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#### LEGEND

- Dam
- Road
- Watercourse
- Wooded Area
- Municipality of Huron Shores Boundary
- Map Extent
- 50-Year Floodline
- Regulatory Floodline (100-Year Flood)
- Climate Change Proxy Floodway
- Climate Change Proxy Floodline



#### THESSALON RIVER

District Municipality of Huron Shores - Floodplain Mapping  
**Thessalon River**  
**50-Year, Regulatory, and Climate Change Proxy Event**  
**Flood Inundation Map**

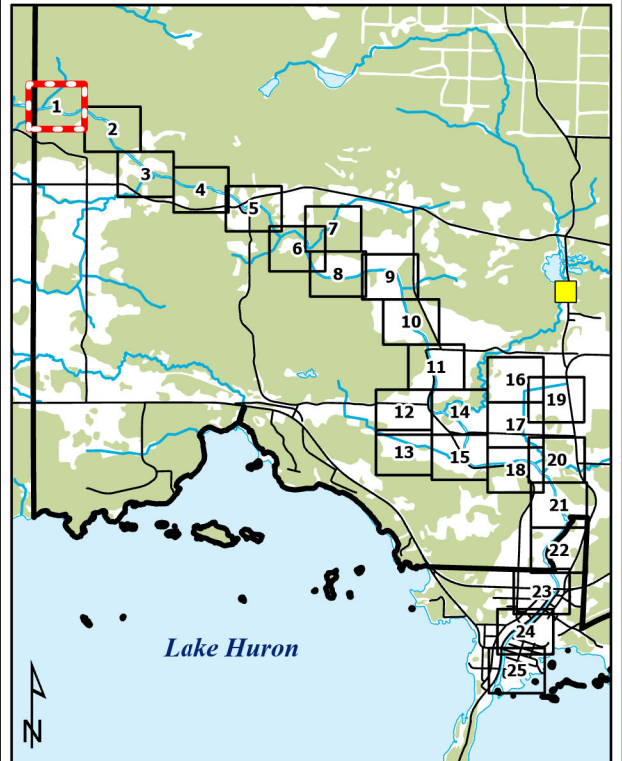
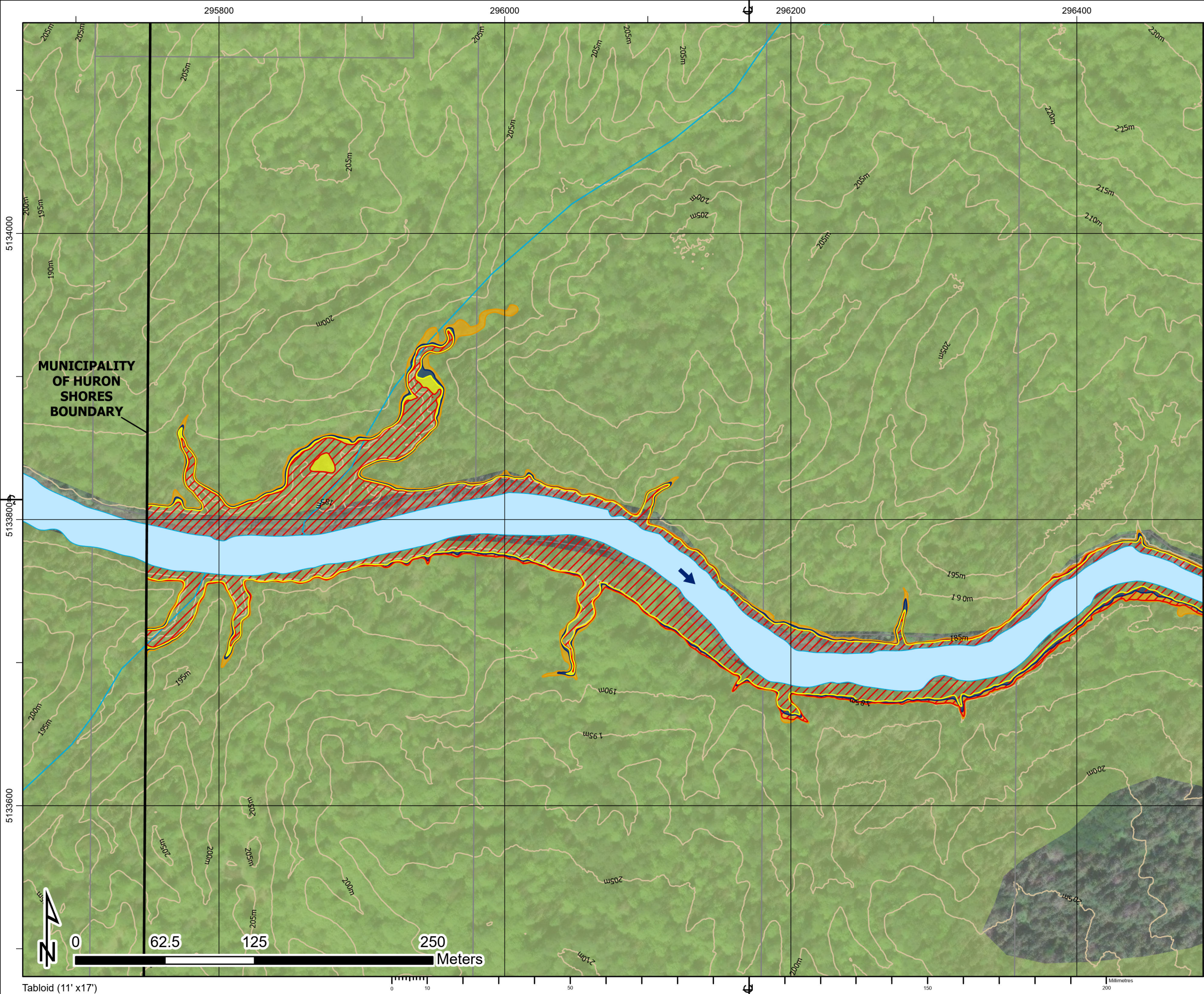
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numerical scale	vertical datum	modeled by	model reviewed by
1:35,000	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		INDEX	0

Approved for Use - 2024-02-29





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

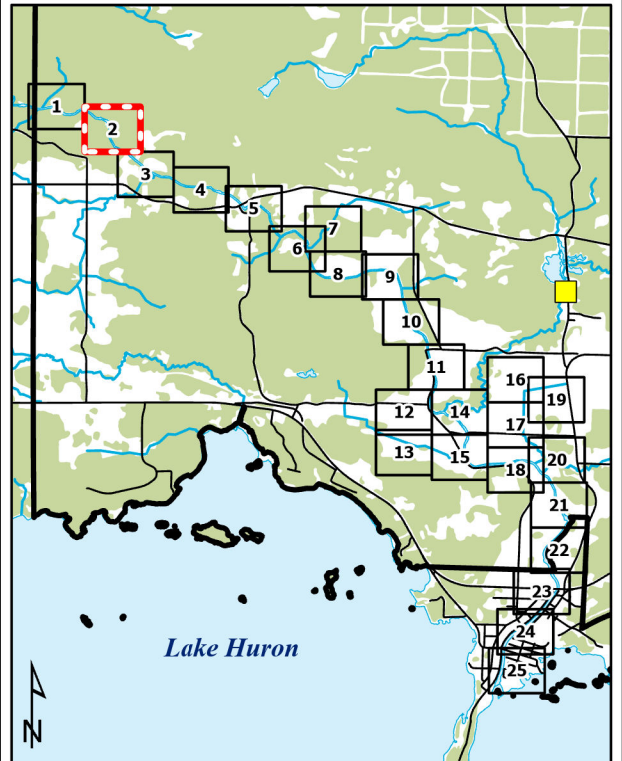
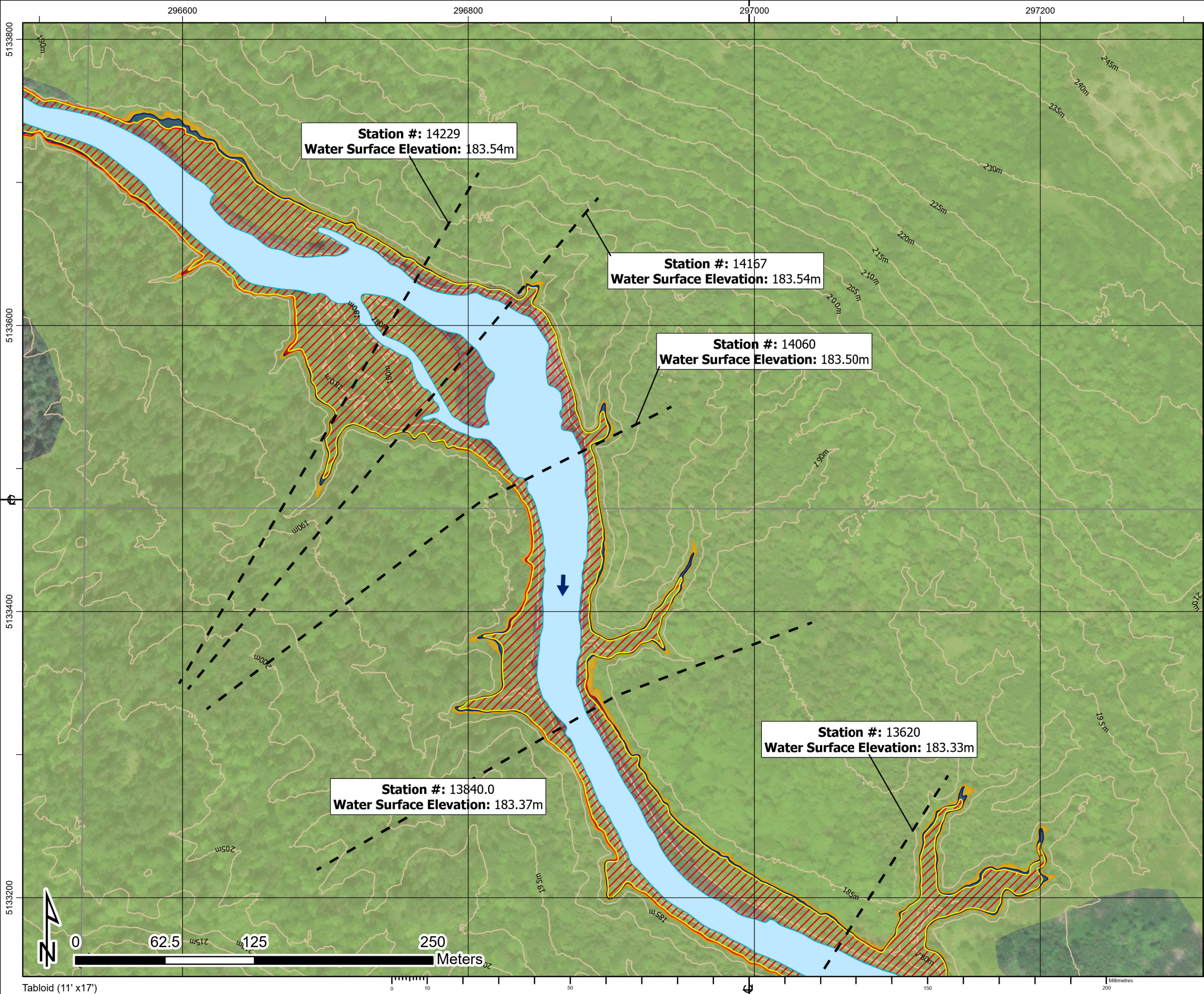
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

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2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
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1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR, MICROSOFT	
report document no		sheet	rev
H370886-0000-2B0-230-0001		1 OF 25	0





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**LEGEND**

- Flow Direction
- Dam
- Cross Section (Climate Change Proxy Floodline Elevation)
- Climate Change Proxy Floodway
- 50-Year Floodline
- Regulatory Floodline (100-Year Flood)
- Climate Change Proxy Floodline

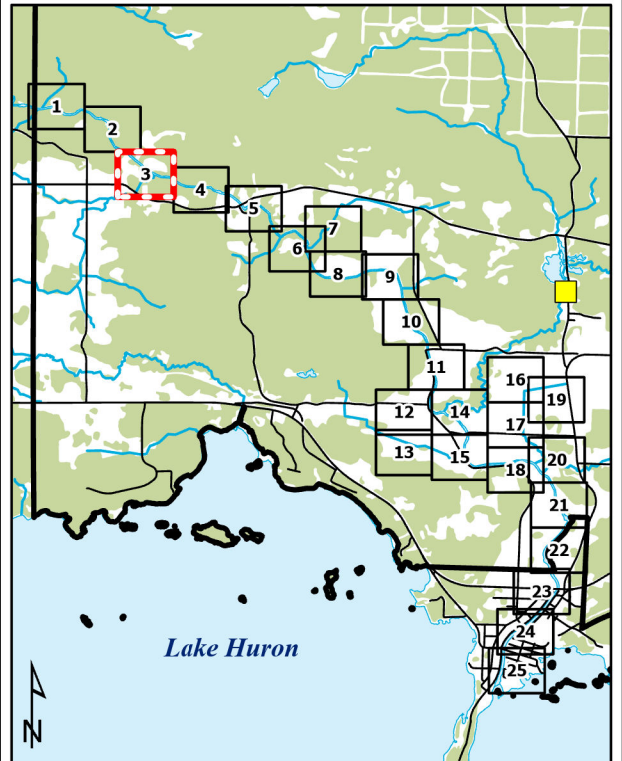
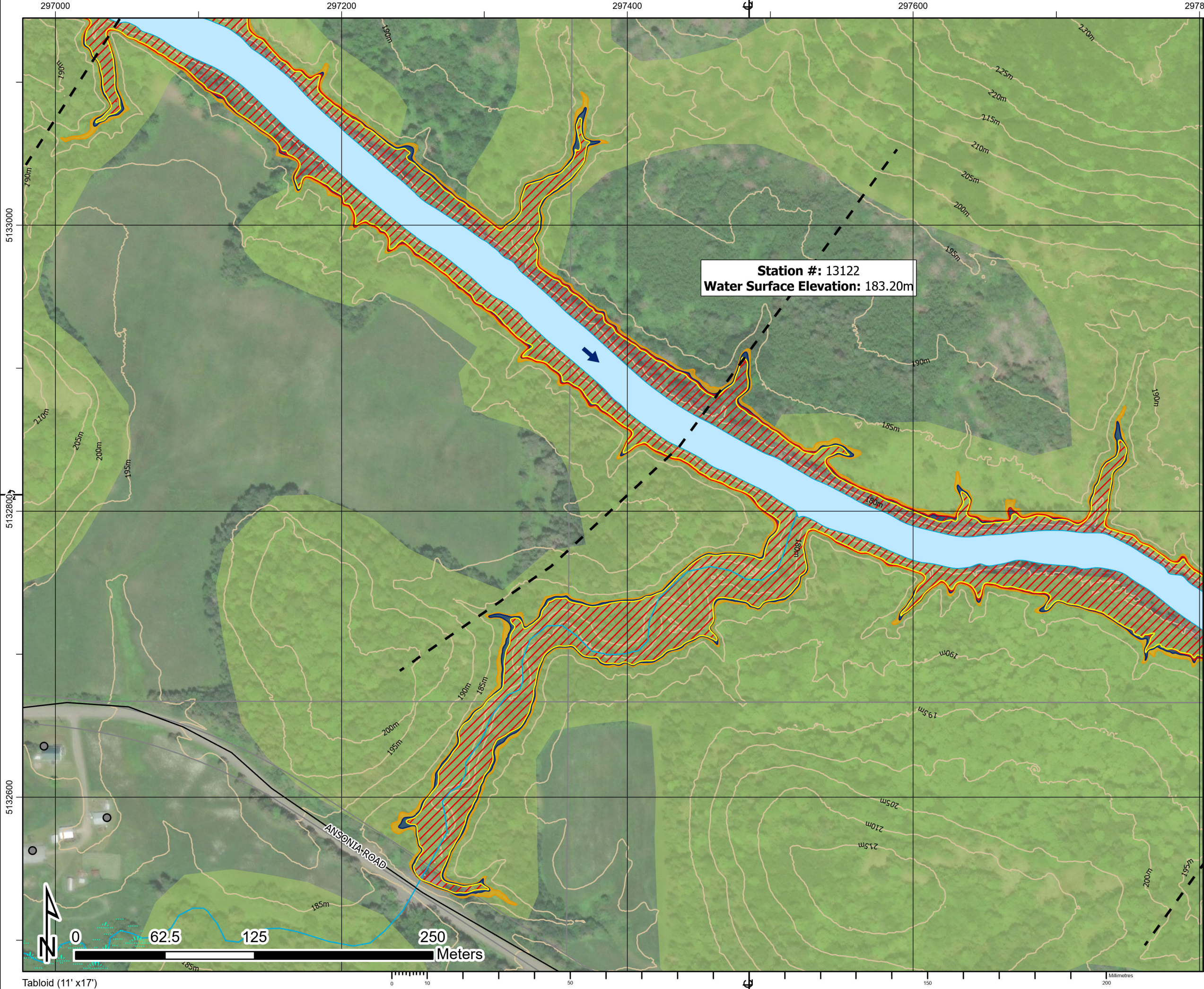
**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

**Thessalon River**  
**50-Year, Regulatory, and Climate Change Proxy Event**  
**Flood Inundation Map**

<div><div>HATCH</div><div>HURON SHORES</div></div>				
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H370886-0000-2B0-230-0001			2 OF 25	0





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**LEGEND**

—+— Railway	➡ Flow Direction
— Road	■ Dam
— Contour (5m)	— Cross Section (Climate Change Proxy Floodline Elevation)
● Building (As Symbol)	▨ Climate Change Proxy Floodway
■ Building (To Scale)	■ 50-Year Floodline
■ Waterbody	■ Regulatory Floodline (100-Year Flood)
■ Wetland	■ Climate Change Proxy Floodline
■ Wooded Area	


