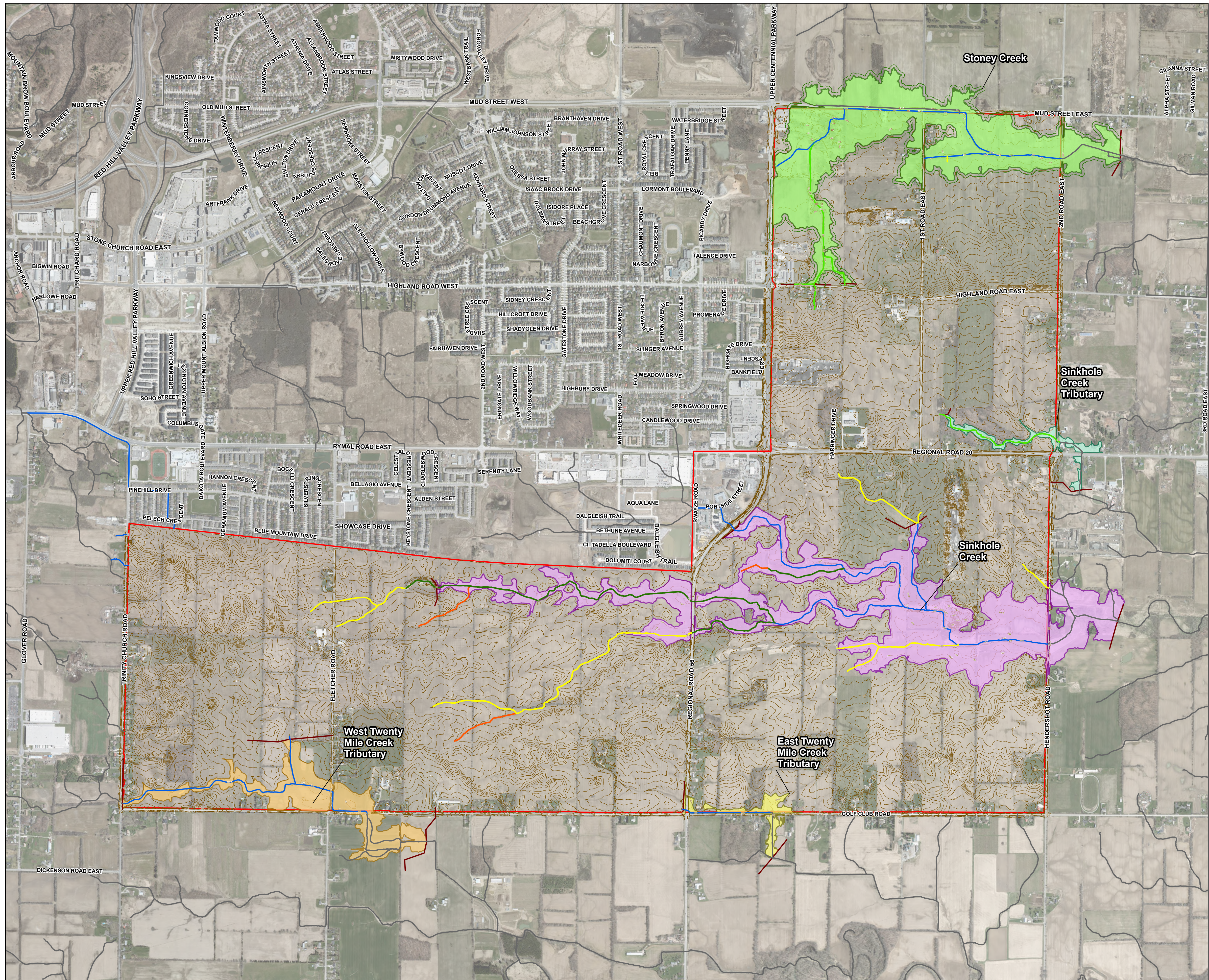


# **APPENDIX F7**

**Floodplain Mapping**



**LEGEND**

- Study Area
- Contours (.5 m)
- Study Limit
- Stoney Creek Floodline Buffer (15 m)
- Conservation
- Maintain
- Mitigation
- No Management Required
- Protection
- Watercourse/ Watercourse - Fish
- Other

