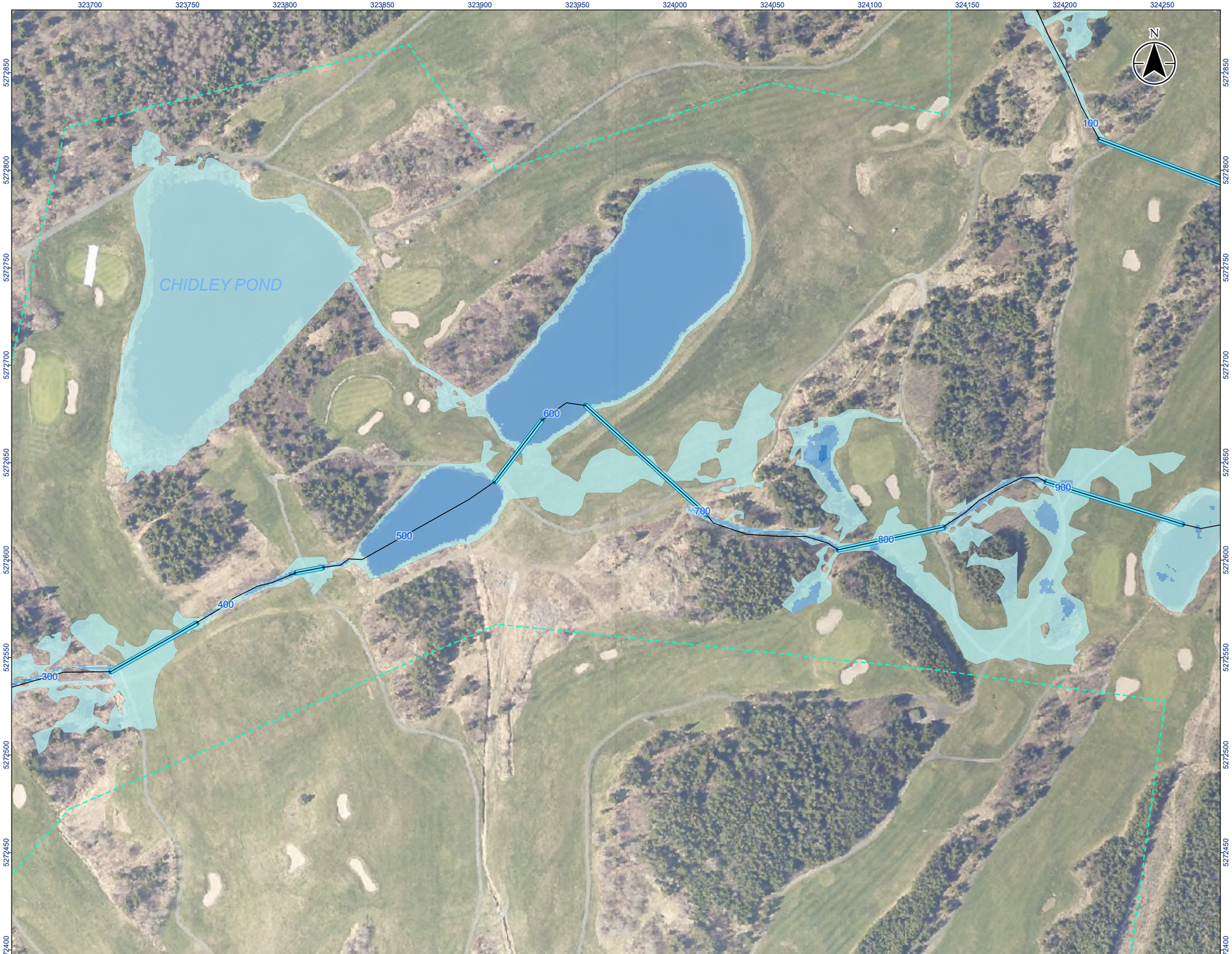
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-25

Title
Climate Change Condition
100-Year Inundation - Virginia River
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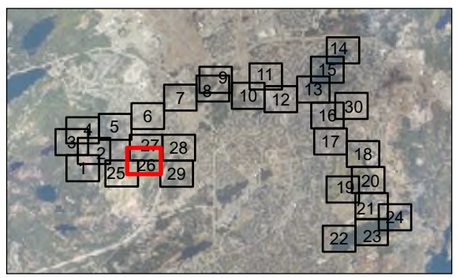
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

1:2,000 (At original document size of 11x17)

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-26

Title
Climate Change Condition
100-Year Inundation - Virginia River
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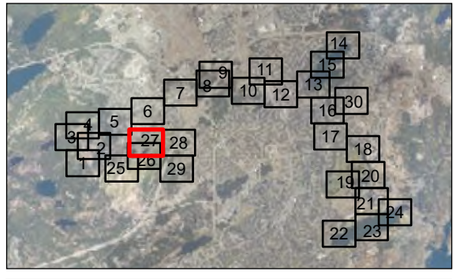
- River/Creek Centreline
- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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Project Location
City of St. John's