**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

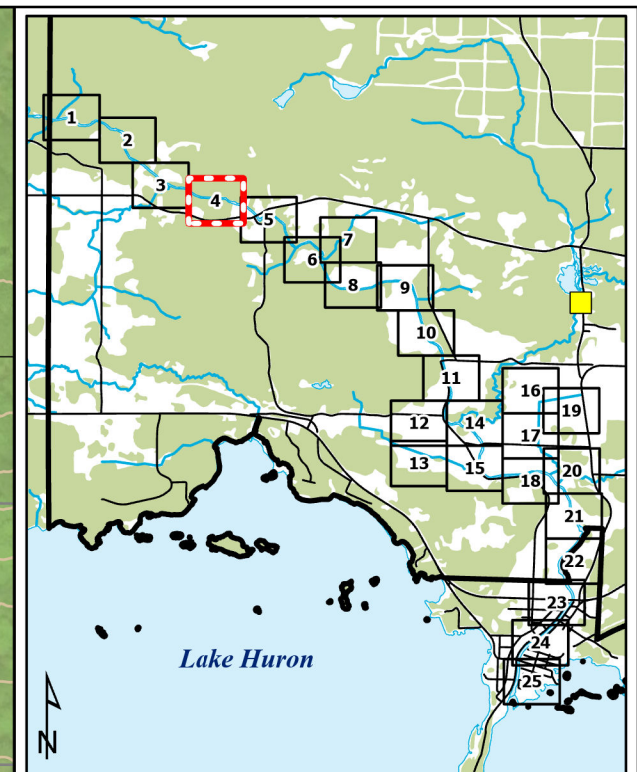
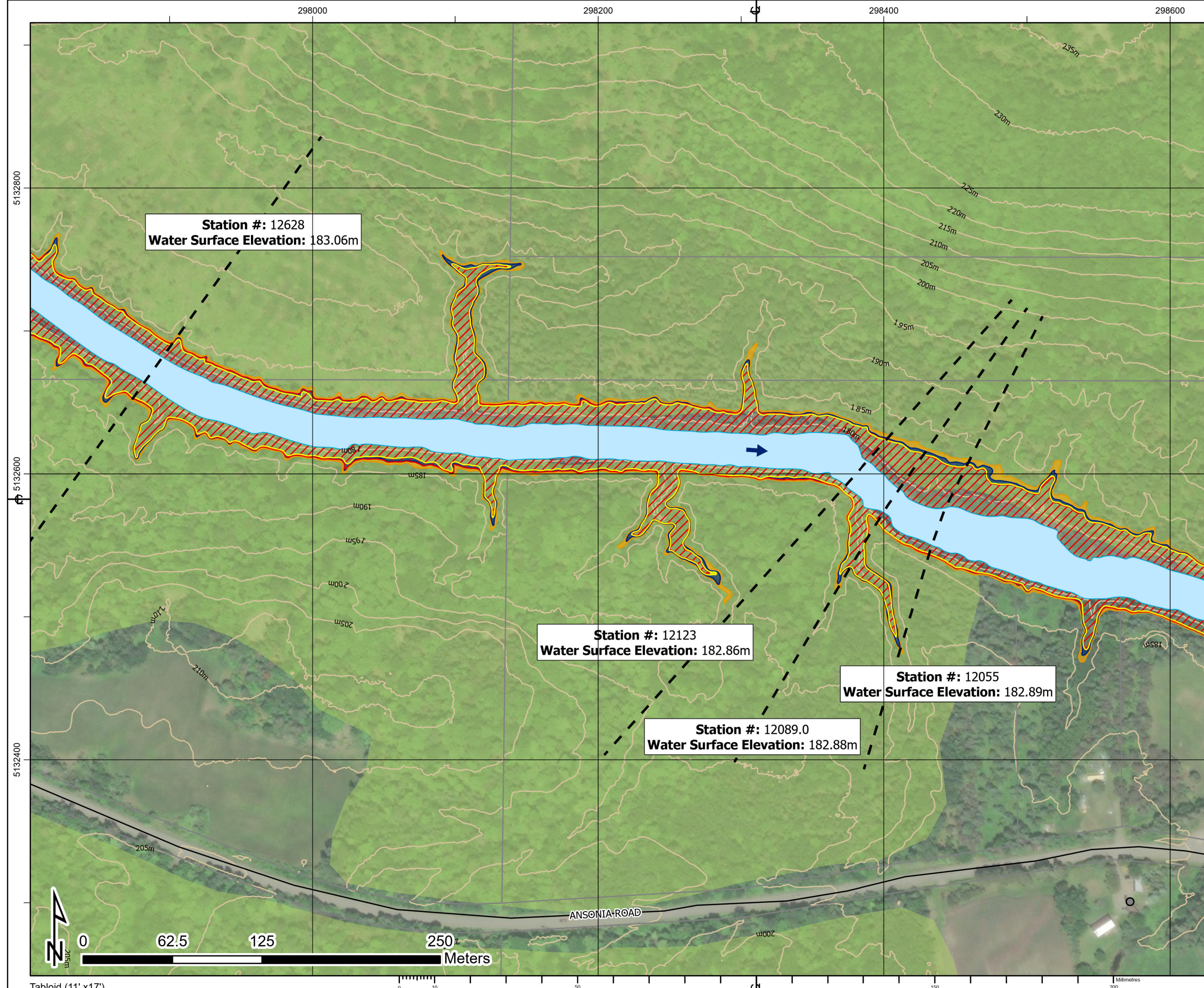
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

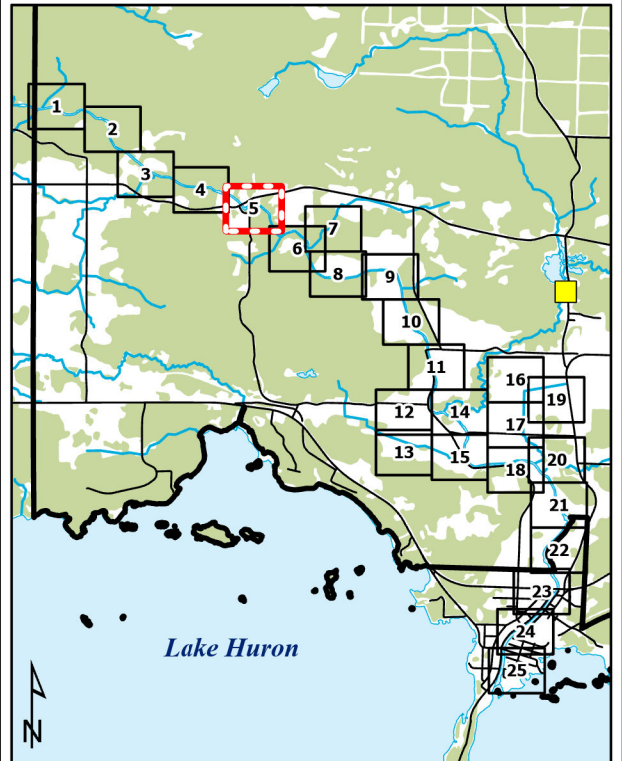
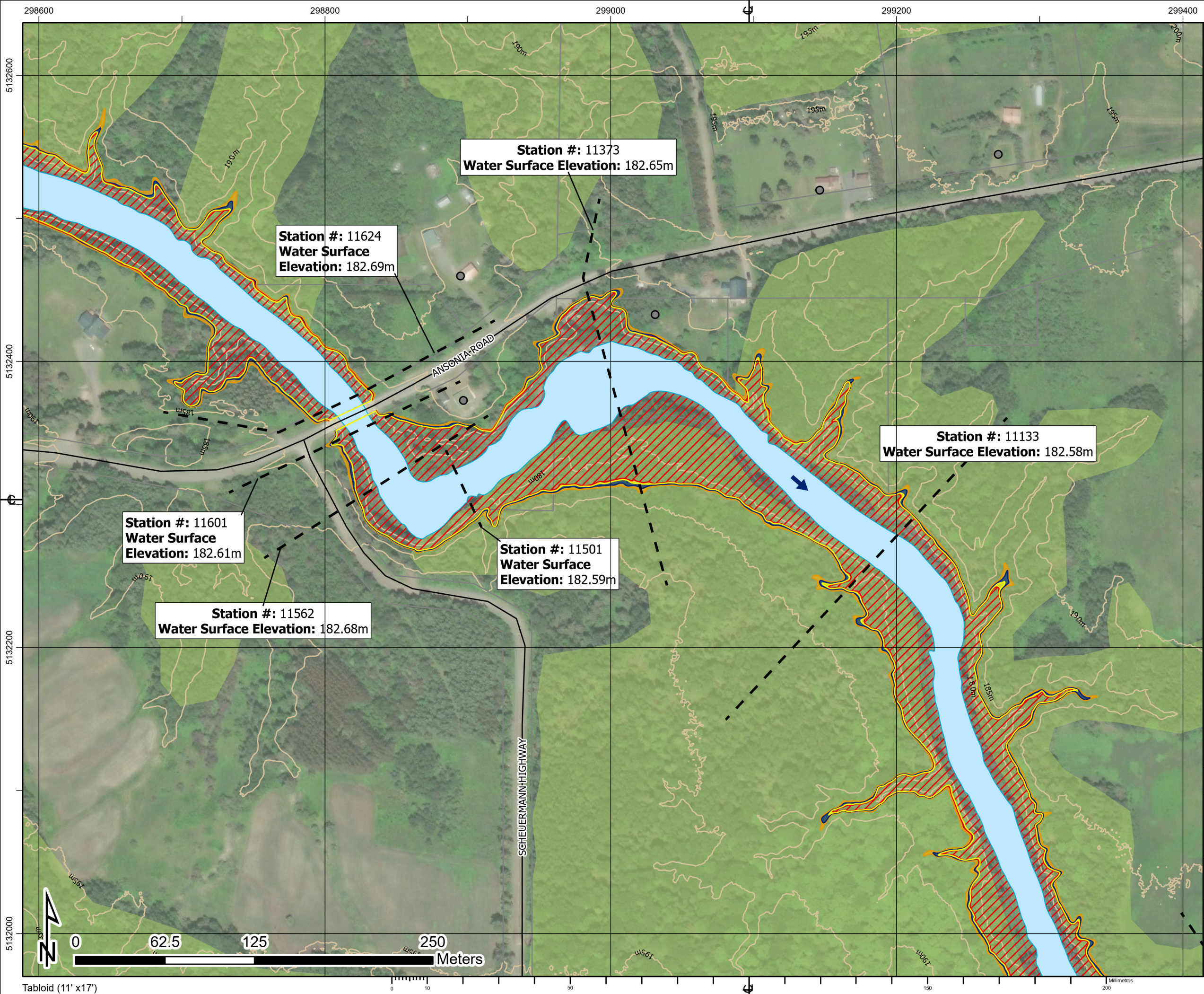
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	2024/02/29	mapped by	J. SNELGROVE
numerical scale	1:2,500	checked by	F. MASOOM
vertical datum	CGVD 2013	model reviewed by	S. THAPA
horizontal datum	UTM NAD 1983 CSRS	authorized by	S. THAPA
report document no	H370886-0000-2B0-230-0001	service layer credits	MAXAR
		sheet	4 OF 25
		rev	0





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

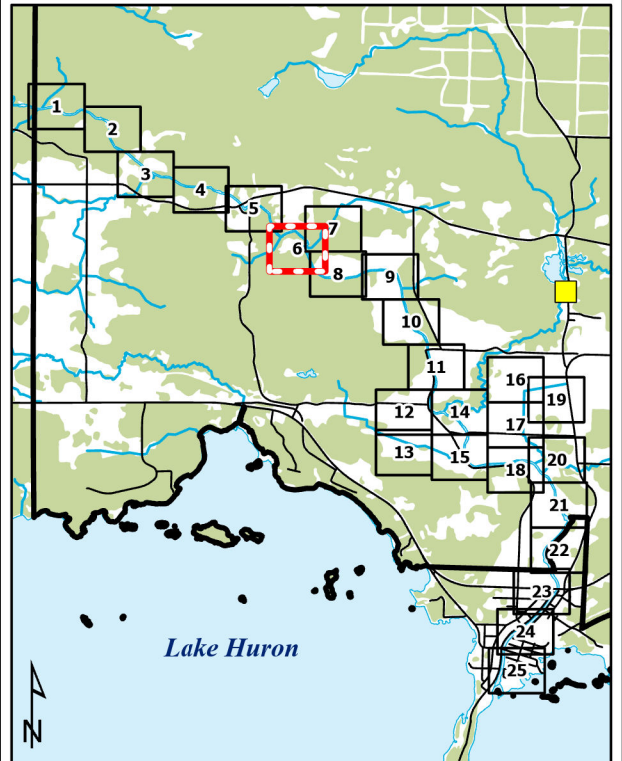
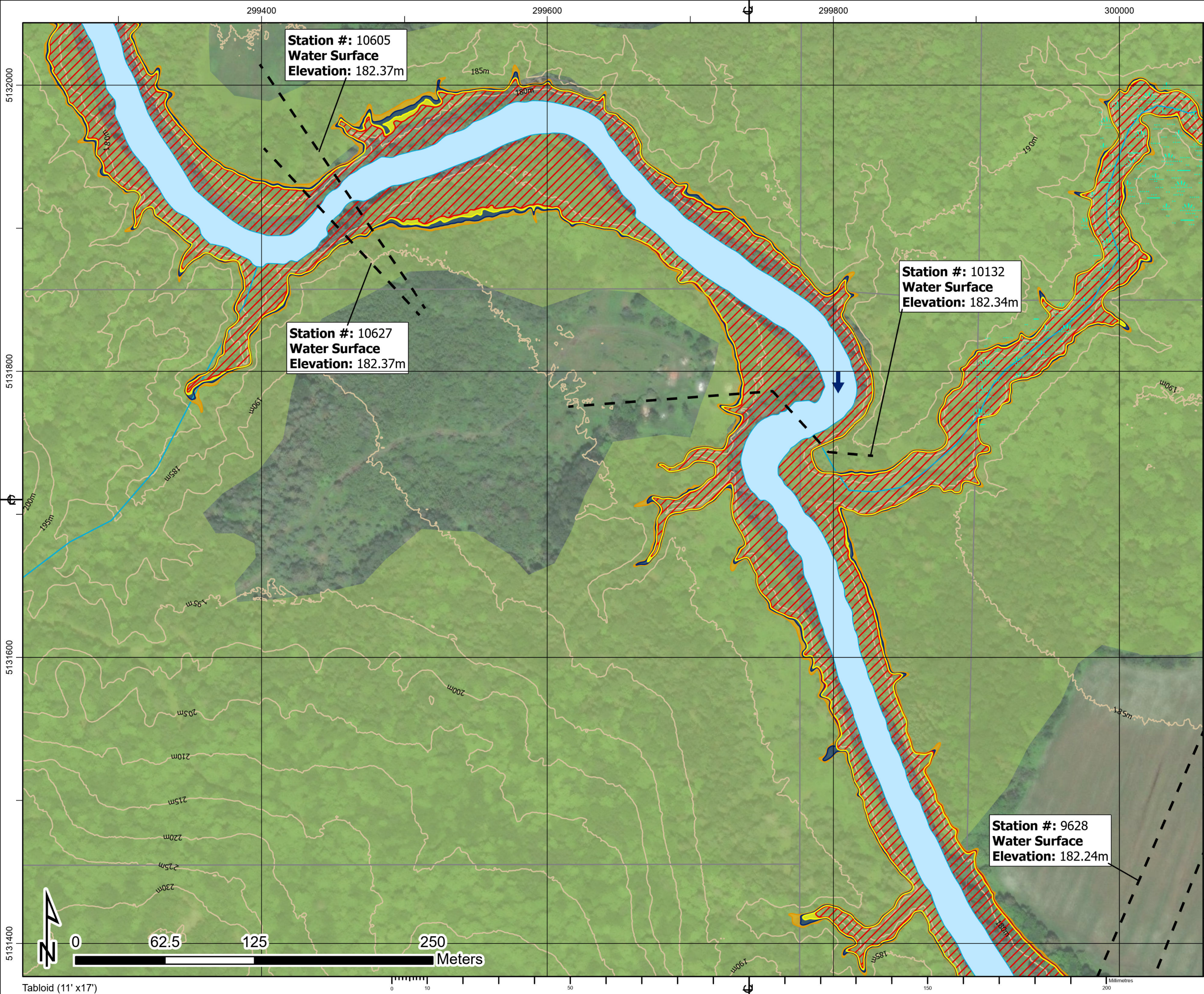
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

