



REPORT

Open Water Flood Inundation Map Library

Marten Beach Flood Hazard Study

Submitted to:

Alberta Environment and Protected Areas

11th Floor Oxbridge Place
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Submitted by:

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20368087-R-Rev1

October 2023



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2-Year Flood Inundation Extent



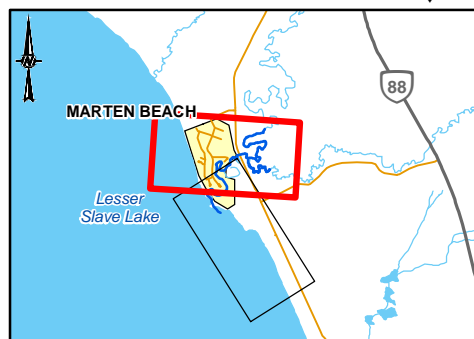
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- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

2-YEAR FLOOD INUNDATION EXTENT

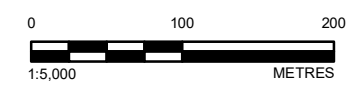
- 2-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 37.3 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 5.4 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 42.7 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.01 M



SHEET 2 ↓



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 ALBERTA ENVIRONMENT
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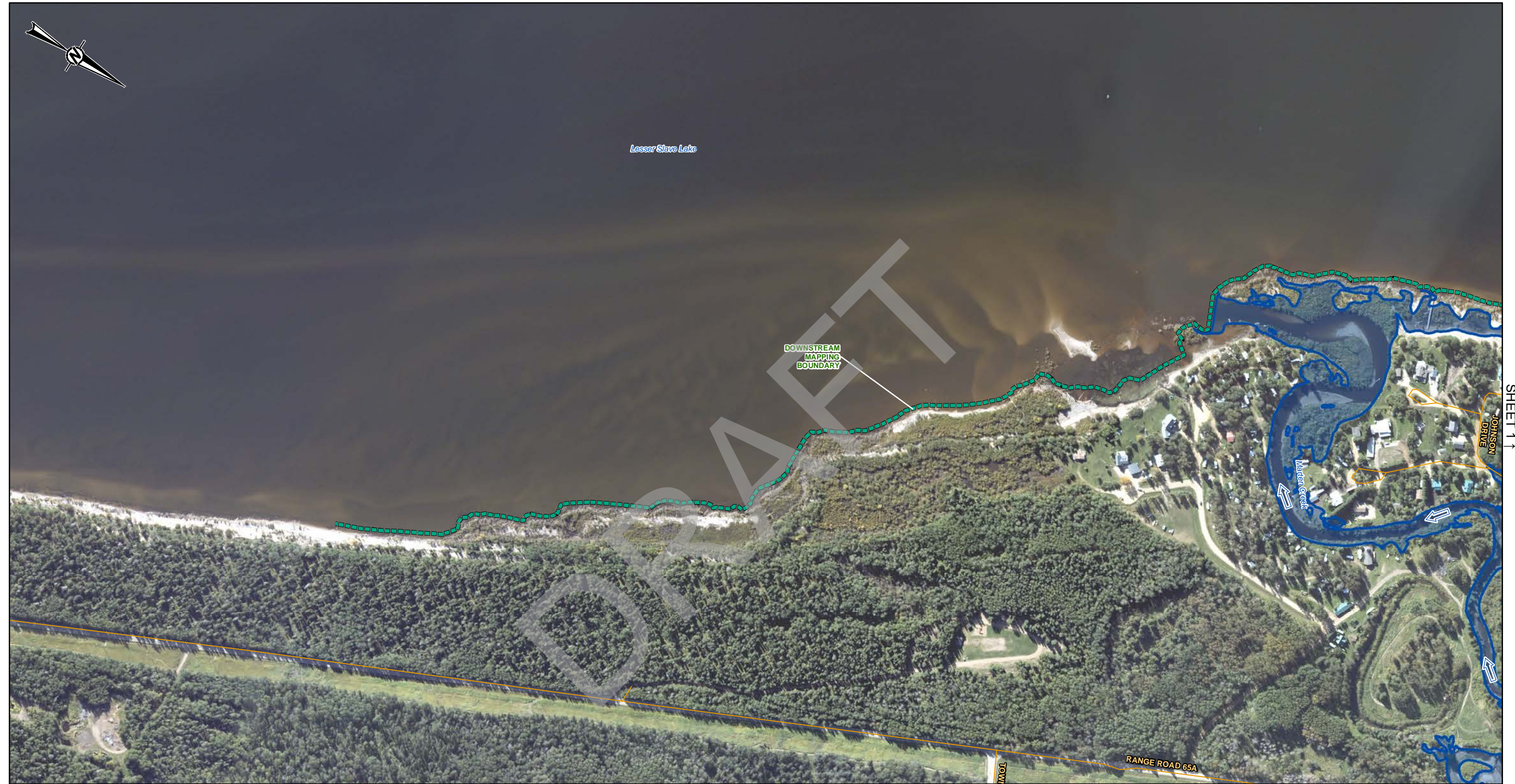
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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2

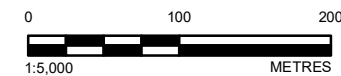
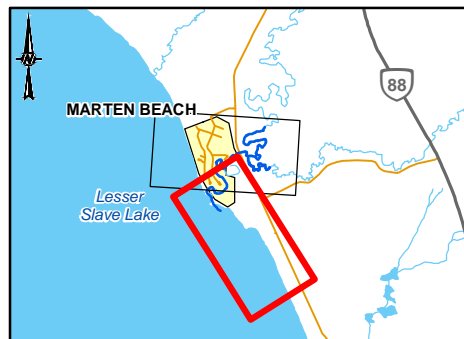


SHEET 1 ↓

- LEGEND**
- - - STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - ▭ BRIDGE