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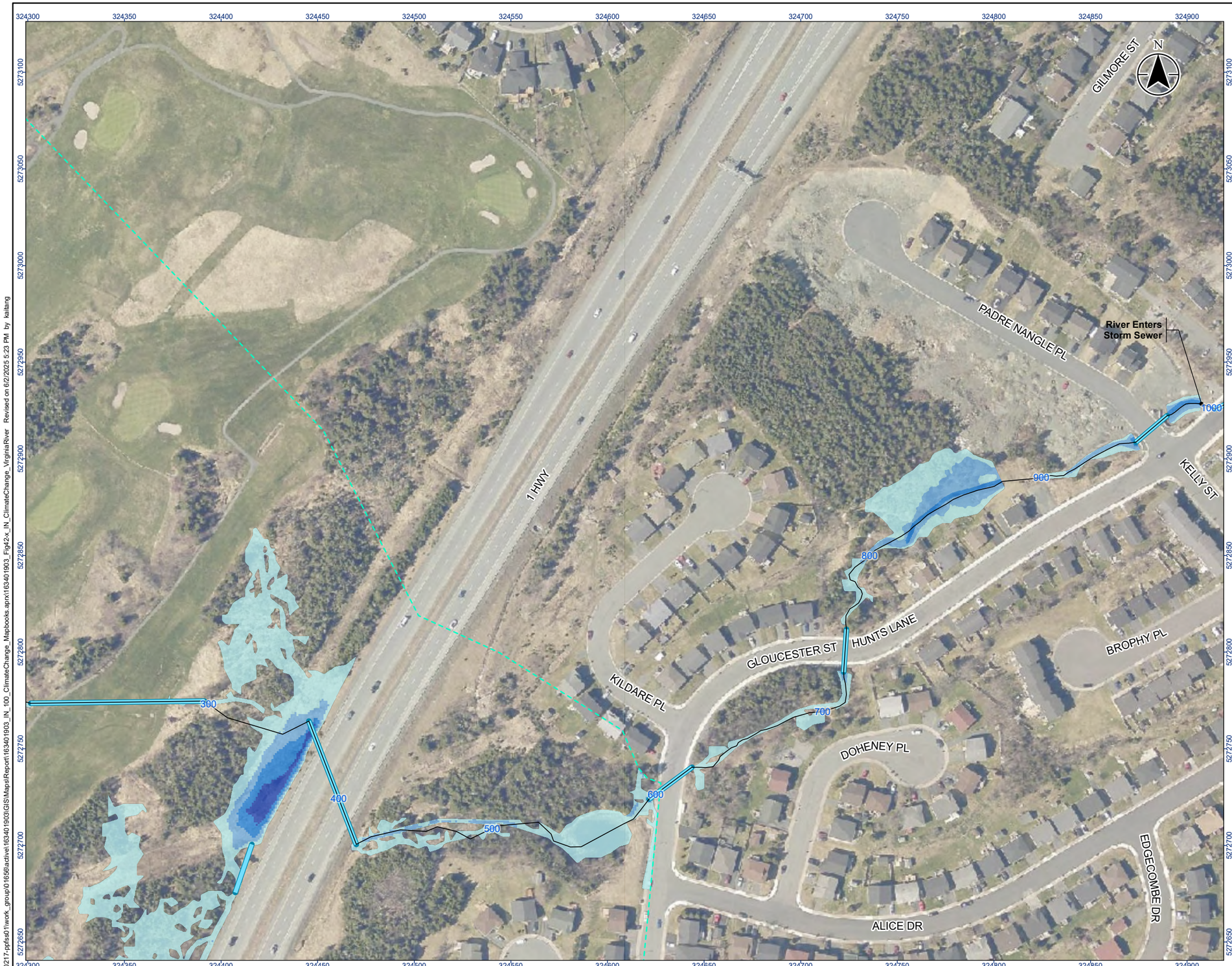
Client/Project
CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-27