**Regulatory Floodplain (Stantec)**

- East Twenty Mile Creek Tributary
- Sinkhole Creek
- Sinkhole Creek Tributary
- Stoney Creek
- West Twenty Mile Creek Tributary



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

0 250 500 750 1,000  
METRE SCALE

North American Datum 1983  
 Universal Transverse Mercator Projection Zone 17  
 CGVD28:78

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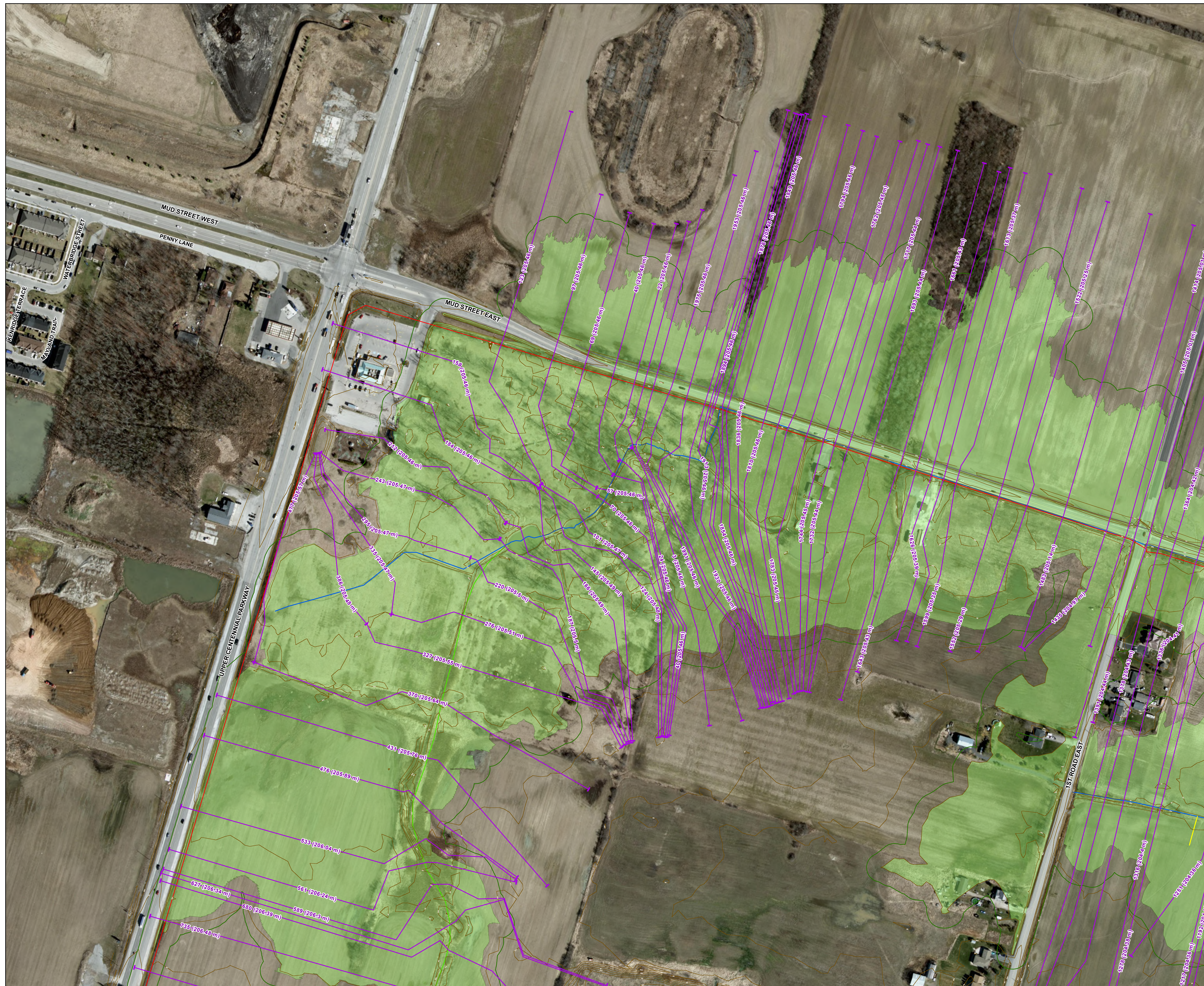
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 Date: Jan 30, 2026