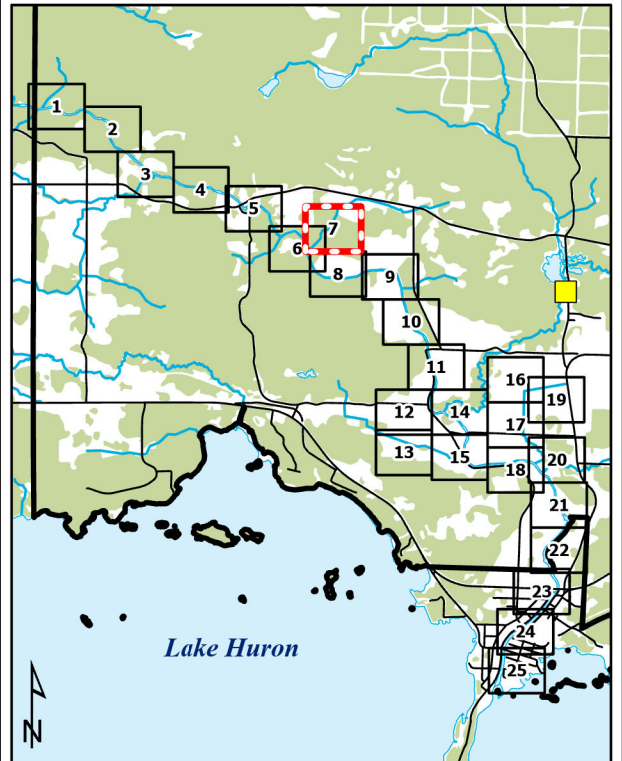
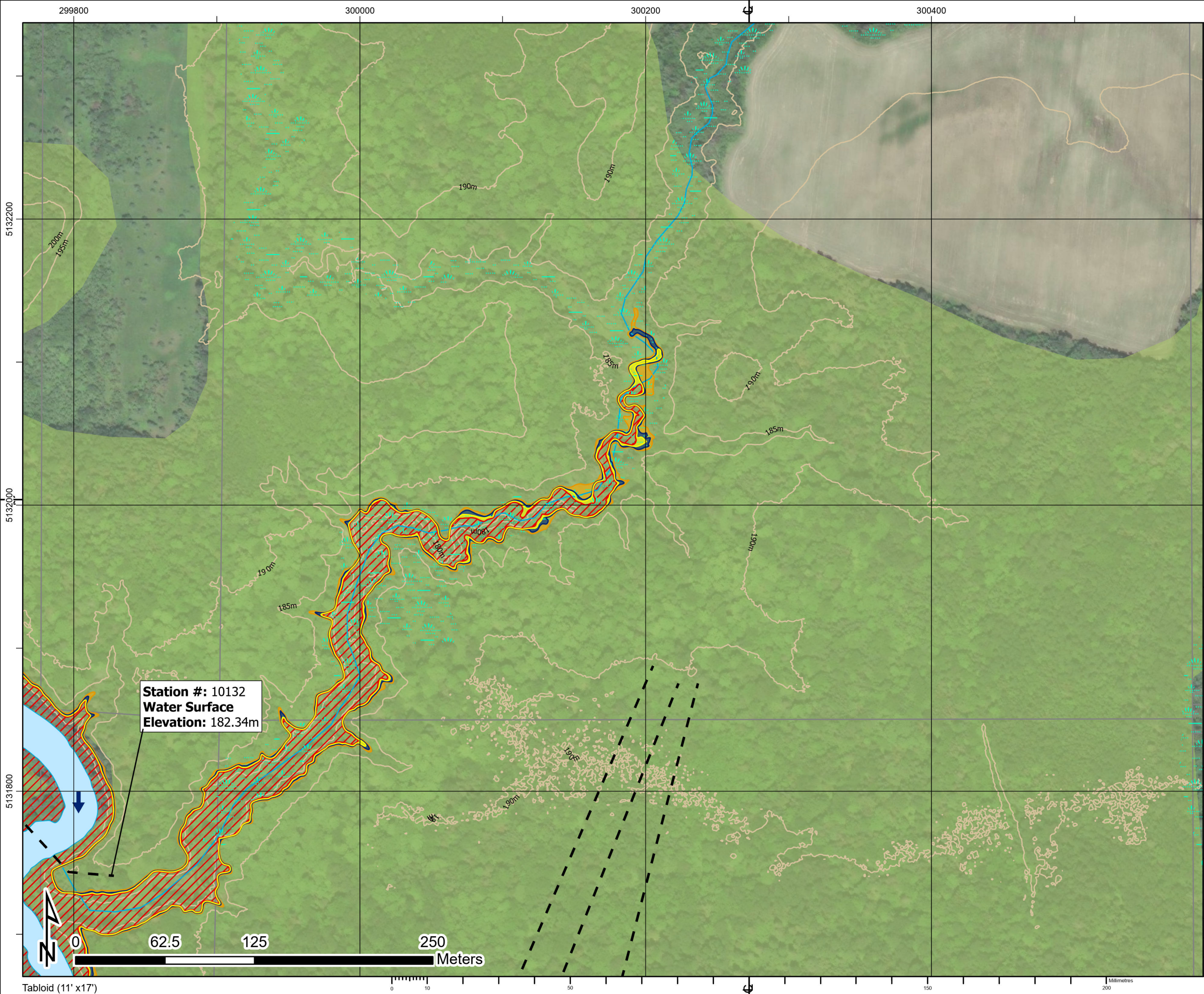
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

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2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

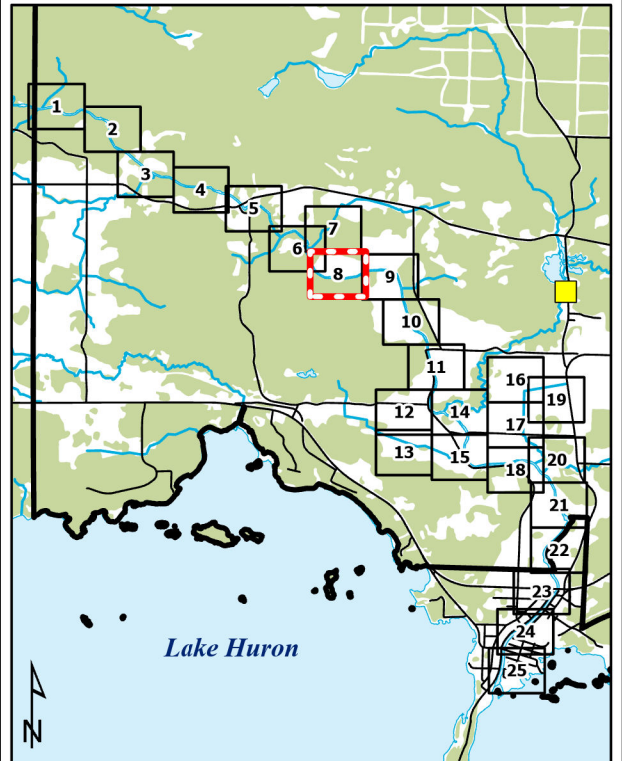
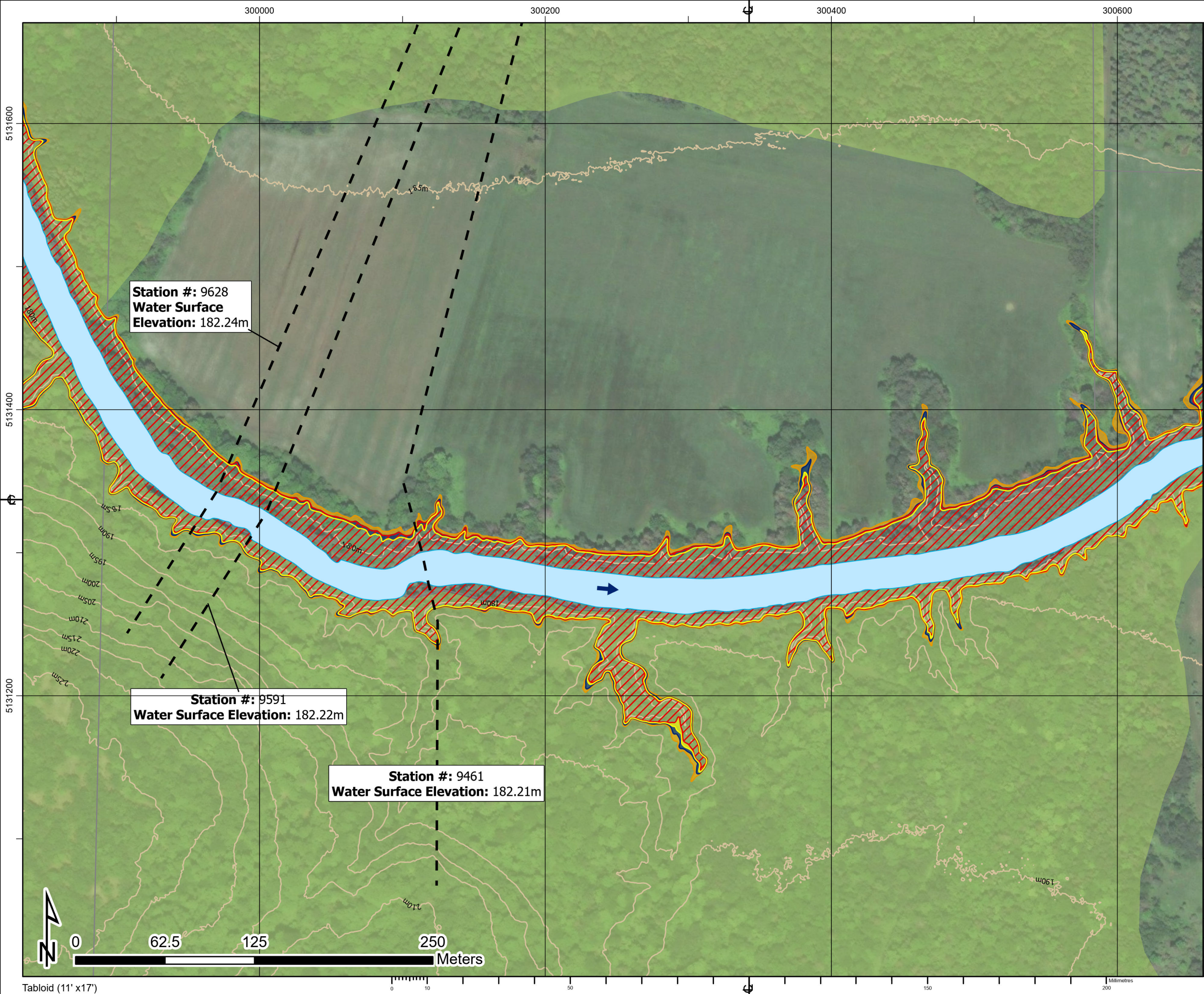
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**Flood Inundation Map**

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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

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Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

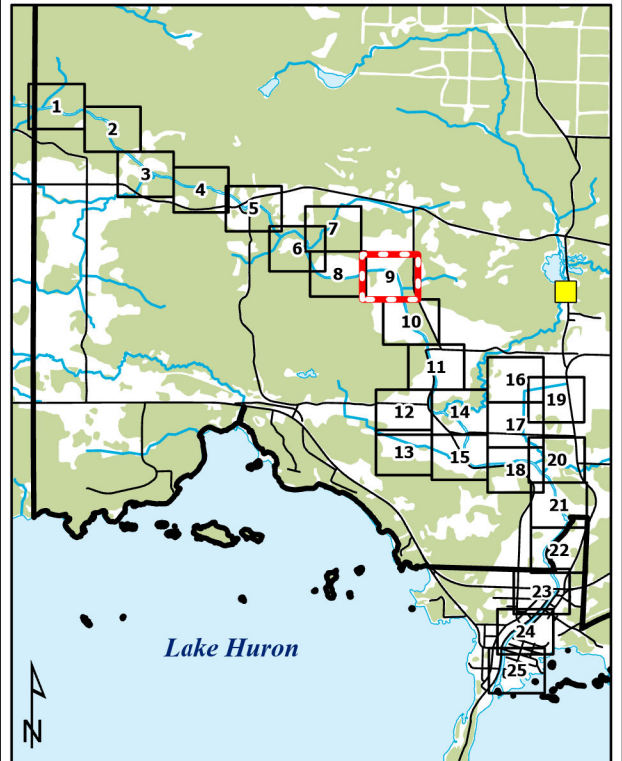
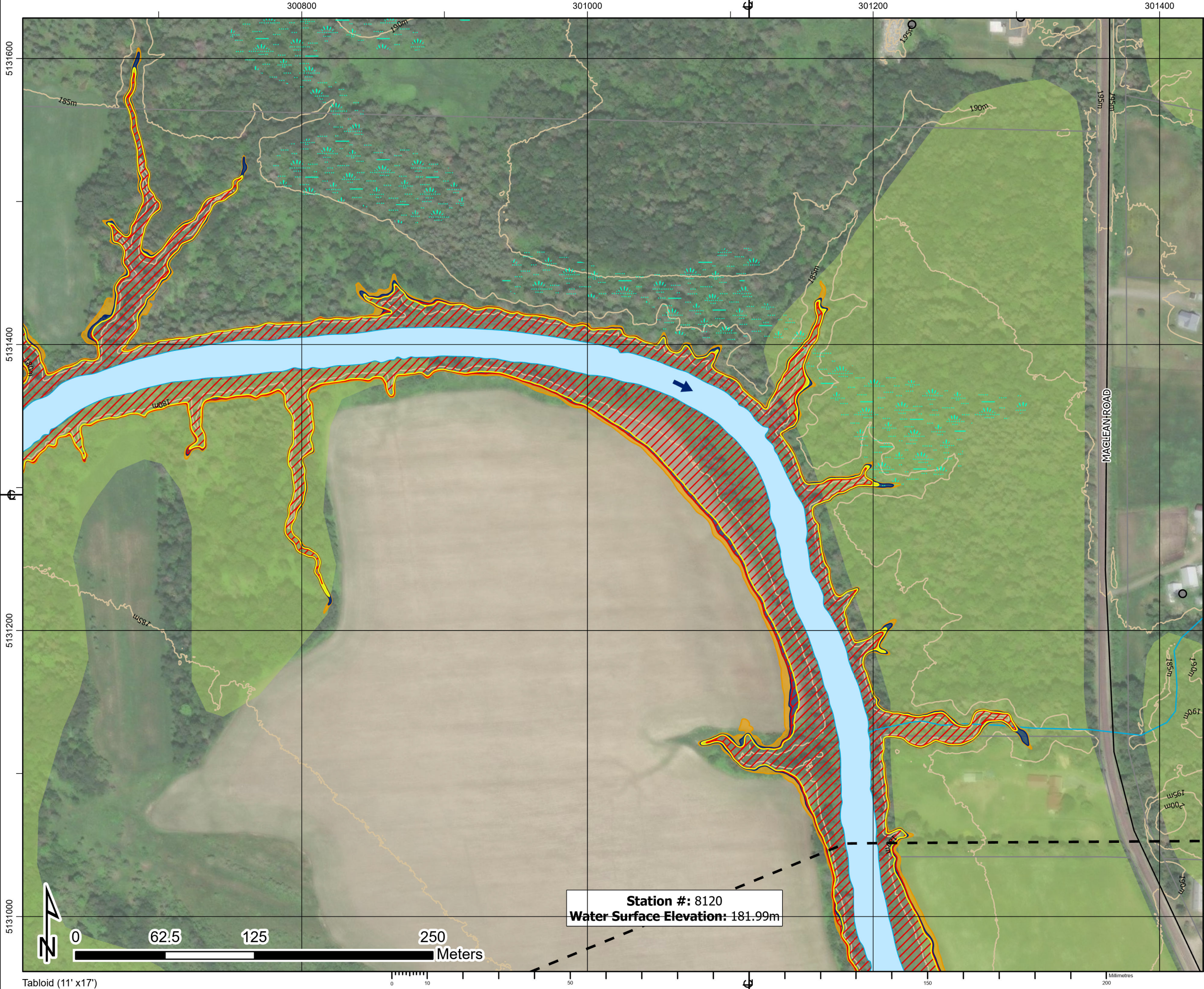
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H370886-0000-2B0-230-0001	8 OF 25		0





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Cross Section (Climate Change Proxy Floodline Elevation)