2-YEAR FLOOD INUNDATION EXTENT
▭ 2-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 42.7 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.01 M



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 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
2-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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SHEETS 1-2

5-Year Flood Inundation Extent



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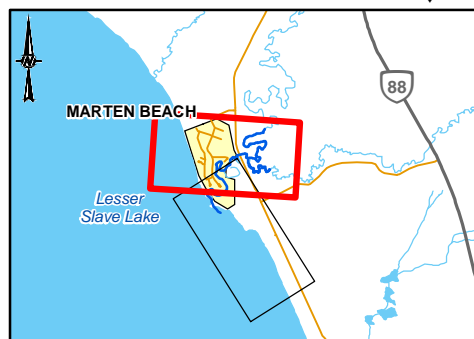
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 - HYDRAULIC STRUCTURES**
 - BRIDGE

5-YEAR FLOOD INUNDATION EXTENT

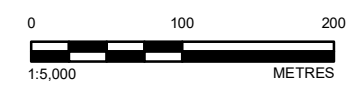
- 5-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 77.7 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 9.6 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 87.3 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.47 M



SHEET 2 ↓



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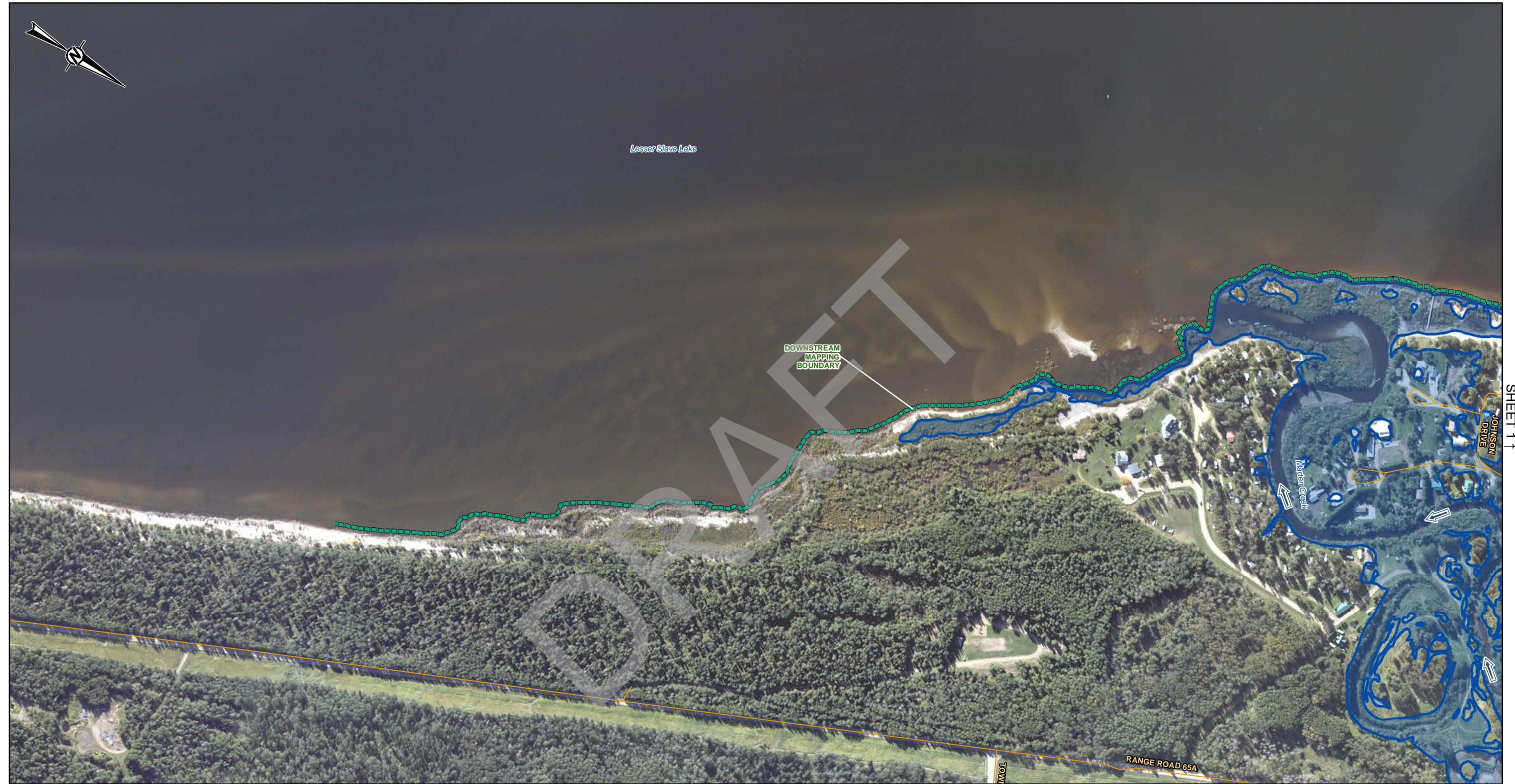
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MARTEN BEACH FLOOD HAZARD STUDY

TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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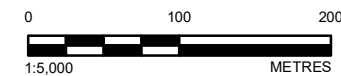
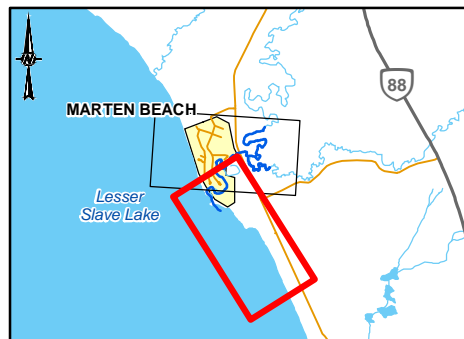
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- 5-YEAR FLOOD INUNDATION EXTENT**
- 5-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 87.3 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.47 M