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 27 of 30

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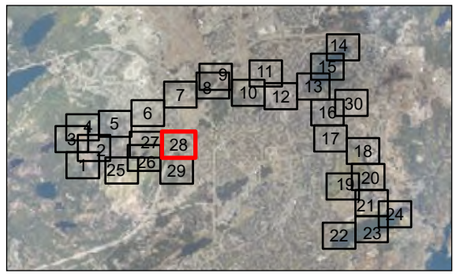
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- Modelled Culvert
- Limit of Mapping
- Limit of 2D Modelling
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- 100 Year Depth - 0.5 - 1.0 m
- 100 Year Depth - 1.0 - 1.5 m
- 100 Year Depth - 1.5 - 2.0 m
- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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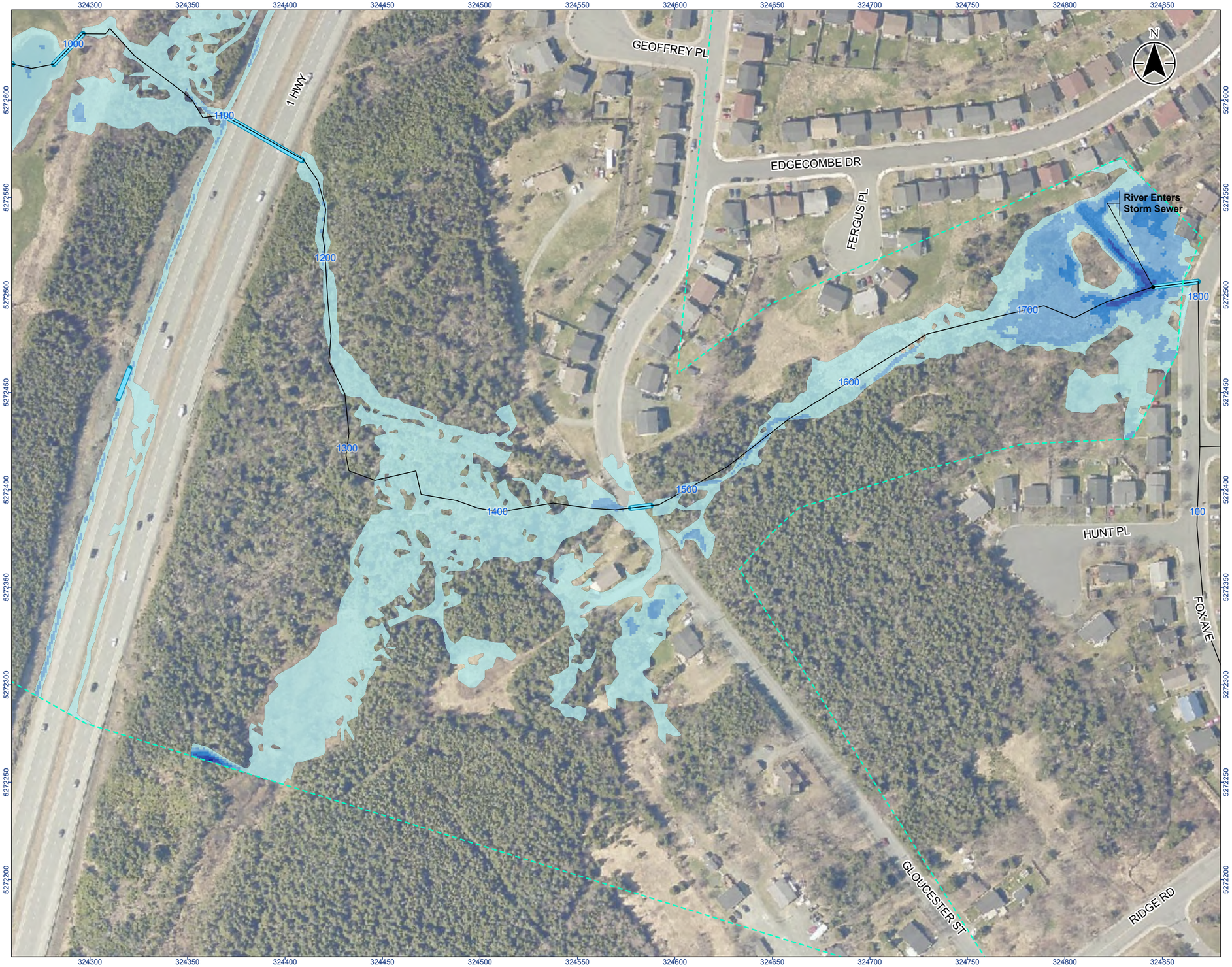
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY FOR THE CITY OF ST. JOHN'S

Figure No.
42-28

Title
Climate Change Condition
100-Year Inundation - Virginia River
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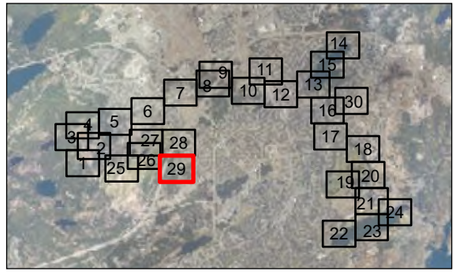
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- 100 Year Depth - Greater than 2.0 m

0 20 40 m

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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
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Figure No.
42-29

Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 29 of 30

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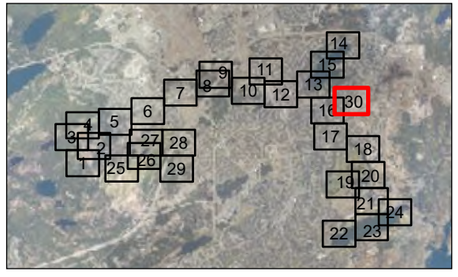
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CLIMATE CHANGE FLOOD RISK MAPPING STUDY
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Figure No.
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Title
Climate Change Condition
100-Year Inundation - Virginia River
Sheet 30 of 30

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