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**THESSALON RIVER**

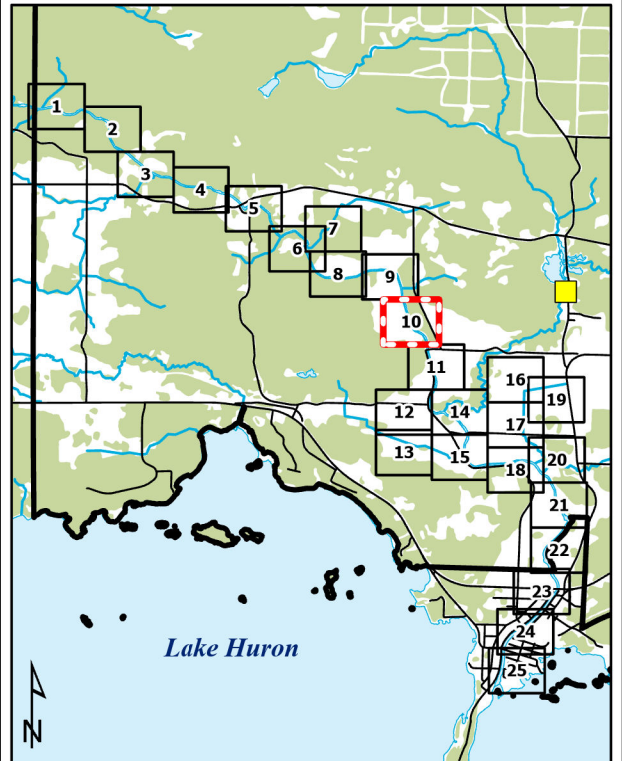
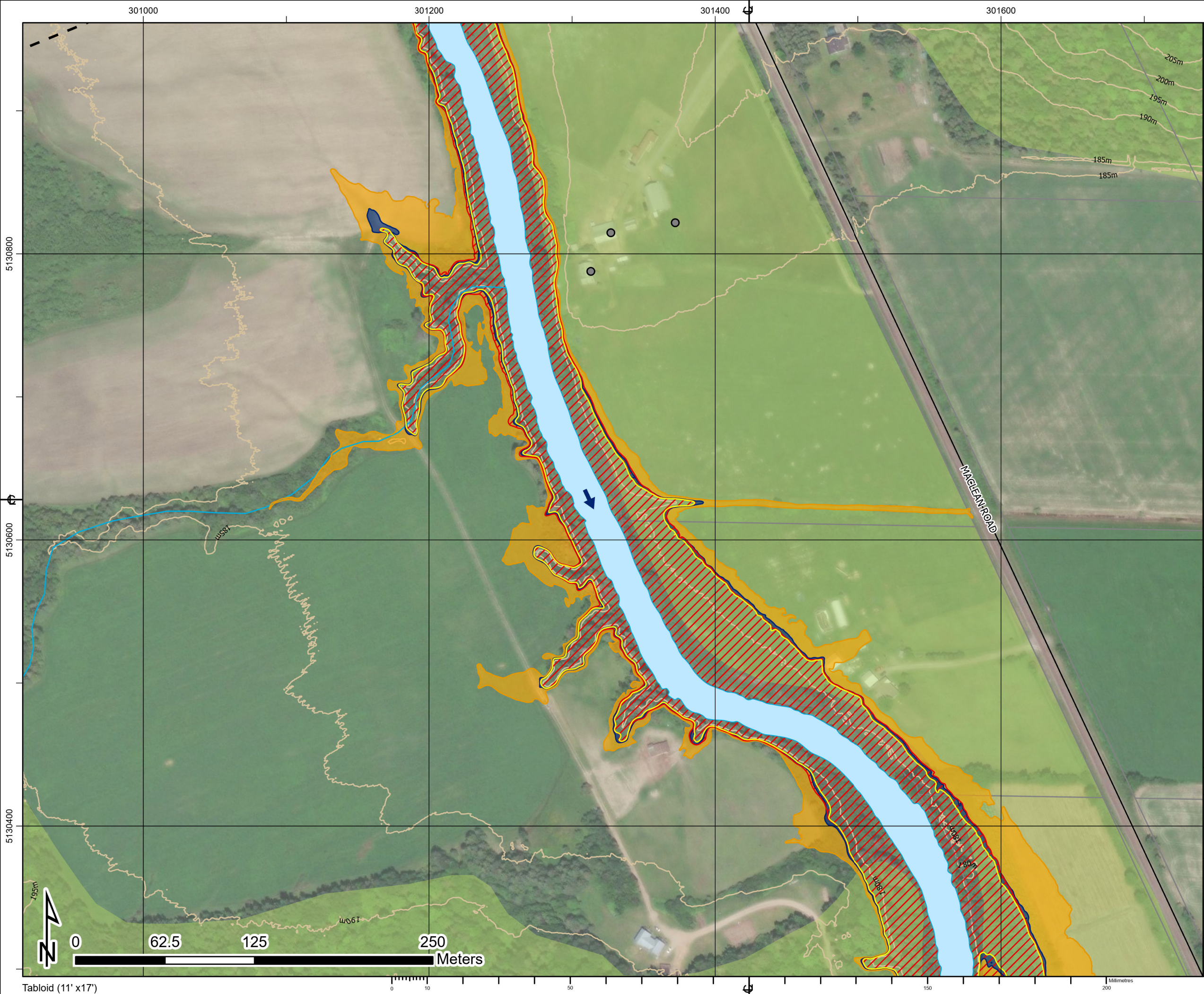
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Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

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Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

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Regulatory Floodline (100-Year Flood)

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**THESSALON RIVER**

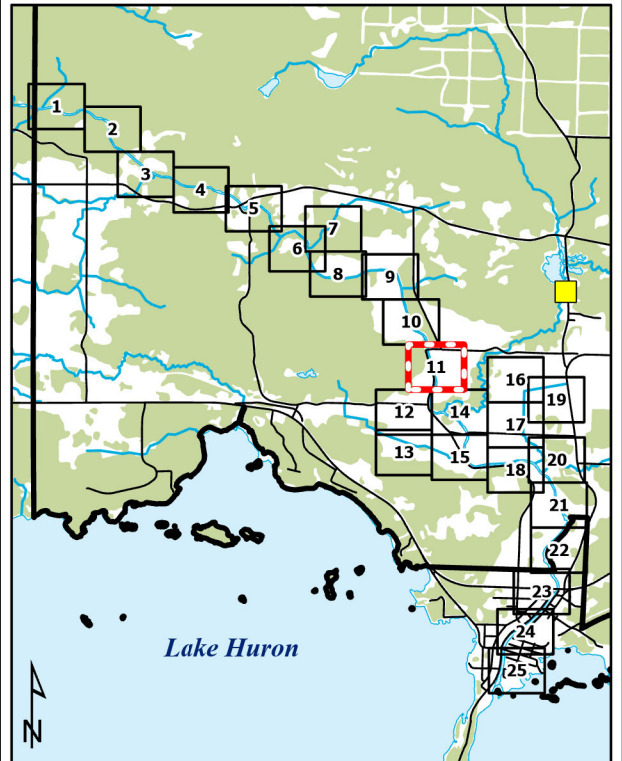
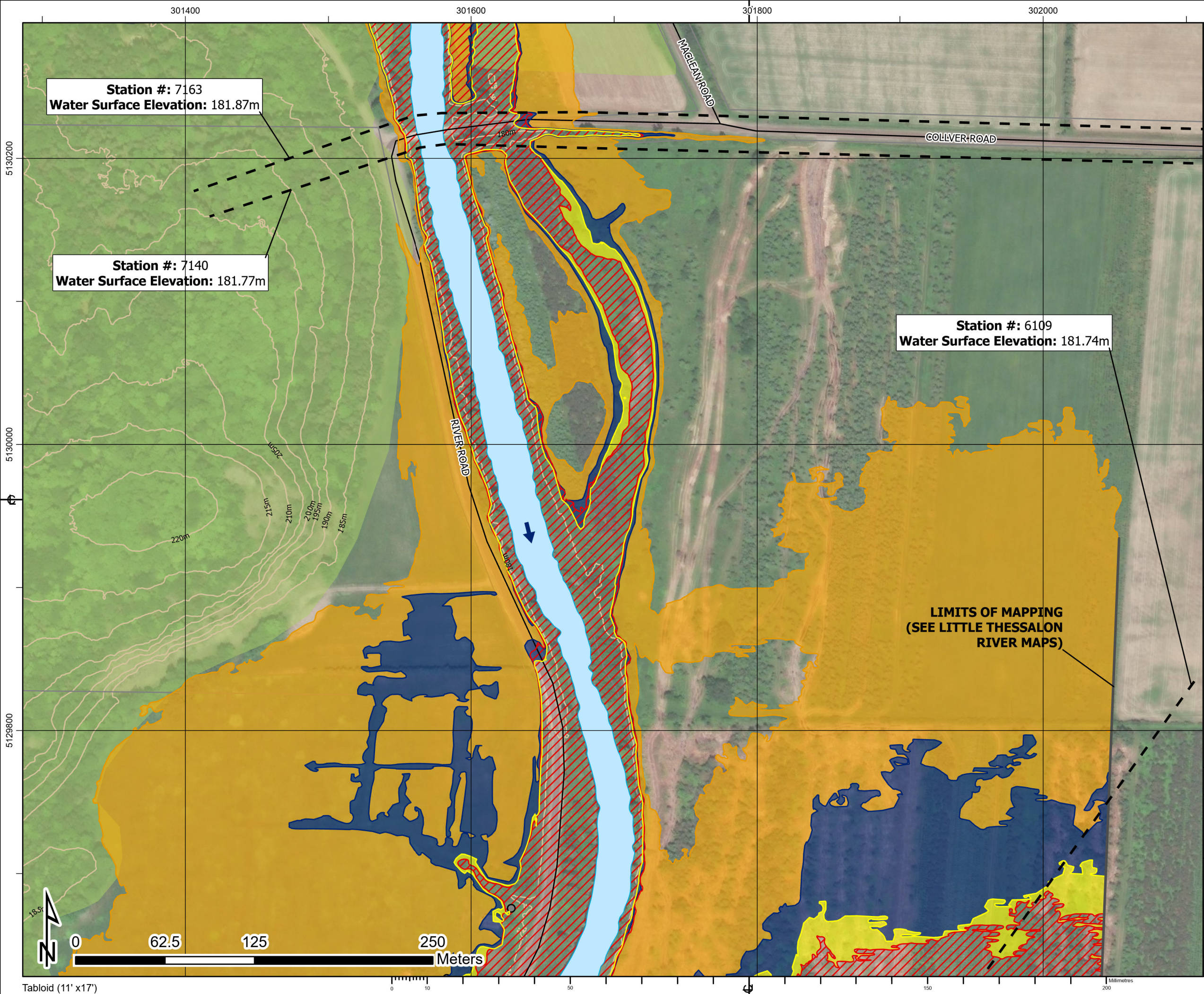
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numerical scale 1:2,500	vertical datum CGVD 2013	modelled by F. MASOOM	model reviewed by S. THAPA
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report document no H370886-0000-2B0-230-0001		sheet 10 OF 25	rev 0

Approved for Use - 2024-02-29





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

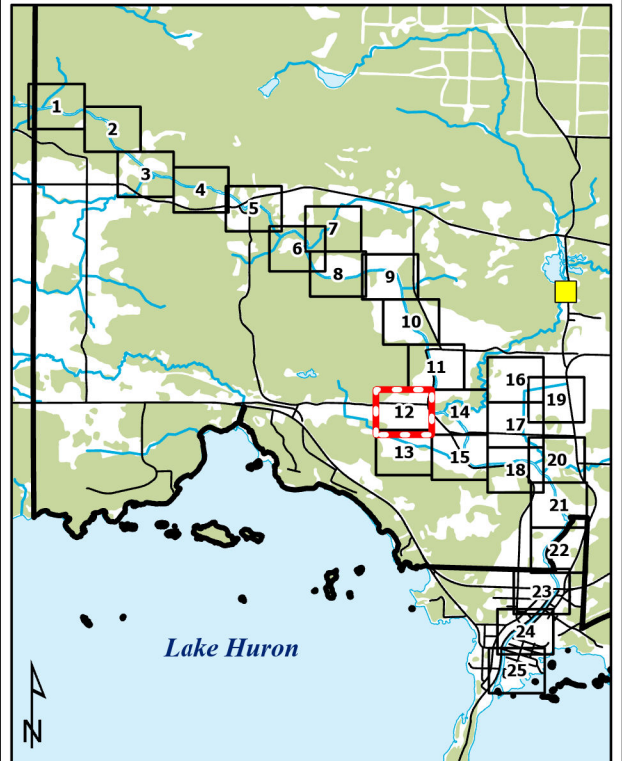
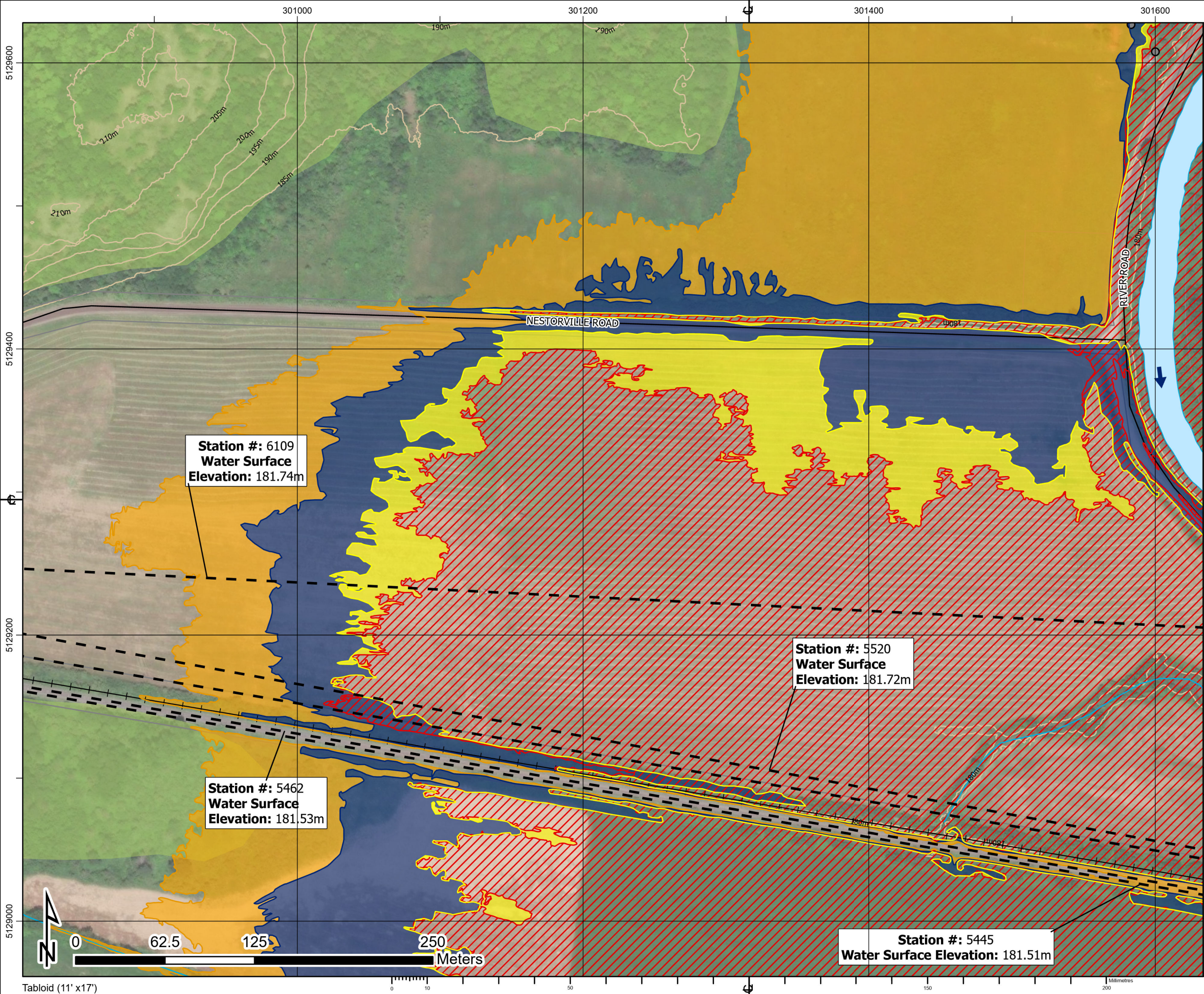
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	2024/02/29	checked by	J. SNELGROVE
numerical scale	1:2,500	model reviewed by	F. MASOOM
vertical datum	CGVD 2013	service layer credits	MAXAR
horizontal datum	UTM NAD 1983 CSRS	authorized by	S. THAPA
report document no	H370886-0000-2B0-230-0001	sheet	11 OF 25
		rev	0





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

**Thessalon River**

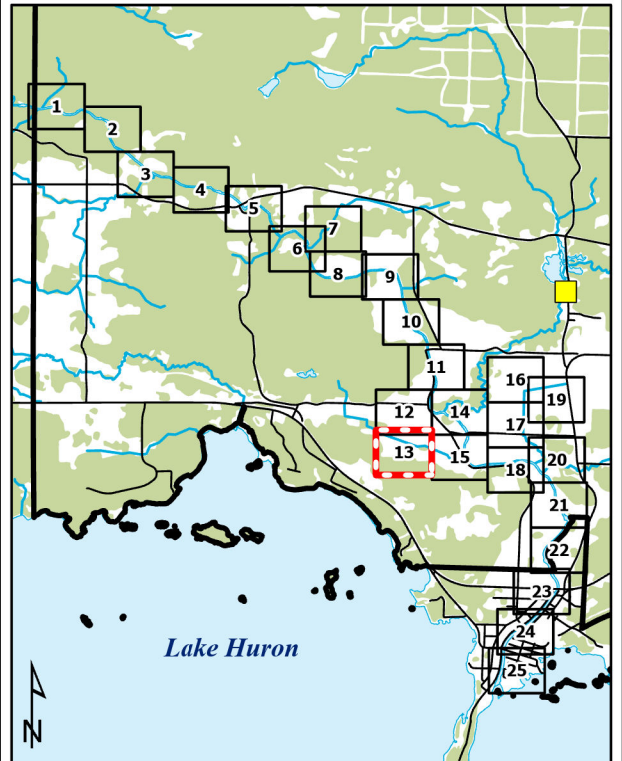
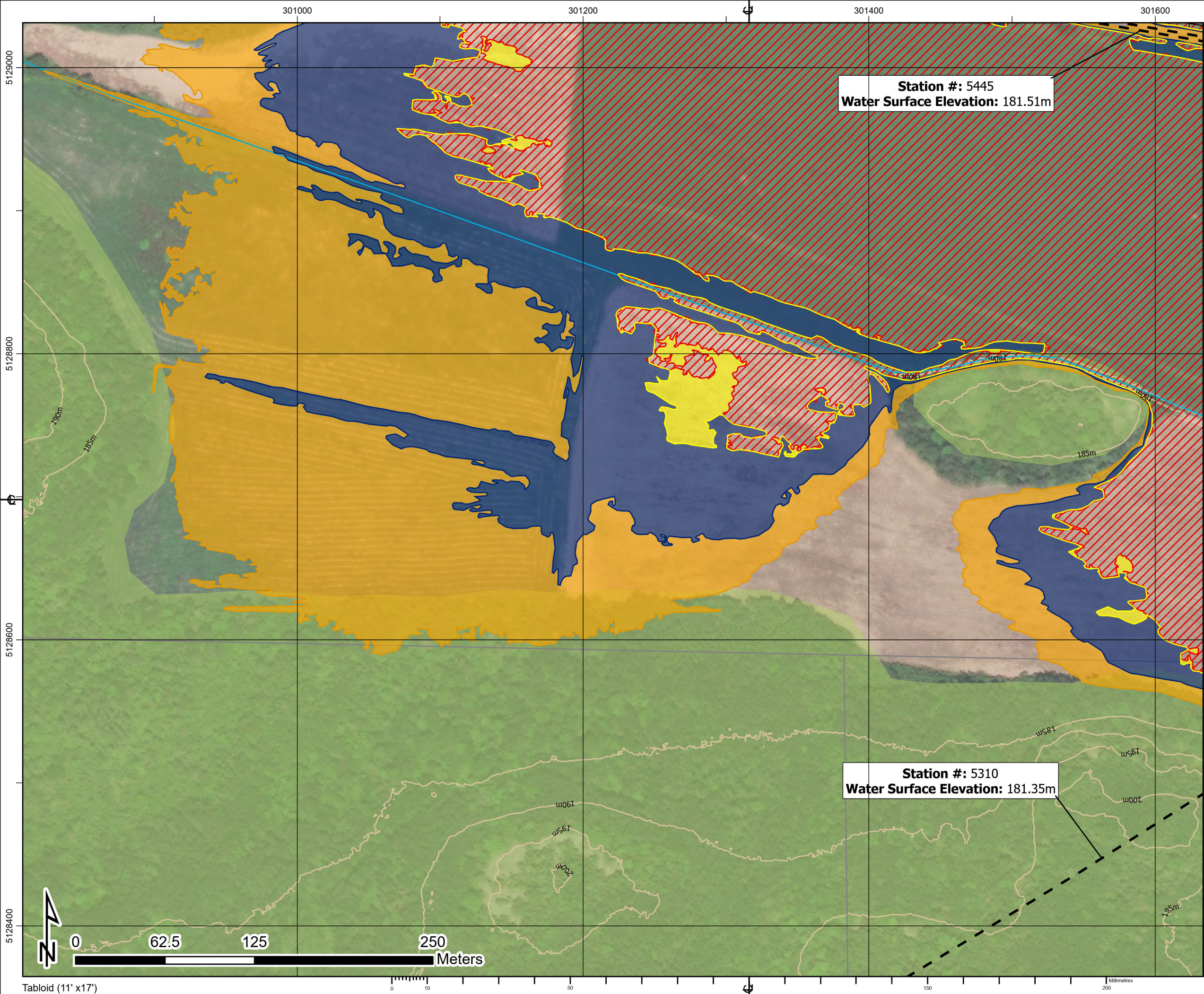
**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		12 OF 25	0