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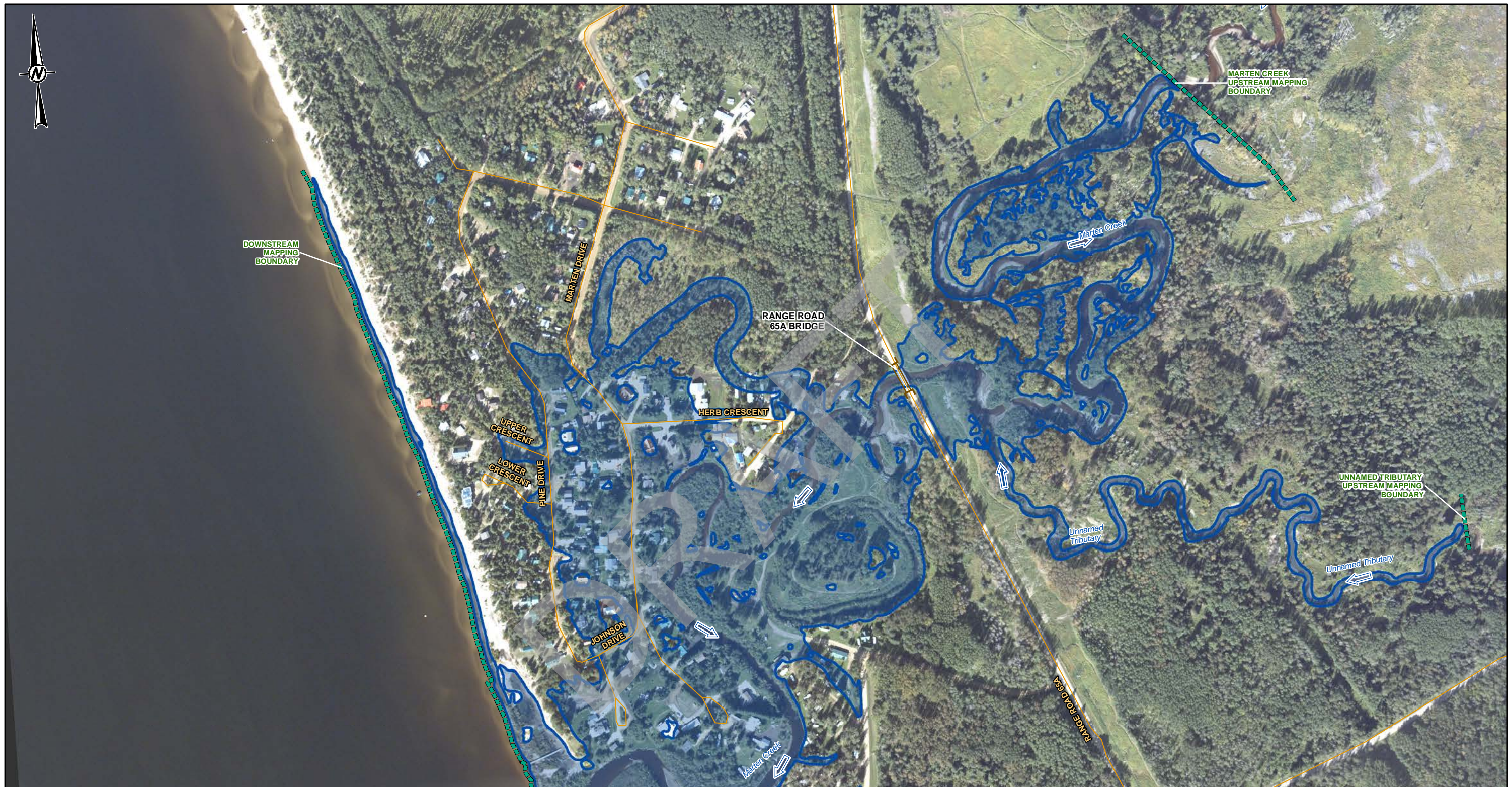
TITLE
5-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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SHEETS 1-2

10-Year Flood Inundation Extent



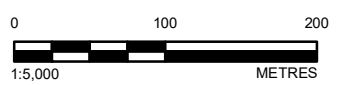
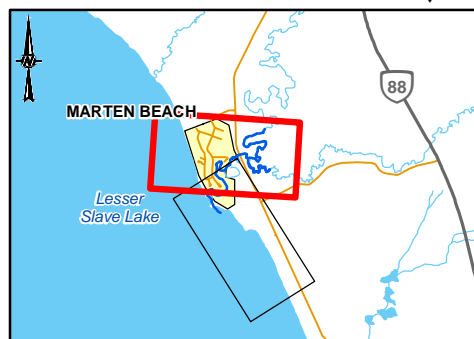
SHEET 2 ↓

- LEGEND**
- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

10-YEAR FLOOD INUNDATION EXTENT

- 10-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 111 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 12 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 123 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.77 M