Approved for Use - 2024-02-29





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Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline



**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

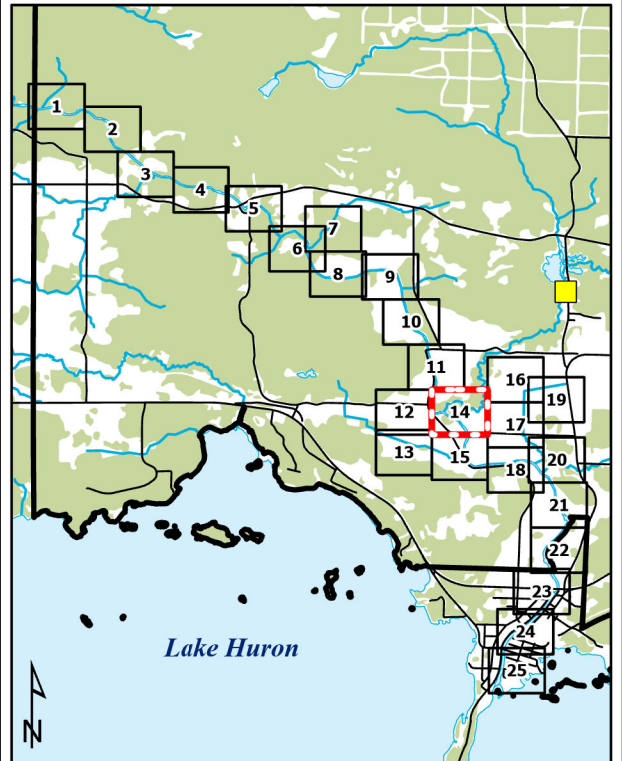
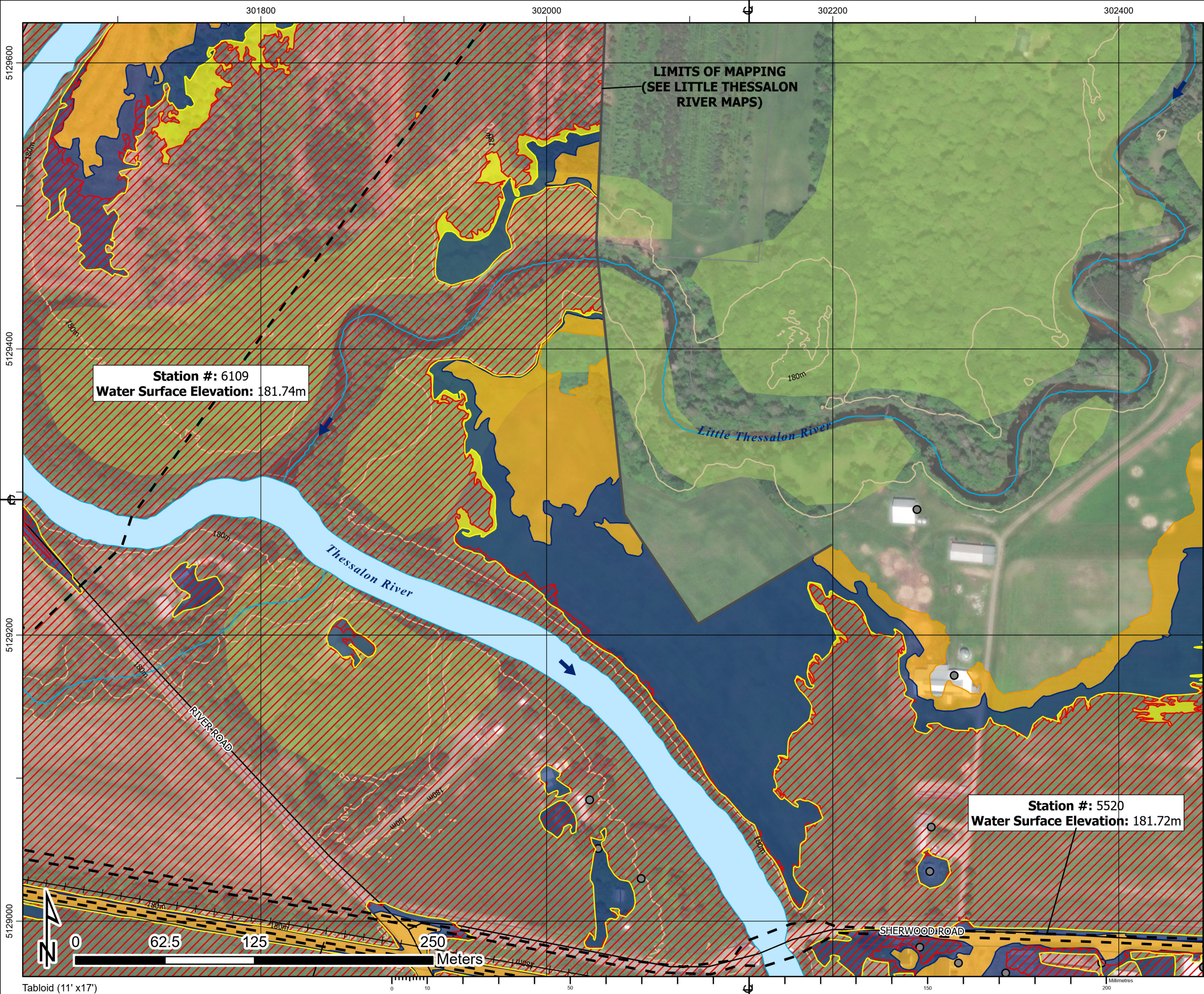
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

			
date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		13 OF 25	0





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**LEGEND**

—+— Railway	➔ Flow Direction
— Road	■ Dam
— Contour (5m)	— Cross Section (Climate Change Proxy Floodline Elevation)
● Building (As Symbol)	▨ Climate Change Proxy Floodway
■ Building (To Scale)	■ 50-Year Floodline
■ Waterbody	■ Regulatory Floodline (100-Year Flood)
■ Wetland	■ Climate Change Proxy Floodline
■ Wooded Area	


**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

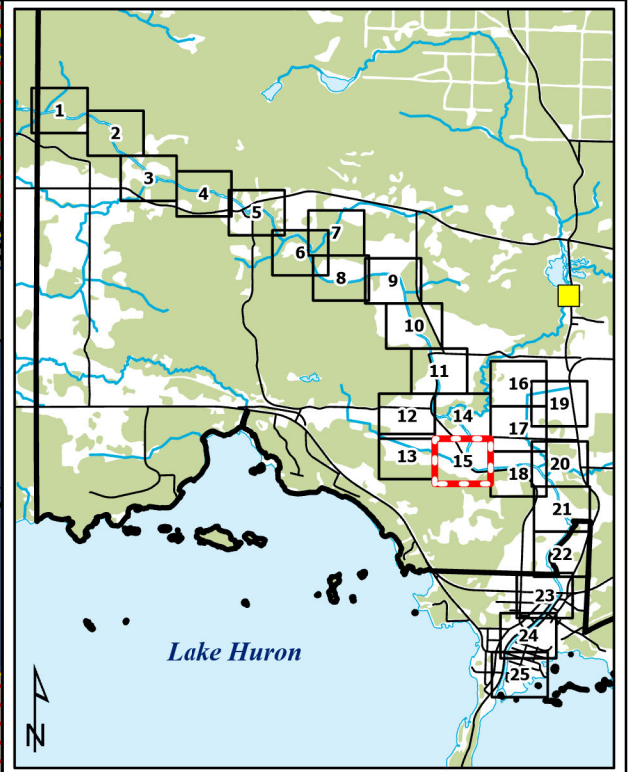
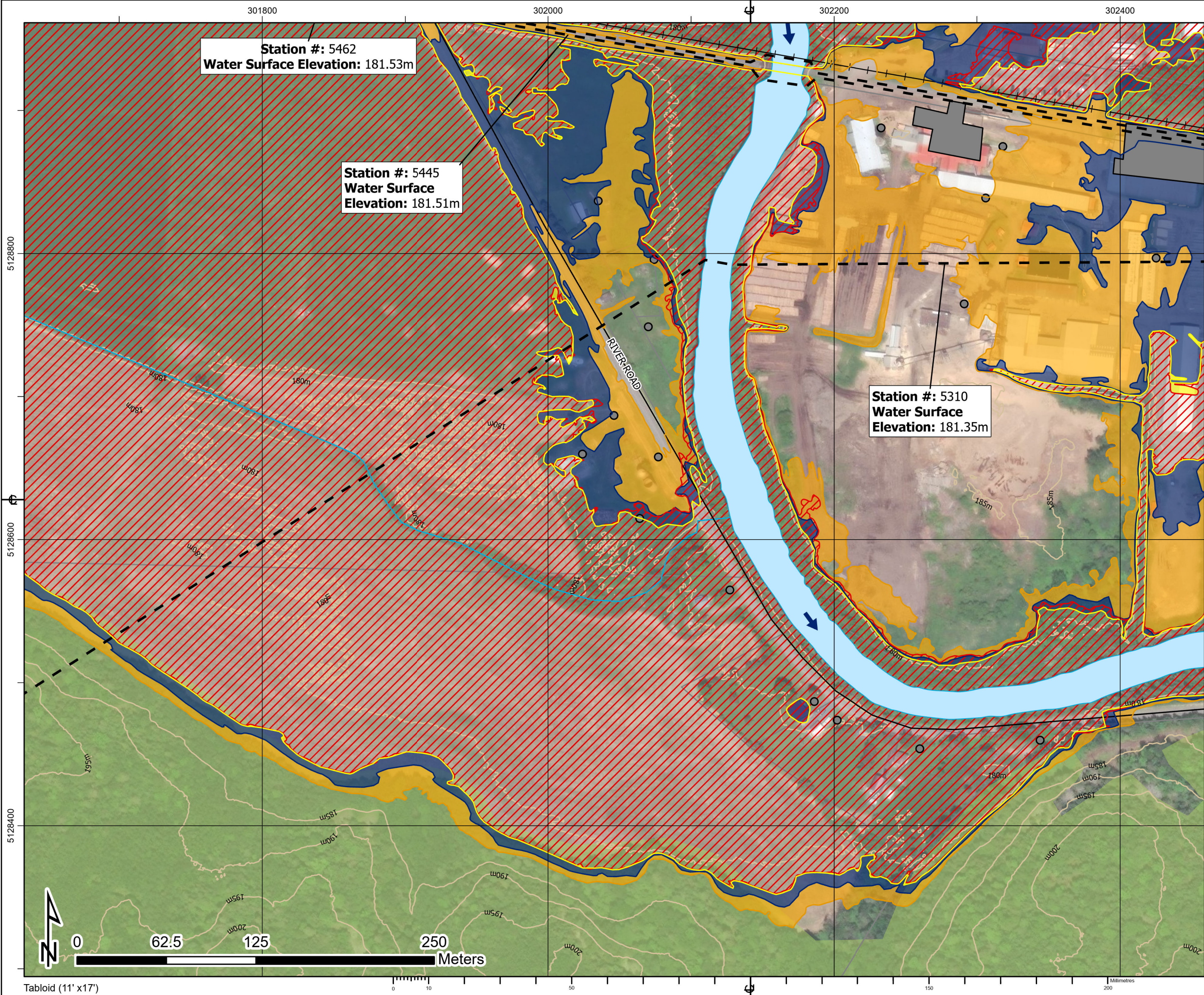
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

<b>HATCH</b>			
date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modelled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		14 OF 25	0





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

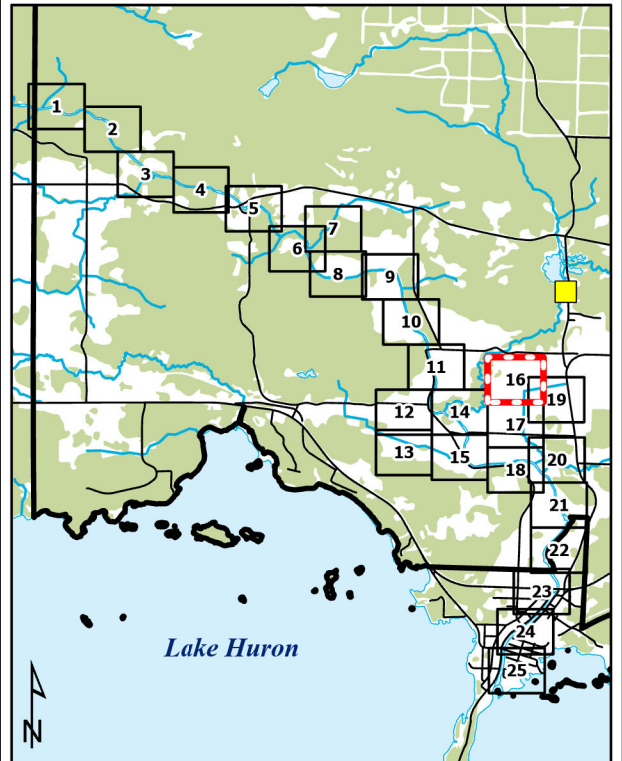
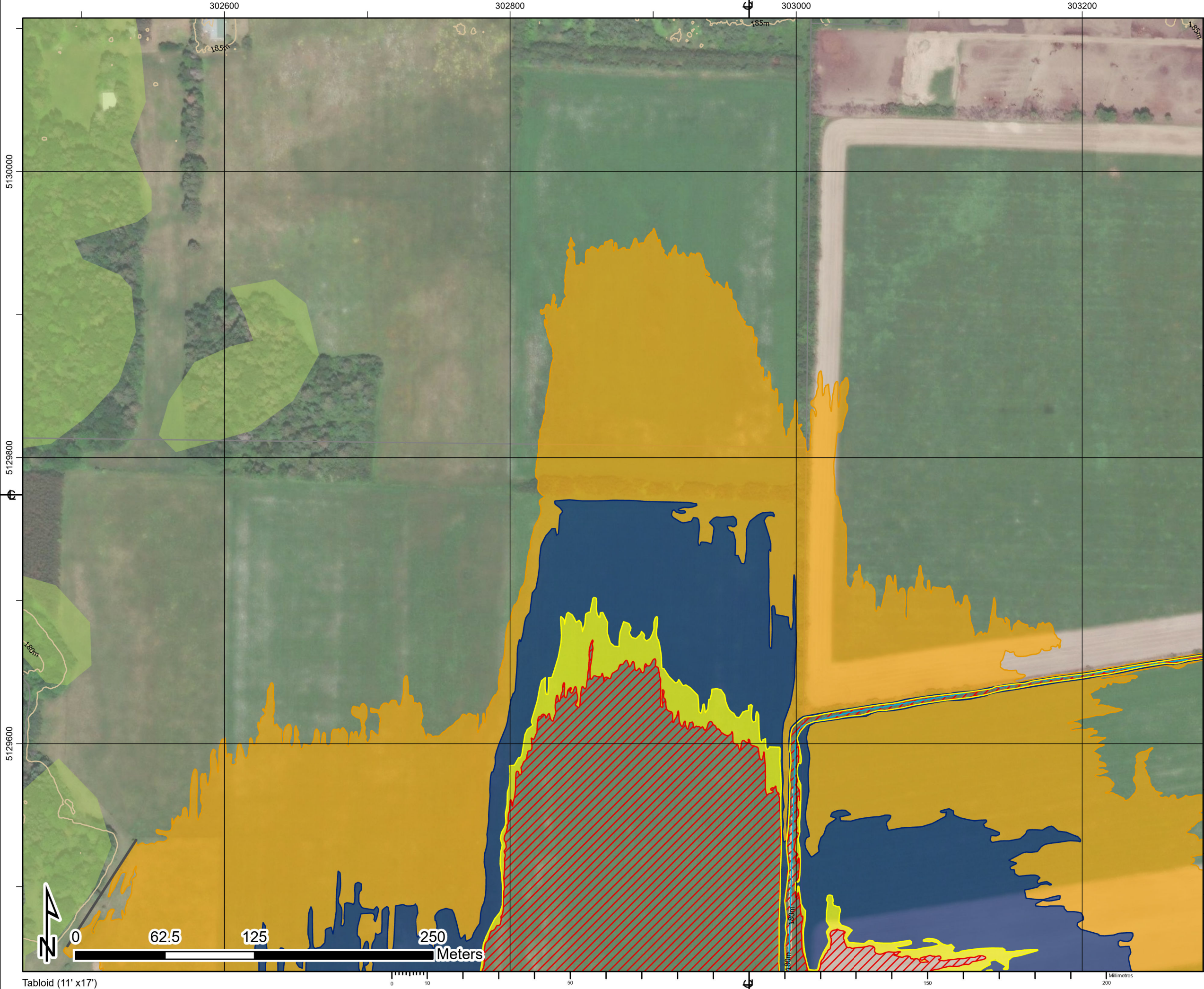
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no	sheet		rev
H370886-0000-2B0-230-0001	15 OF 25		0





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

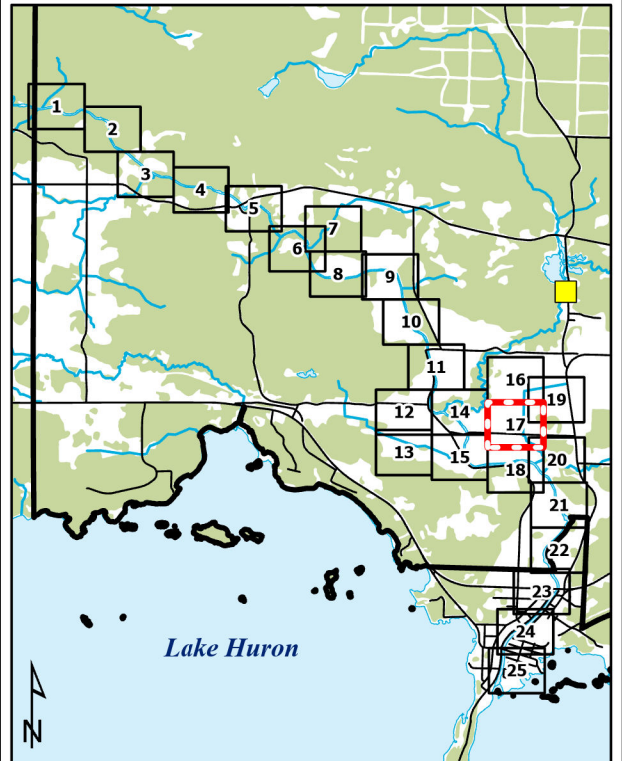
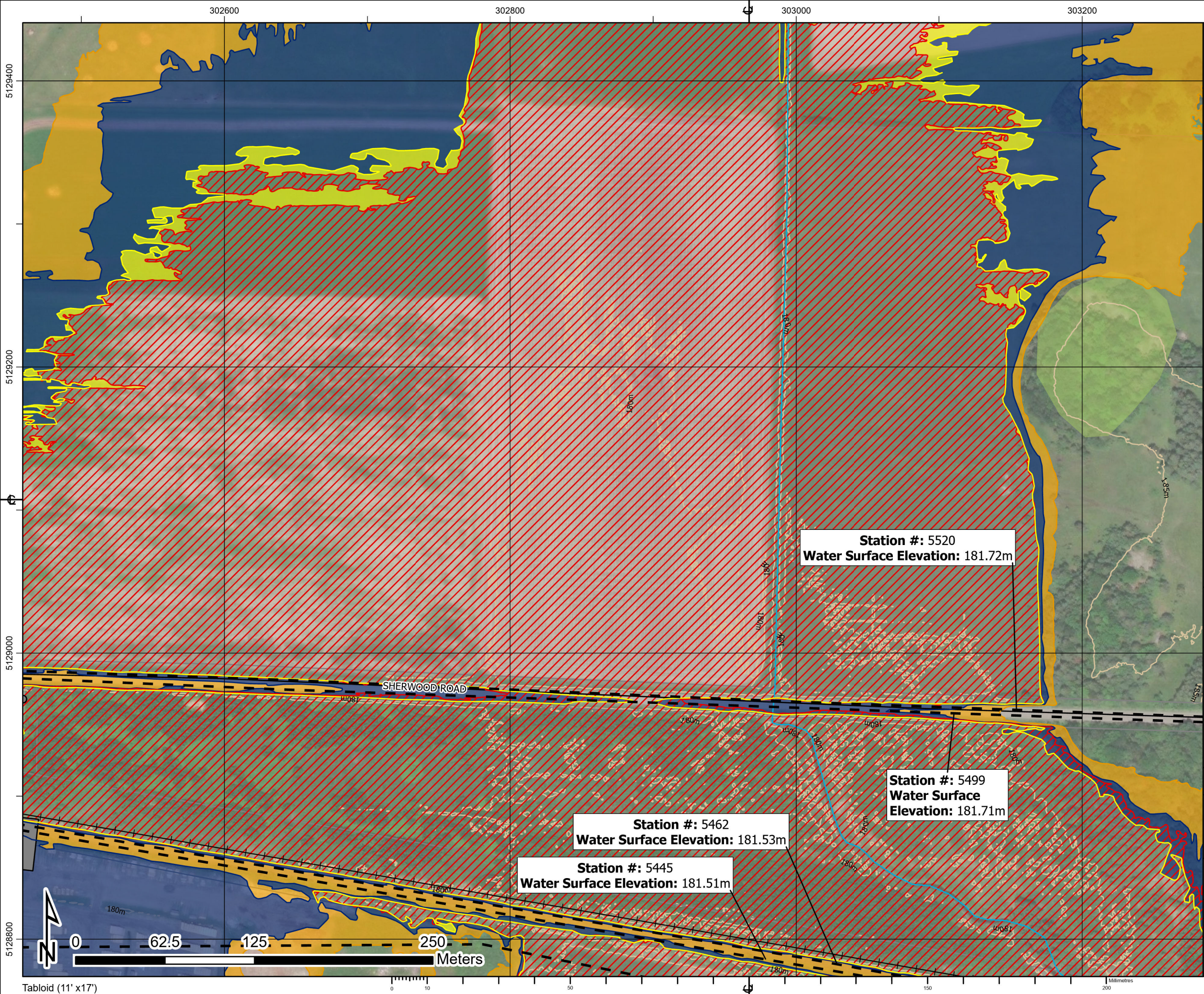
Climate Change Proxy Floodline

### THESSALON RIVER

District Municipality of Huron Shores - Floodplain Mapping  
**Thessalon River  
50-Year, Regulatory, and Climate Change Proxy Event  
Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no	sheet		rev
H370886-0000-2B0-230-0001	16 OF 25		0





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**LEGEND**

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— Road	■ Dam
— Contour (5m)	— Cross Section (Climate Change Proxy Floodline Elevation)
● Building (As Symbol)	▨ Climate Change Proxy Floodway
■ Building (To Scale)	■ 50-Year Floodline
■ Waterbody	■ Regulatory Floodline (100-Year Flood)
■ Wetland	■ Climate Change Proxy Floodline
■ Wooded Area	

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

**Thessalon River**

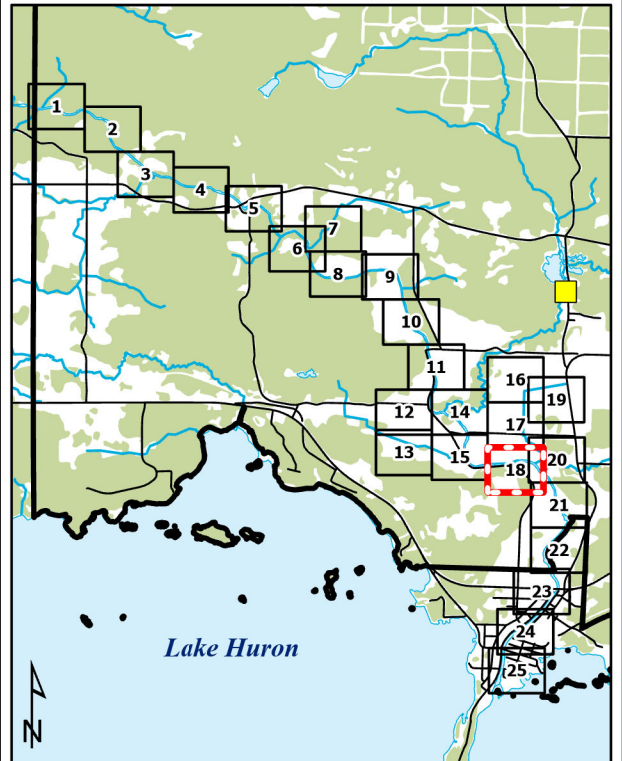
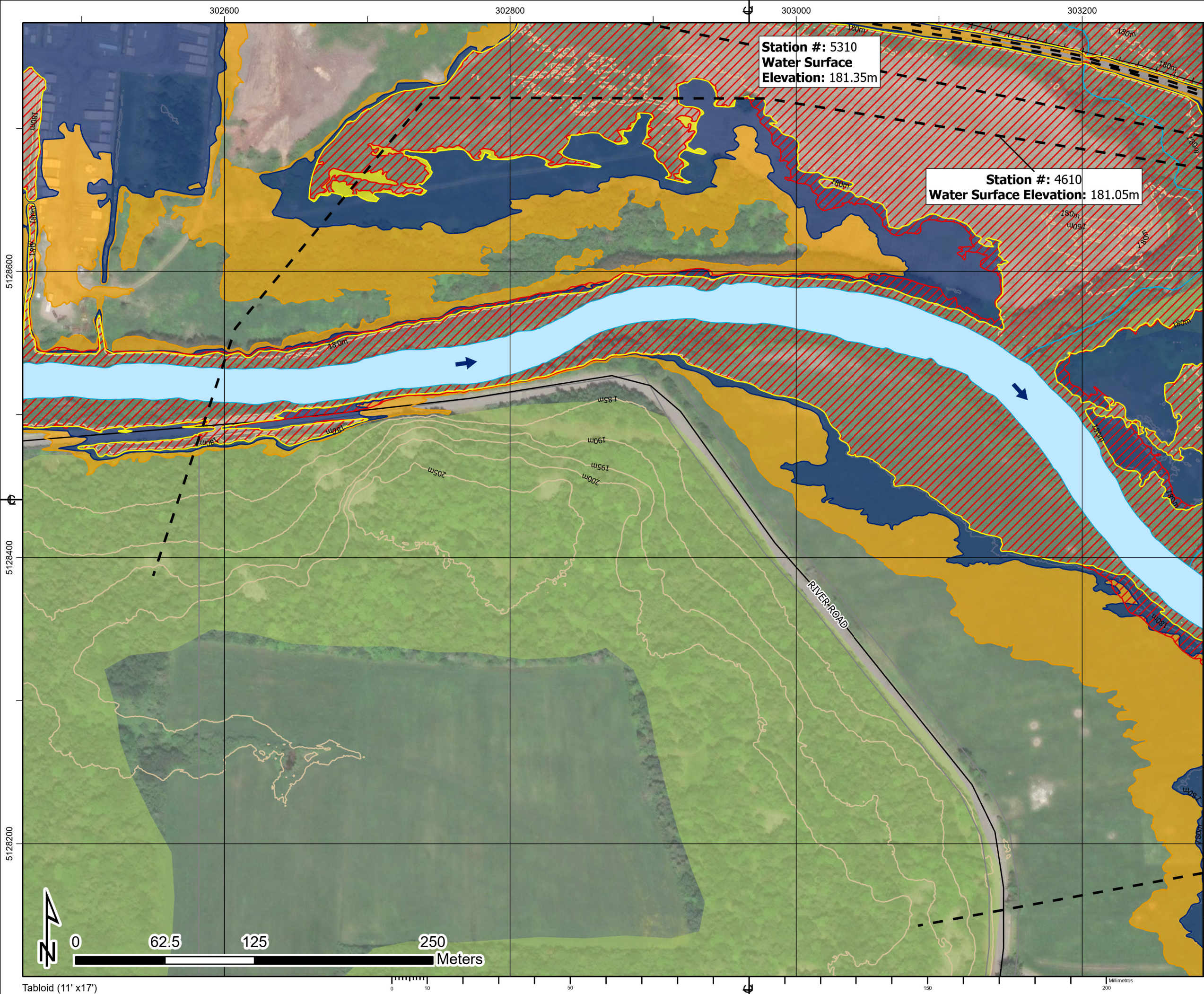
**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

<b>HATCH</b>			
date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no	sheet		rev
H370886-0000-2B0-230-0001	17 OF 25		0

Approved for Use - 2024-02-29





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

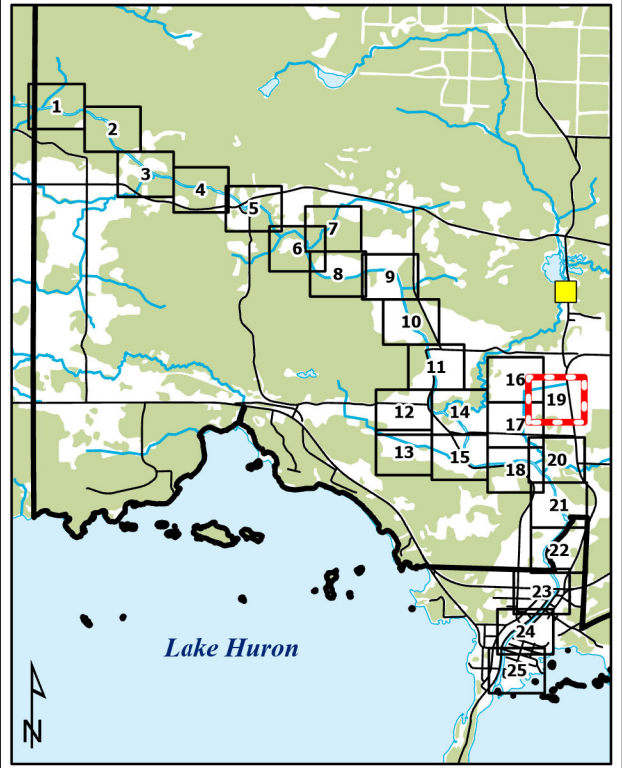
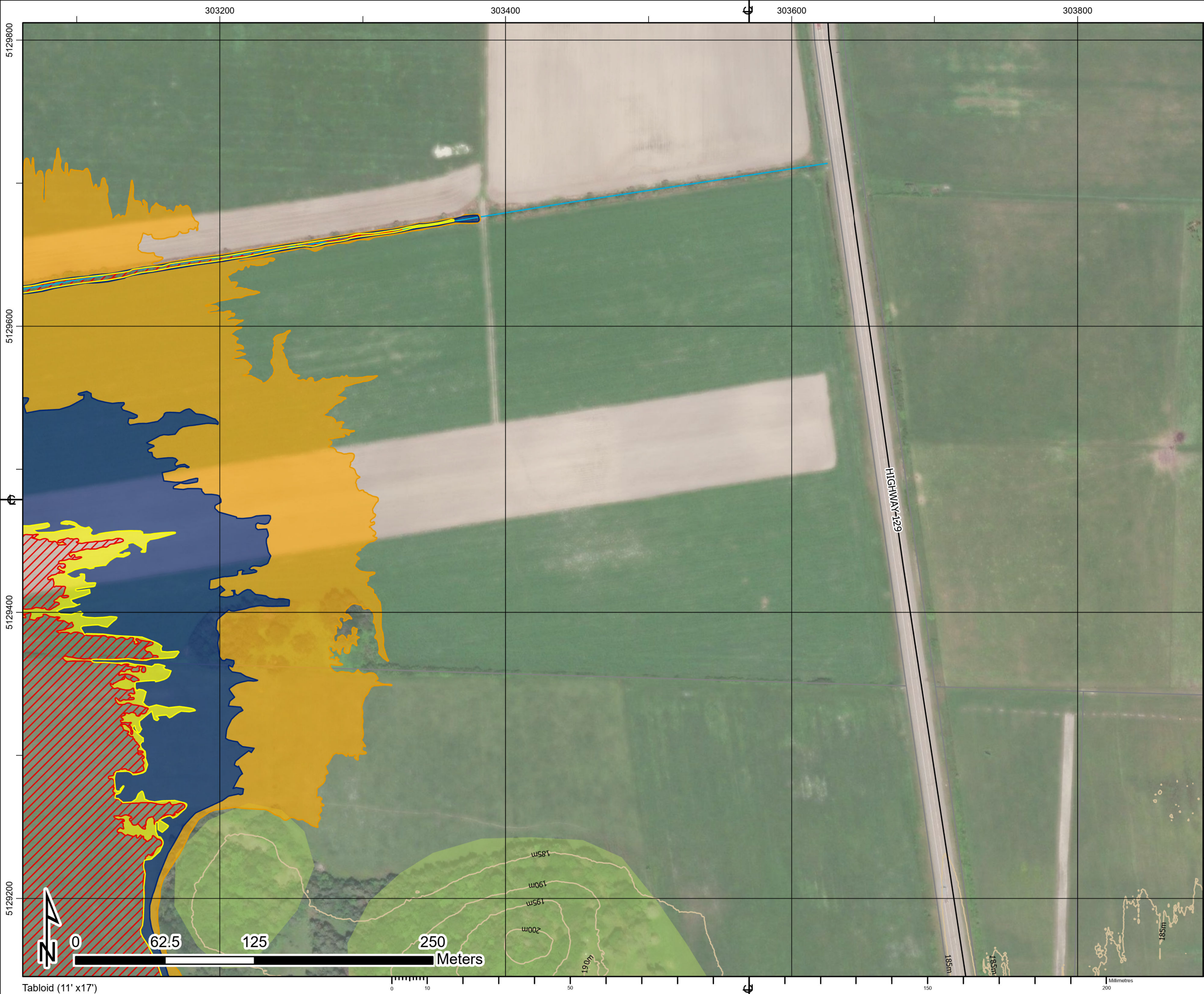
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		18 OF 25	0