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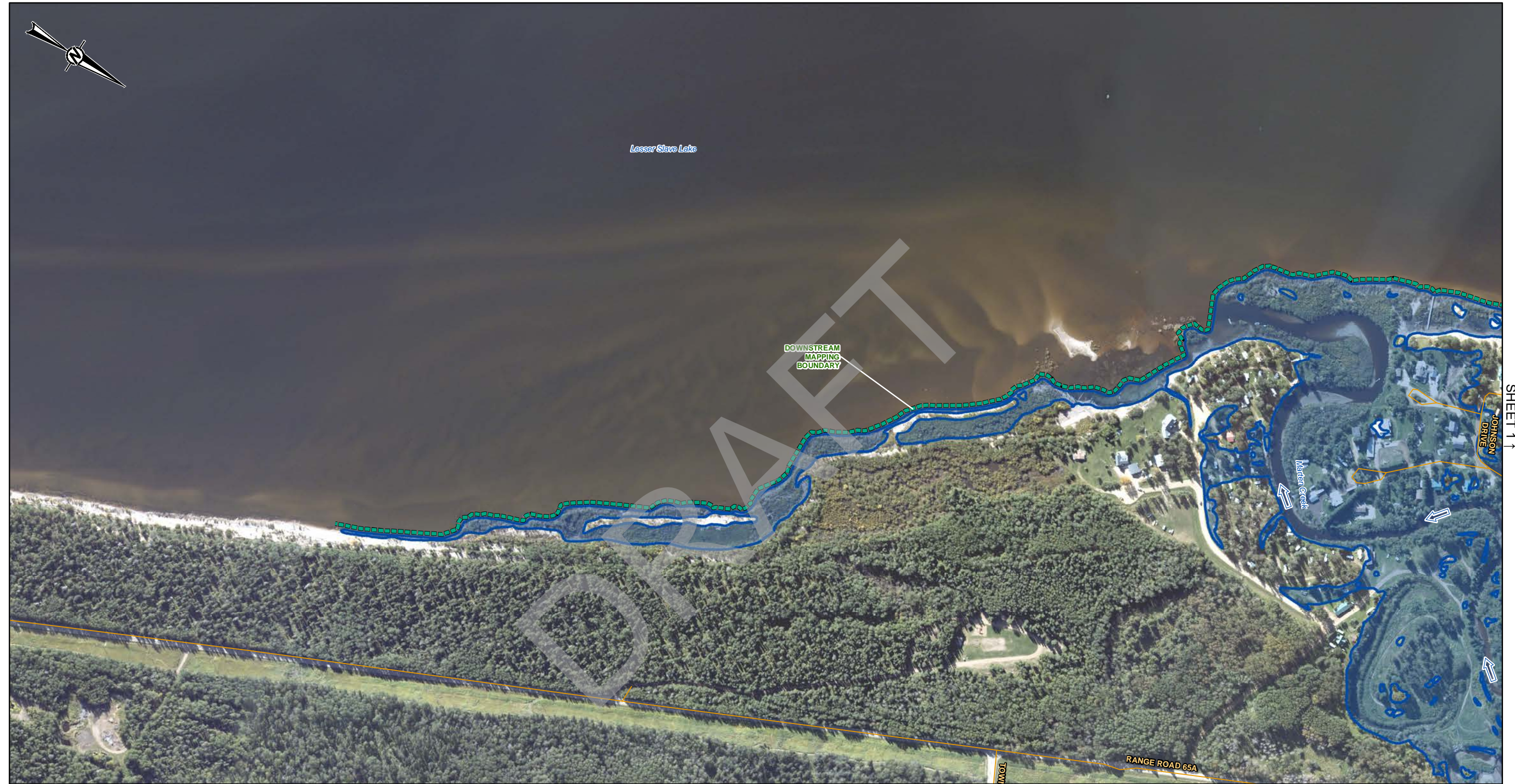
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TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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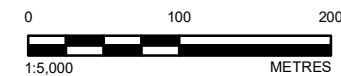
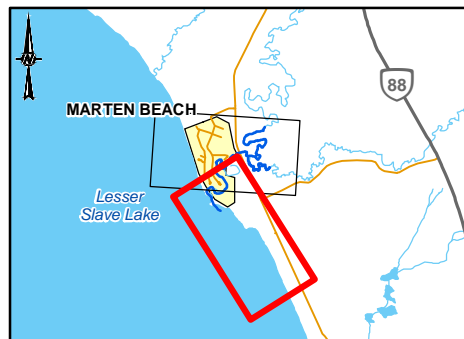


SHEET 1 ↓

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10-YEAR FLOOD INUNDATION EXTENT
 10-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 123 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 577.77 M



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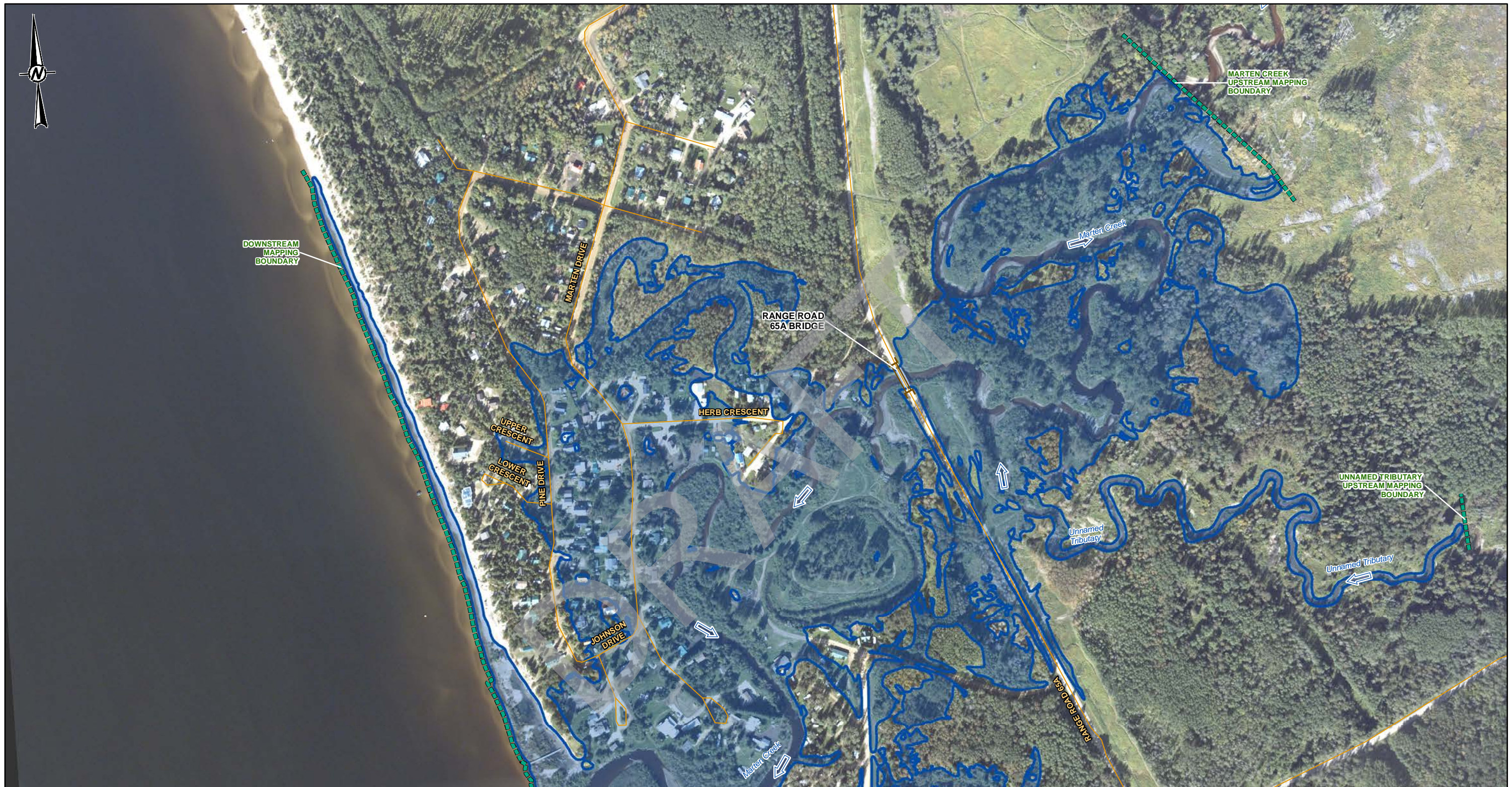
TITLE
10-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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20-Year Flood Inundation Extent



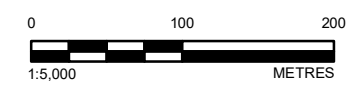
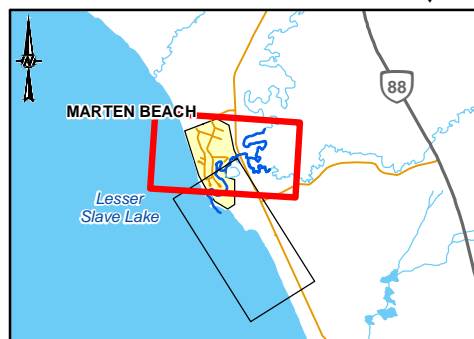
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 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - ▬▬ BRIDGE

20-YEAR FLOOD INUNDATION EXTENT

▭ 20-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 147 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 14 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 161 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.05 M



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20-YEAR FLOOD INUNDATION EXTENT

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Lesser Slave Lake

DOWNSTREAM
MAPPING
BOUNDARY

Marten Creek

SHEET 1 ↓

JOHNSON DRIVE

RANGE ROAD 65A

TOW

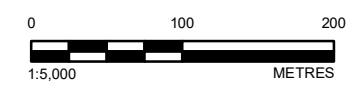
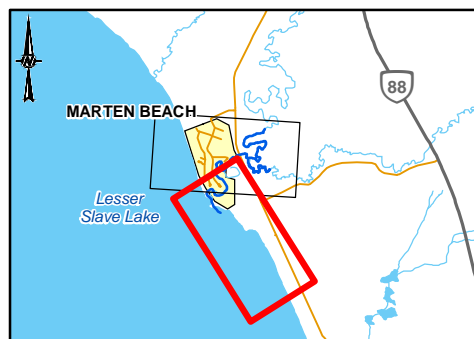
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20-YEAR FLOOD INUNDATION EXTENT

- 20-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 161 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.05 M



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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

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20-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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35-Year Flood Inundation Extent



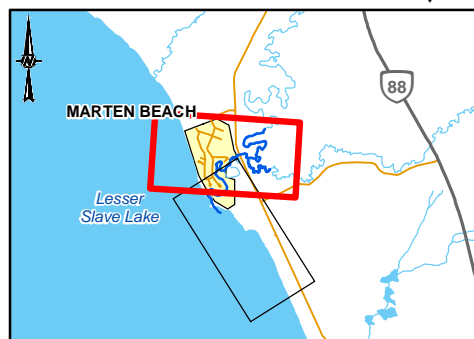
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35-YEAR FLOOD INUNDATION EXTENT

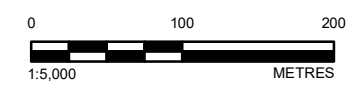
- 35-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 177 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 16 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 193 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.27 M



SHEET 2 ↓



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PROJECT NO.	CONTROL	REV.	FIGURE
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SHEET 1 ↓

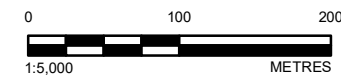
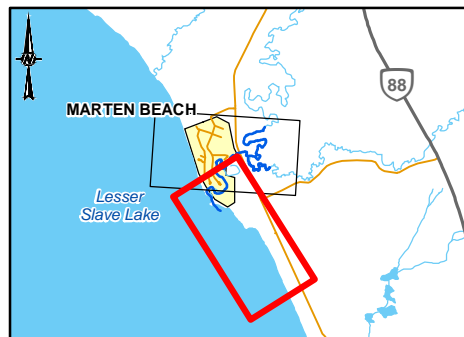
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 - HYDRAULIC STRUCTURES**
 - BRIDGE

35-YEAR FLOOD INUNDATION EXTENT

- 35-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 193 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.27 M



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35-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
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50-Year Flood Inundation Extent