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Railway

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Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

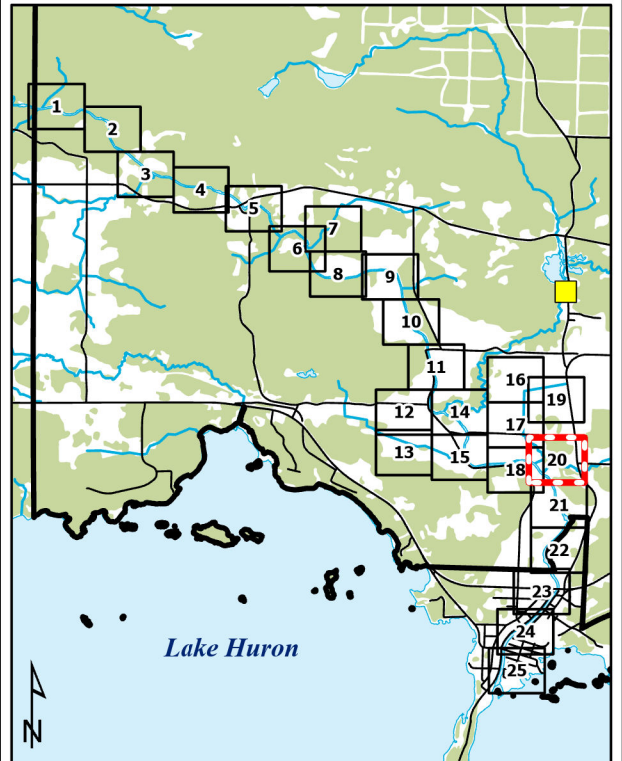
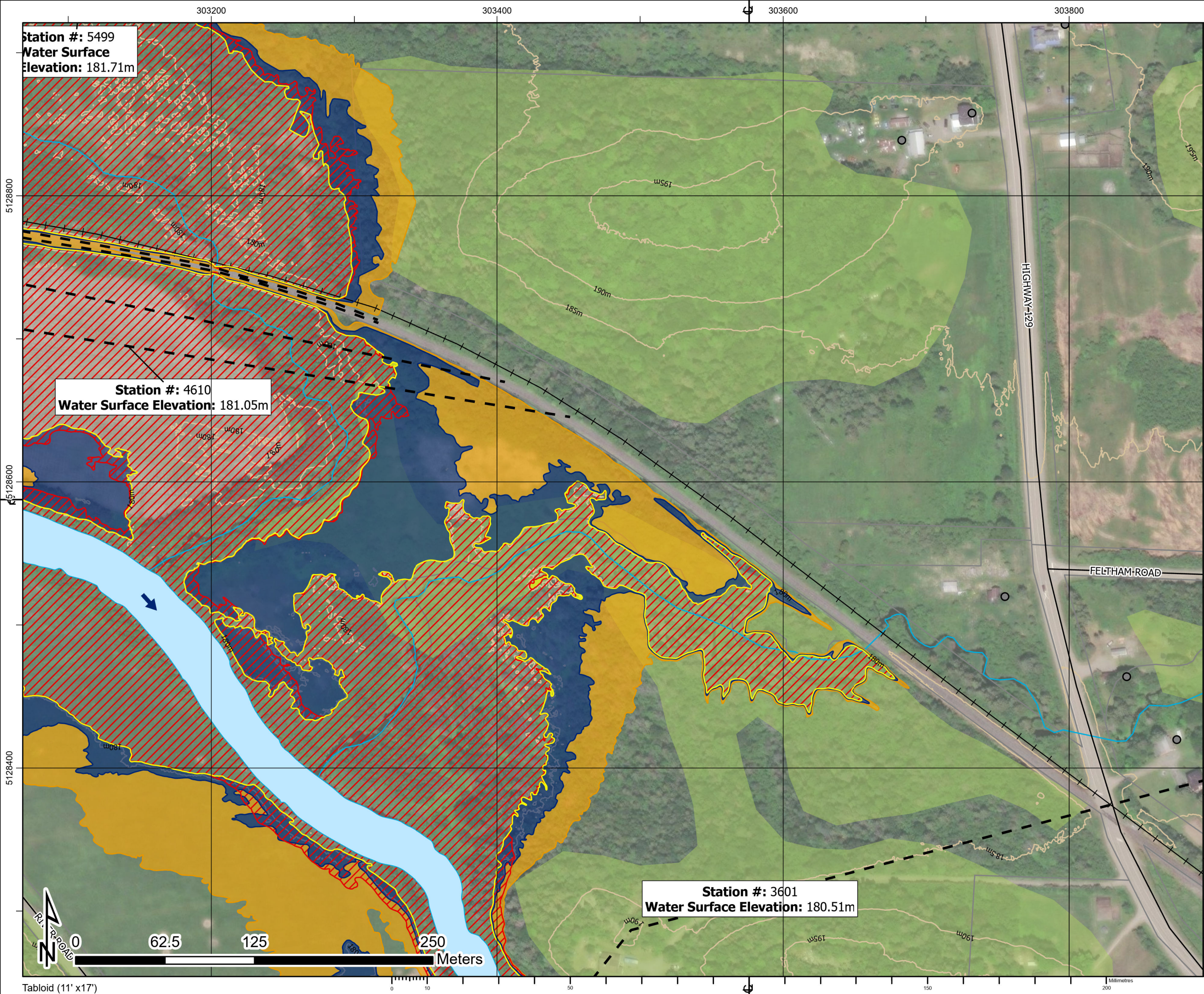
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day		projection	mapped by	checked by
2024/02/29		ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by	
1:2,500	CGVD 2013	F. MASOOM	S. THAPA	
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report document no			sheet	rev
H370886-0000-2B0-230-0001			19 OF 25	0





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Railway

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Flow Direction

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Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

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Climate Change Proxy Floodline



**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

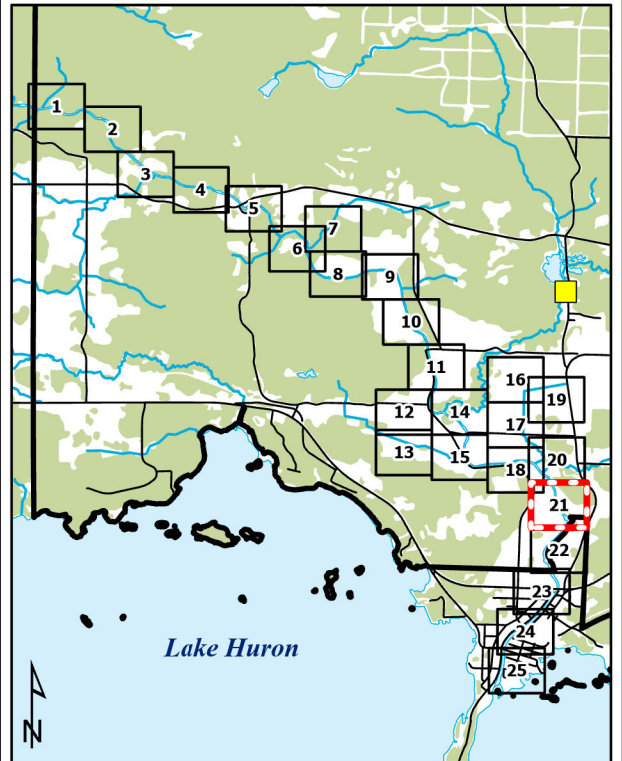
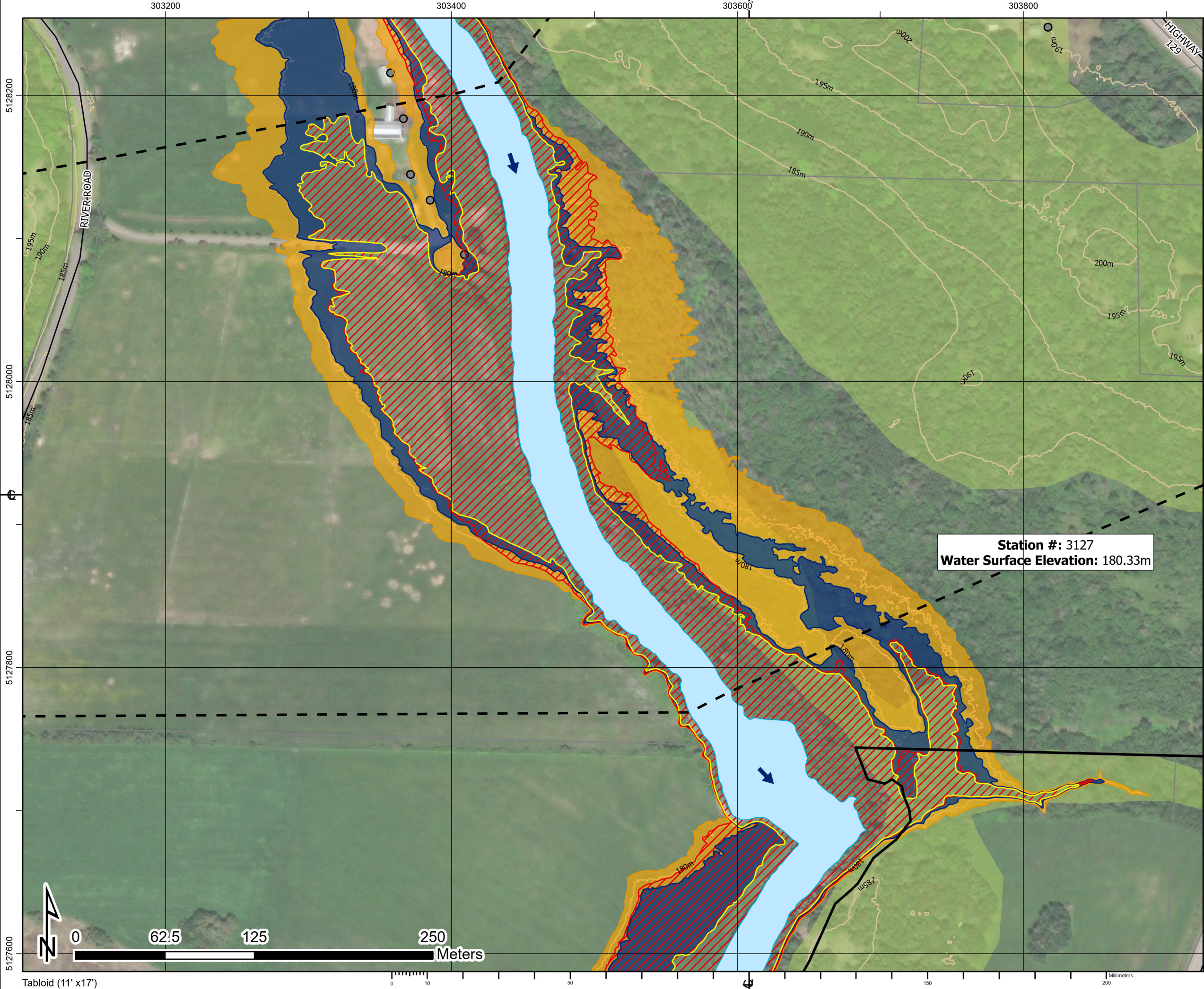
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

			
date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
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report document no	sheet		rev
H370886-0000-2B0-230-0001	20 OF 25		0





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Waterbody

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Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

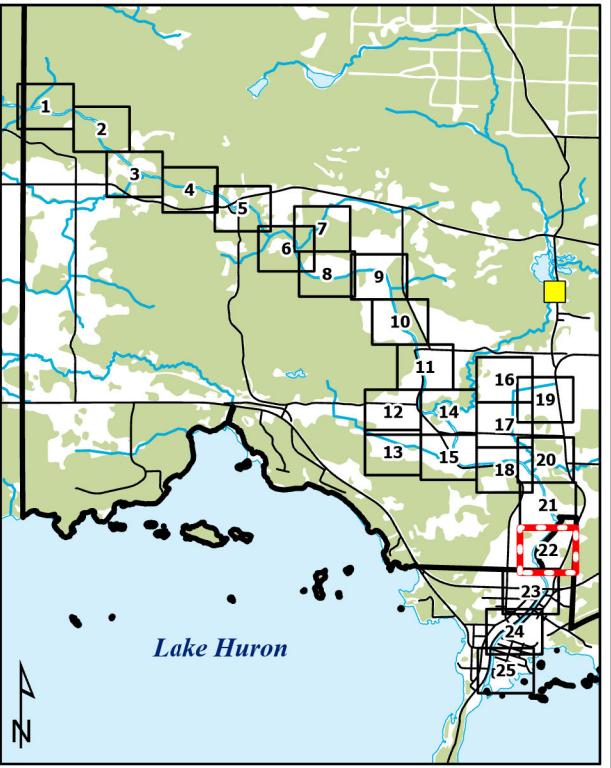
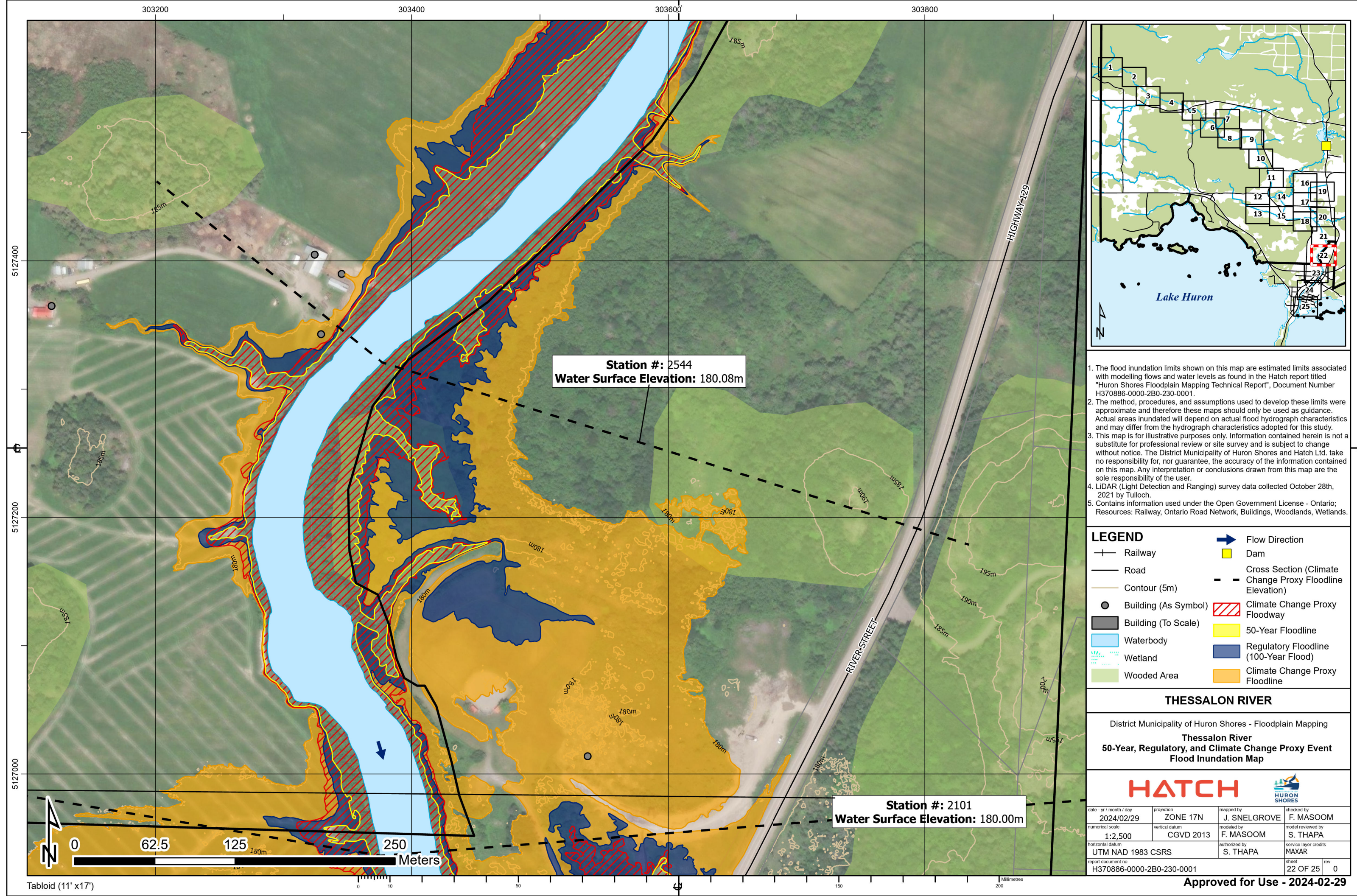
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
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UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no	sheet		rev
H370886-0000-2B0-230-0001	21 OF 25		0





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5. Contains information used under the Open Government License - Ontario; Resources: Railway, Ontario Road Network, Buildings, Woodlands, Wetlands.