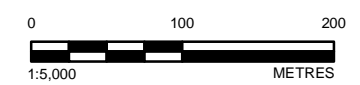
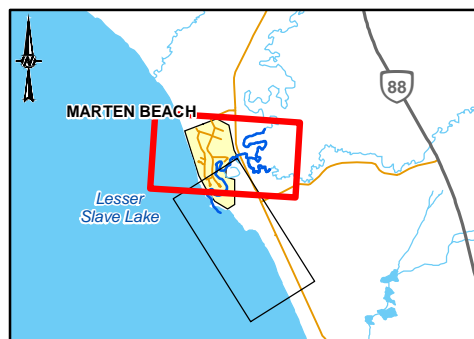
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 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - = BRIDGE

50-YEAR FLOOD INUNDATION EXTENT

- ▭ 50-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 197 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 17 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 214 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.41 M



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TITLE
50-YEAR FLOOD INUNDATION EXTENT

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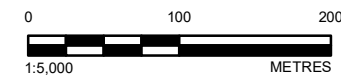
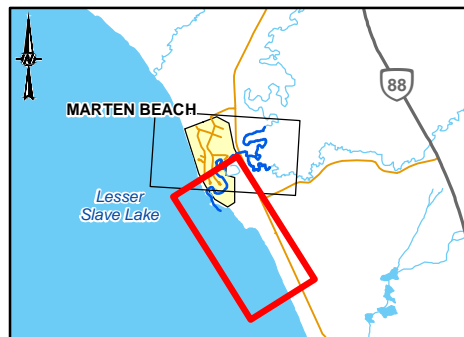
SHEET 1 ↓

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- LEGEND**
- STUDY BOUNDARY
 - ➔ FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

50-YEAR FLOOD INUNDATION EXTENT
 50-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 214 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.41 M



CLIENT
 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

CONSULTANT



YYYY-MM-DD	2023-09-22
DESIGNED	SB
PREPARED	PT
REVIEWED	WP
APPROVED	WP



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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
50-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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SHEETS 1-2

75-Year Flood Inundation Extent



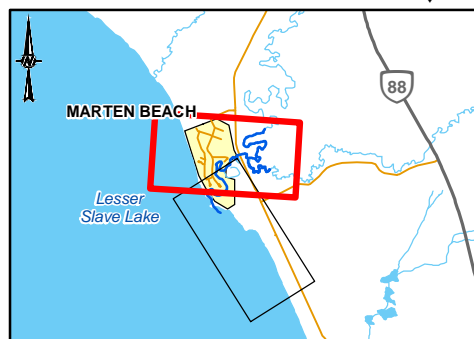
- LEGEND**
- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

75-YEAR FLOOD INUNDATION EXTENT

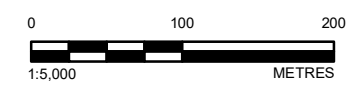
- 75-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 222 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 17 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 239 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.57 M



SHEET 2 ↓



CLIENT
 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

CONSULTANT

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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2



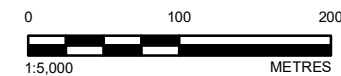
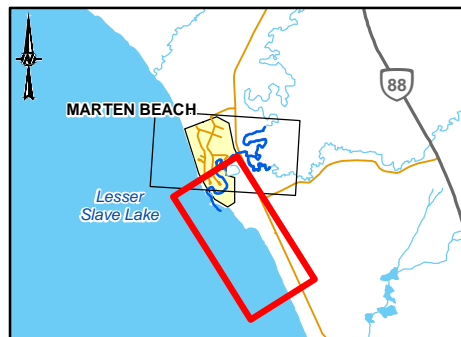
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- LEGEND**
- - - STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - = BRIDGE

75-YEAR FLOOD INUNDATION EXTENT
■ 75-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 239 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.57 M



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**ALBERTA ENVIRONMENT
 AND PROTECTED AREAS**

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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
75-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

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SHEETS 1-2

100-Year Flood Inundation Extent



Lesser Slave Lake

DOWNSTREAM
MAPPING
BOUNDARY

Marten Creek

SHEET 1 ↓

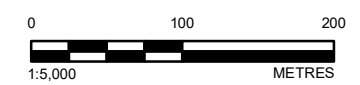
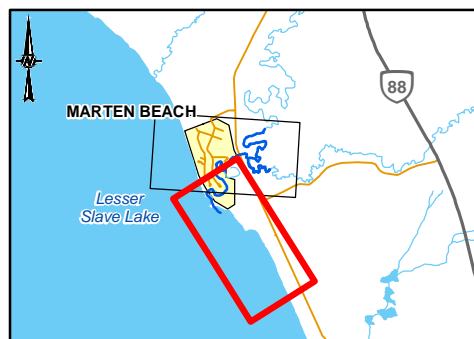
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28mm



- LEGEND**
- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

100-YEAR FLOOD INUNDATION EXTENT
 100-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
MARTEN CREEK AT MARTEN BEACH DISCHARGE = 257 M³/S
LESSER SLAVE LAKE WATER LEVEL = 578.69 M



CLIENT
ALBERTA ENVIRONMENT
AND PROTECTED AREAS



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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
100-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

DRAFT

SHEETS 1-2

200-Year Flood Inundation Extent



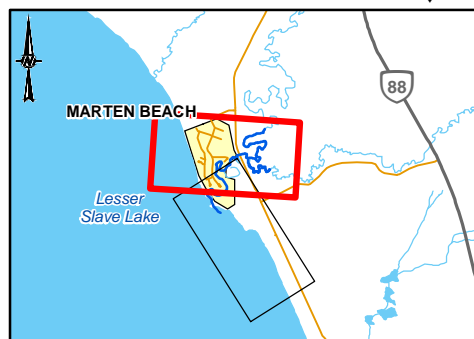
- LEGEND**
- - - STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - = BRIDGE

200-YEAR FLOOD INUNDATION EXTENT

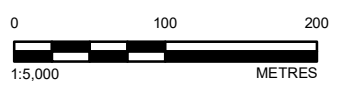
- 200-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 284 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 18 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 302 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 578.96 M



SHEET 2 ↓



CLIENT
 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

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PROJECT MARTEN BEACH FLOOD HAZARD STUDY	
TITLE 200-YEAR FLOOD INUNDATION EXTENT	
PROJECT NO. 20368087	CONTROL 4000
REV. 1	FIGURE SHEET 1 OF 2

THE CLIENT'S NAME AND PROJECT TITLE ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

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Lesser Slave Lake

DOWNSTREAM
MAPPING
BOUNDARY





Marten Creek


SHEET 1 ↓

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28mm

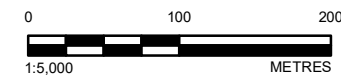
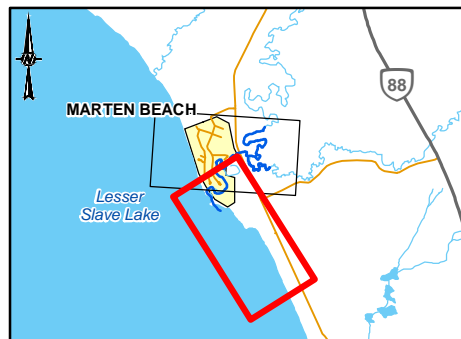


LEGEND

-  STUDY BOUNDARY
-  FLOW DIRECTION
-  LOCAL ROAD
- HYDRAULIC STRUCTURES**
-  BRIDGE

- 200-YEAR FLOOD INUNDATION EXTENT**
-  200-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
MARTEN CREEK AT MARTEN BEACH DISCHARGE = 302 M³/S
LESSER SLAVE LAKE WATER LEVEL = 578.96 M



CLIENT
ALBERTA ENVIRONMENT
AND PROTECTED AREAS



CONSULTANT



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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
200-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

DRAFT

SHEETS 1-2

350-Year Flood Inundation Extent



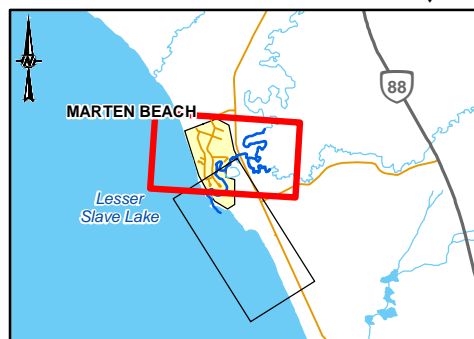
- LEGEND**
- ▬▬▬ STUDY BOUNDARY
 - ➔ FLOW DIRECTION
 - ▬▬▬ LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - ▬▬▬ BRIDGE

350-YEAR FLOOD INUNDATION EXTENT

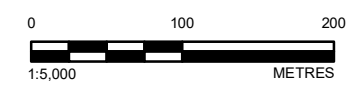
- ▬▬▬ 350-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 321 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 18 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 339 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.18 M



SHEET 2 ↓



CLIENT
 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

CONSULTANT



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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT





PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2




SHEET 1 ↓

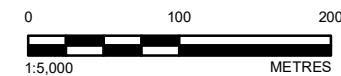
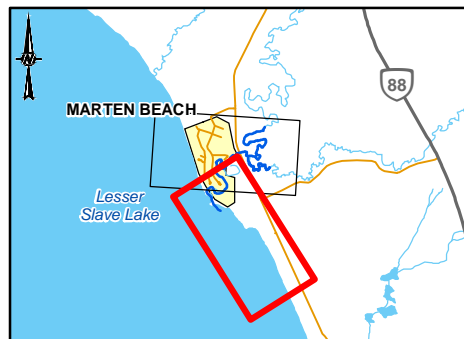
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LEGEND

-  STUDY BOUNDARY
-  FLOW DIRECTION
-  LOCAL ROAD
- HYDRAULIC STRUCTURES**
-  BRIDGE

350-YEAR FLOOD INUNDATION EXTENT
 350-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 339 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.18 M



CLIENT
**ALBERTA ENVIRONMENT
 AND PROTECTED AREAS**

CONSULTANT



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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
350-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

DRAFT

SHEETS1-2

500-Year Flood Inundation Extent



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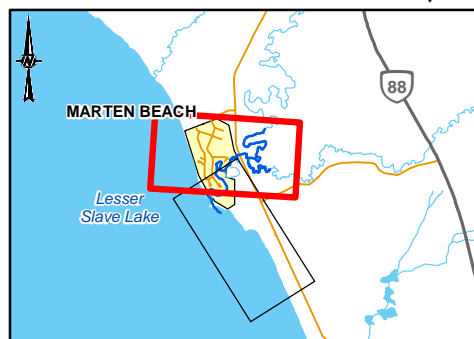
- LEGEND**
- - - STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

500-YEAR FLOOD INUNDATION EXTENT

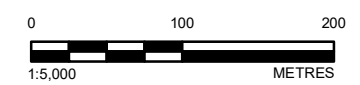
- 500-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 345 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 18 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 363 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.32 M



SHEET 2 ↓



CLIENT
ALBERTA ENVIRONMENT
AND PROTECTED AREAS

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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2



Lesser Slave Lake

DOWNSTREAM
MAPPING
BOUNDARY

Marten Creek

SHEET 1 ↓





JOHNSON DRIVE


RANGE ROAD 65A

TOW

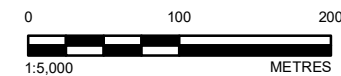
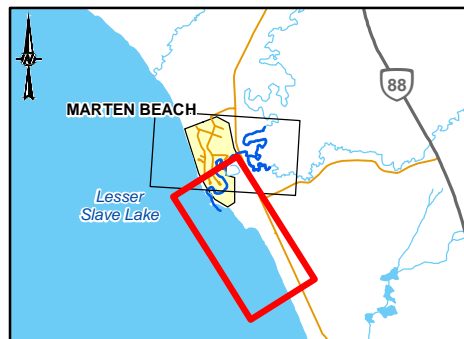