**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

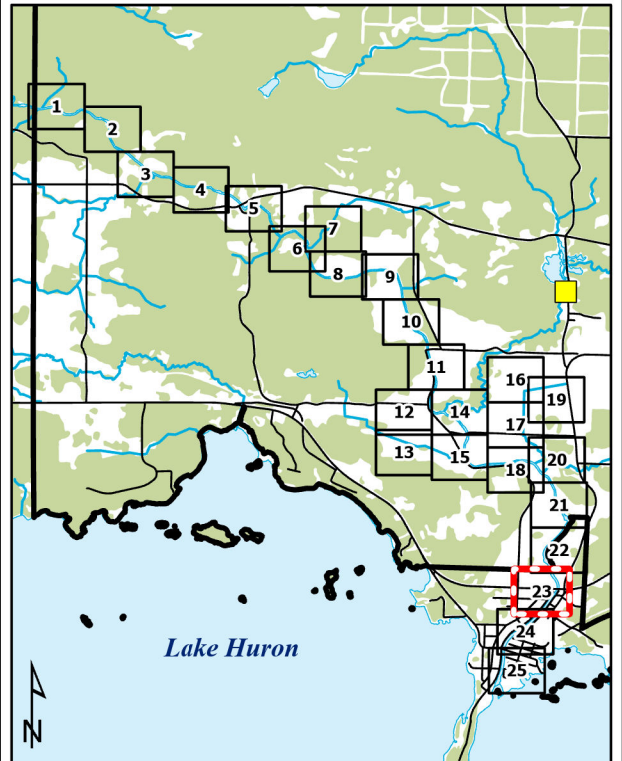
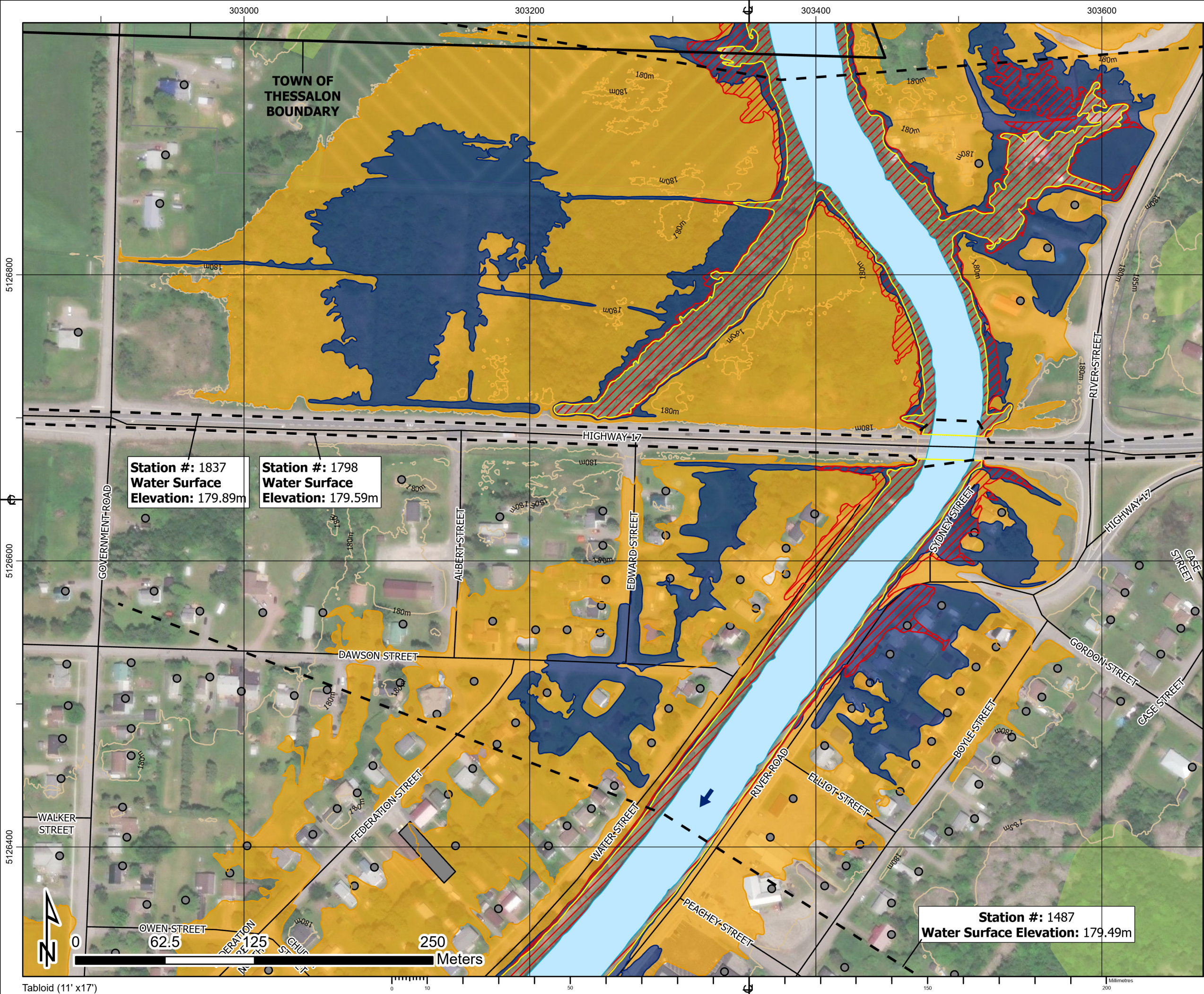
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modelled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no	sheet		rev
H370886-0000-2B0-230-0001	22 OF 25		0





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**LEGEND**

—+— Railway	➔ Flow Direction
— Road	■ Dam
— Contour (5m)	— Cross Section (Climate Change Proxy Floodline Elevation)
● Building (As Symbol)	▨ Climate Change Proxy Floodway
■ Building (To Scale)	■ 50-Year Floodline
■ Waterbody	■ Regulatory Floodline (100-Year Flood)
■ Wetland	■ Climate Change Proxy Floodline
■ Wooded Area	


**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

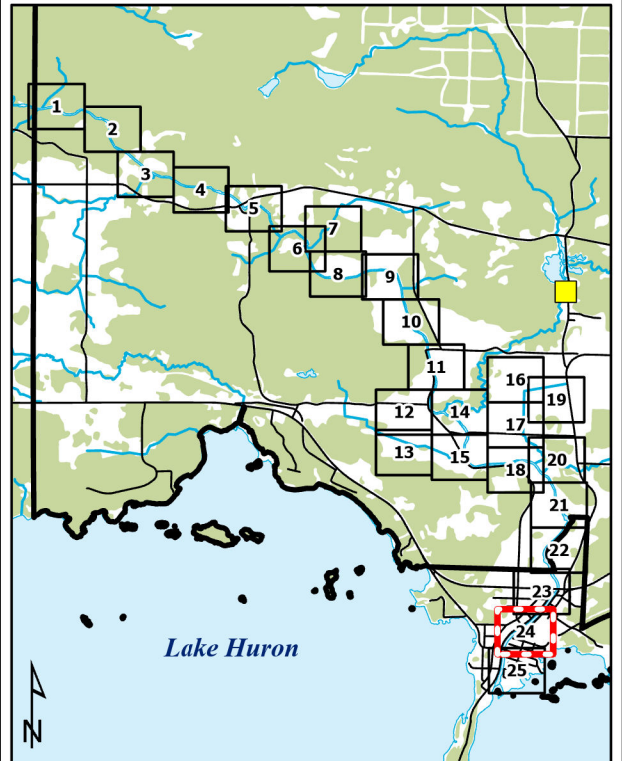
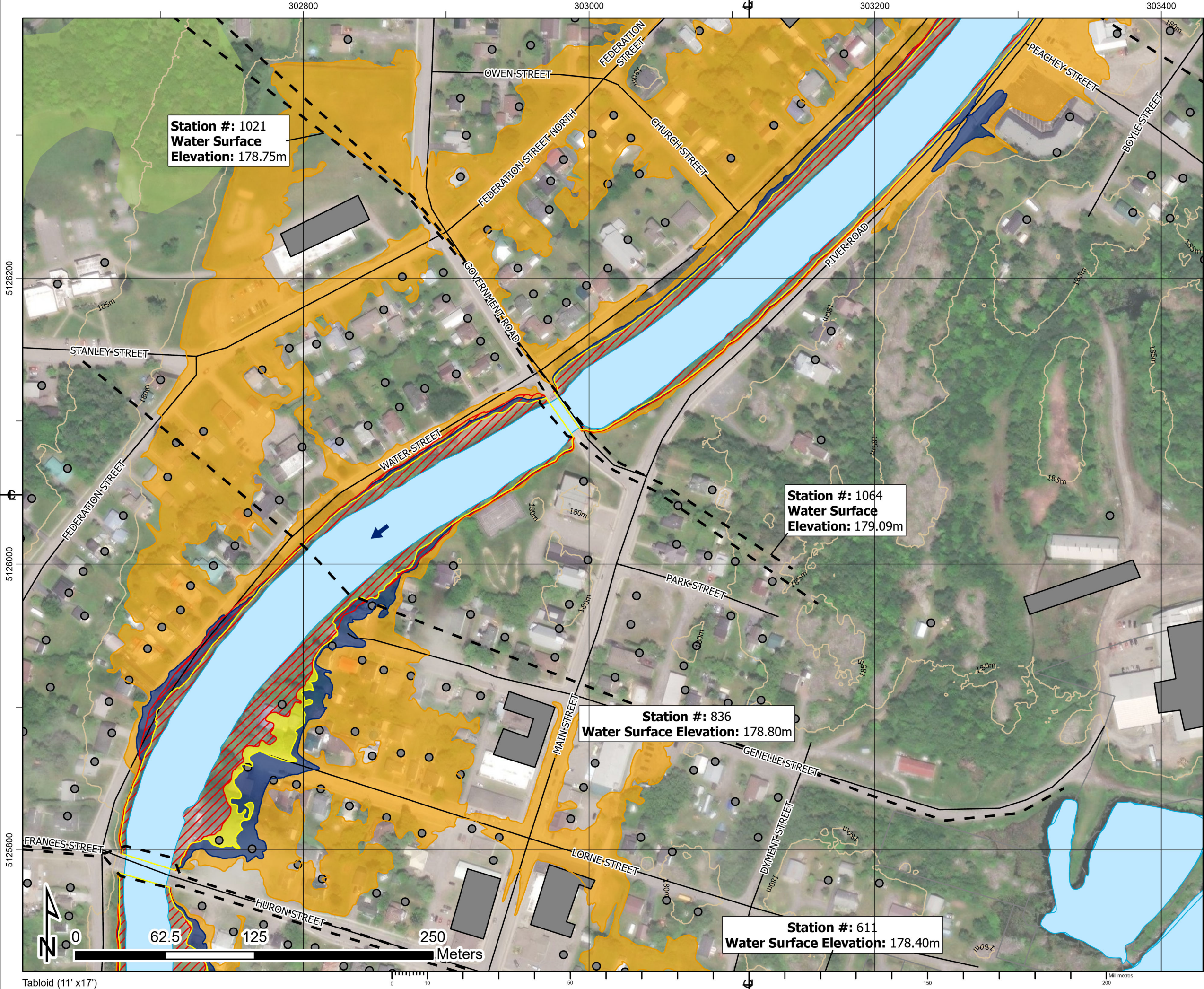
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

<b>HATCH</b>			
date - yr / month / day	projection	mapped by	checked by
2024/02/29	ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modeled by	model reviewed by
1:2,500	CGVD 2013	F. MASOOM	S. THAPA
horizontal datum	authorized by	service layer credits	
UTM NAD 1983 CSRS	S. THAPA	MAXAR	
report document no		sheet	rev
H370886-0000-2B0-230-0001		23 OF 25	0





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**LEGEND**

Railway

Road

Contour (5m)

Building (As Symbol)

Building (To Scale)

Waterbody

Wetland

Wooded Area

Flow Direction

Dam

Cross Section (Climate Change Proxy Floodline Elevation)

Climate Change Proxy Floodway

50-Year Floodline

Regulatory Floodline (100-Year Flood)

Climate Change Proxy Floodline

**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

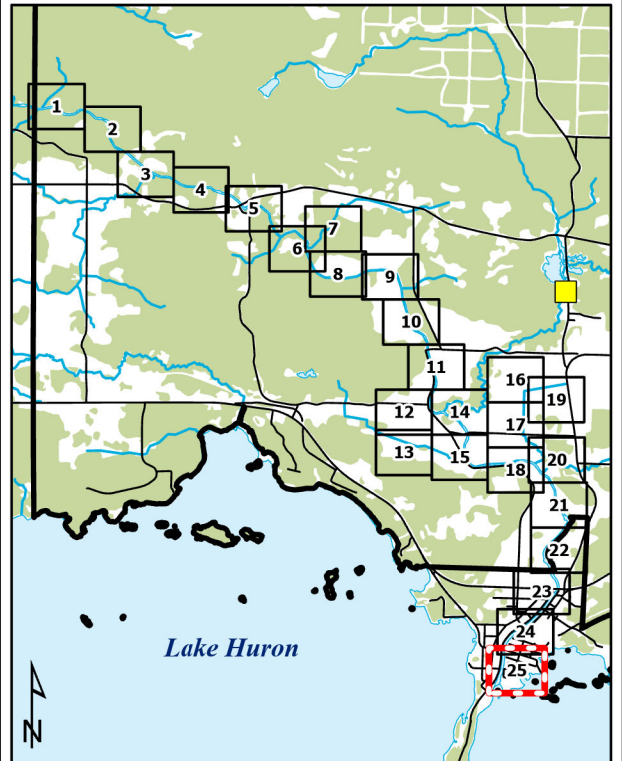
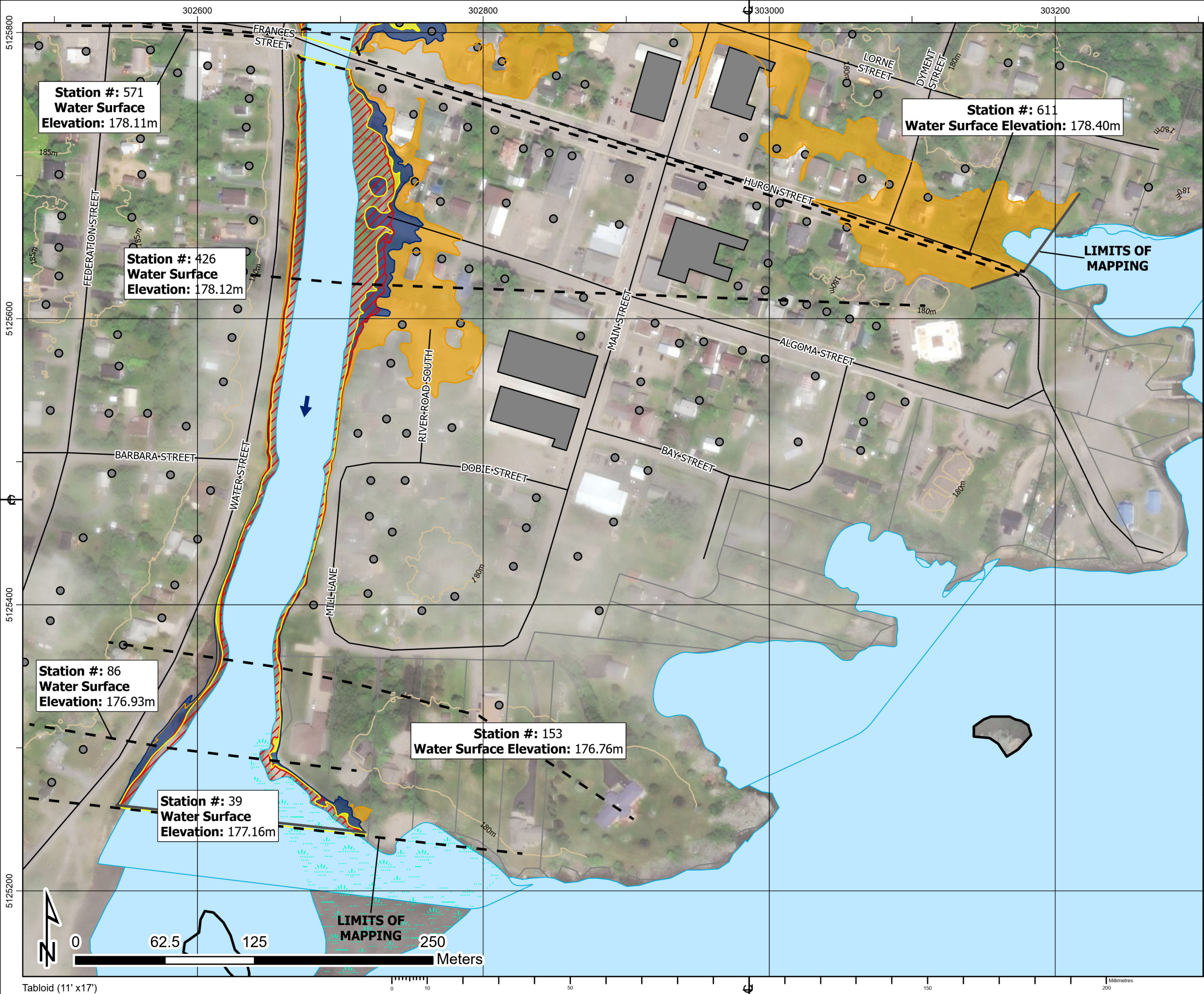
**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day	2024/02/29	projection	ZONE 17N
mapped by	J. SNELGROVE	checked by	F. MASOOM
numerical scale	1:2,500	vertical datum	CGVD 2013
horizontal datum	UTM NAD 1983 CSRS	model reviewed by	S. THAPA
report document no	H370886-0000-2B0-230-0001	authorized by	S. THAPA
		service layer credits	MAXAR
		sheet	24 OF 25
		rev	0





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**THESSALON RIVER**

District Municipality of Huron Shores - Floodplain Mapping

**Thessalon River**

**50-Year, Regulatory, and Climate Change Proxy Event**

**Flood Inundation Map**

date - yr / month / day		projection	mapped by	checked by
2024/02/29		ZONE 17N	J. SNELGROVE	F. MASOOM
numerical scale	vertical datum	modelled by	model reviewed by	
1:2,500	CGVD 2013	F. MASOOM	S. THAPA	
horizontal datum		authorized by	service layer credits	
UTM NAD 1983 CSRS		S. THAPA	MAXAR	
report document no		sheet		rev
H370886-0000-2B0-230-0001		25 OF 25		0