LEGEND

-  STUDY BOUNDARY
-  FLOW DIRECTION
-  LOCAL ROAD
- HYDRAULIC STRUCTURES**
-  BRIDGE

500-YEAR FLOOD INUNDATION EXTENT
 500-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
MARTEN CREEK AT MARTEN BEACH DISCHARGE = 363 M³/S
LESSER SLAVE LAKE WATER LEVEL = 579.32 M



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ALBERTA ENVIRONMENT
AND PROTECTED AREAS



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PROJECT
MARTEN BEACH FLOOD HAZARD STUDY

TITLE
500-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

DRAFT

SHEETS 1-2

750-Year Flood Inundation Extent



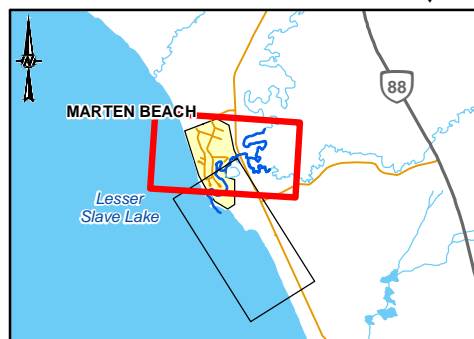
- LEGEND**
- - - STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

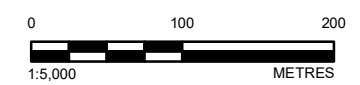
- 750-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 373 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 18 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 391 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.48 M



SHEET 2 ↓



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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2

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SHEET 1 ↓

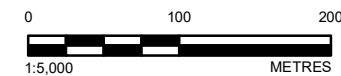
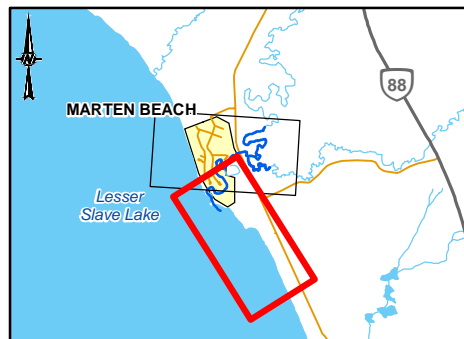
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- LEGEND**
- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

750-YEAR FLOOD INUNDATION EXTENT

- 750-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 391 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.48 M



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 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

CONSULTANT



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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
750-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

DRAFT

SHEETS 1-2

1000-Year Flood Inundation Extent



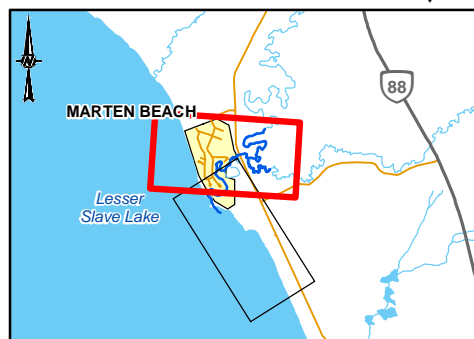
- LEGEND**
- STUDY BOUNDARY
 - FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
 - BRIDGE

1000-YEAR FLOOD INUNDATION EXTENT

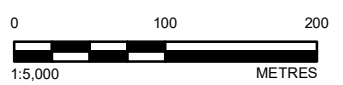
- 1000-YEAR FLOOD EXTENT

DISCHARGE AND WATER LEVEL INFORMATION

MARTEN CREEK UPSTREAM OF UNNAMED TRIBUTARY DISCHARGE = 393 M³/S
 UNNAMED TRIBUTARY CREEK INFLOW = 18 M³/S
 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 411 M³/S
 LESSER SLAVE LAKE WATER LEVEL = 579.60 M



SHEET 2 ↓



CLIENT
 ALBERTA ENVIRONMENT
 AND PROTECTED AREAS

CONSULTANT

YYYY-MM-DD	2023-09-22
DESIGNED	SB
PREPARED	PT
REVIEWED	WP
APPROVED	WP

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PROJECT
 MARTEN BEACH FLOOD HAZARD STUDY

TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 1 OF 2



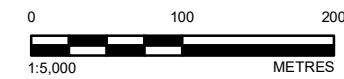
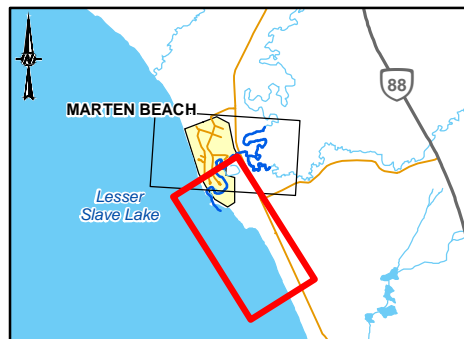
SHEET 1 ↓

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- LEGEND**
- STUDY BOUNDARY
 - ➔ FLOW DIRECTION
 - LOCAL ROAD
 - HYDRAULIC STRUCTURES**
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1000-YEAR FLOOD INUNDATION EXTENT
■ 1000-YEAR FLOOD EXTENT

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 MARTEN CREEK AT MARTEN BEACH DISCHARGE = 411 M³/S
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PROJECT
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TITLE
1000-YEAR FLOOD INUNDATION EXTENT

PROJECT NO.	CONTROL	REV.	FIGURE
20368087	4000	1	SHEET 2 OF 2

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