Source Notes:  
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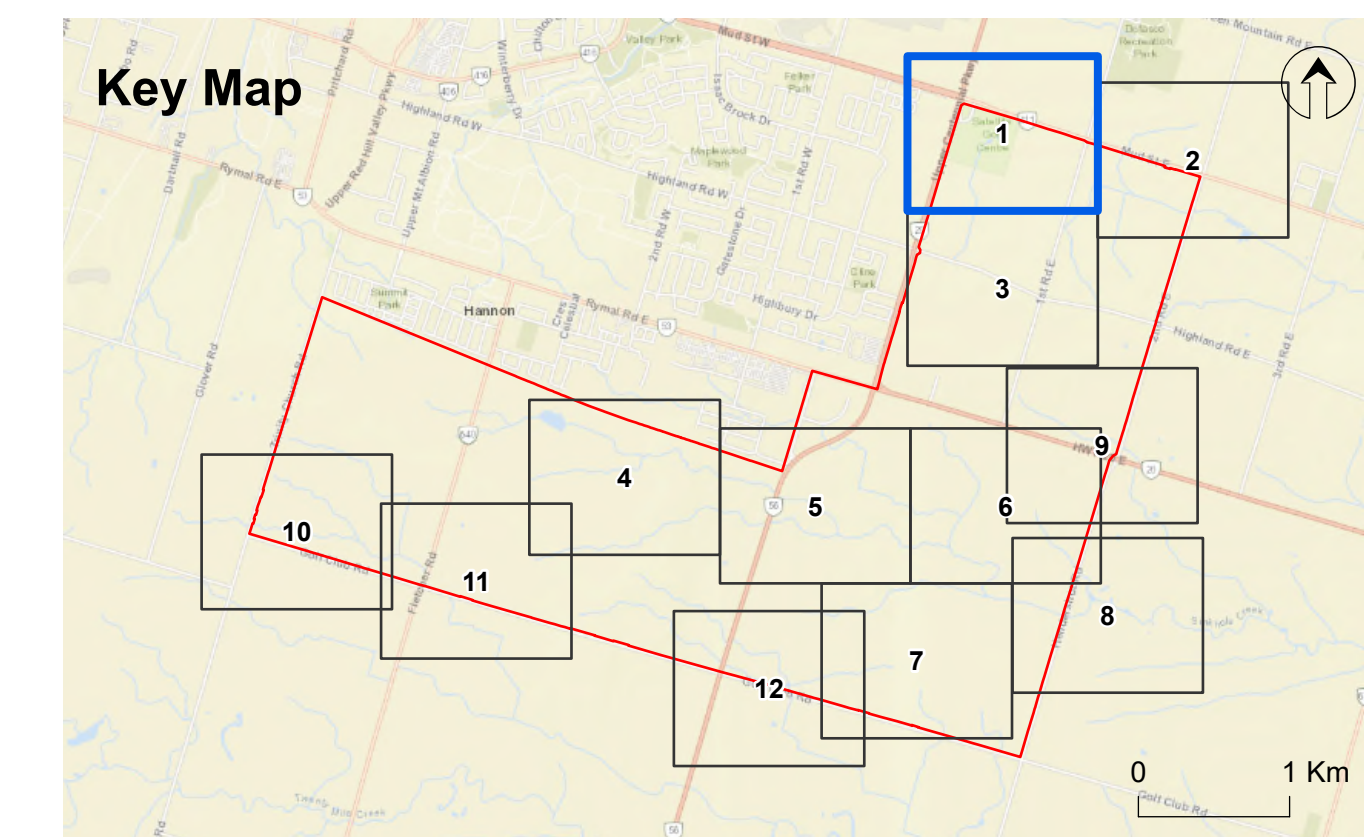
CLIENT  
 Elfrida Community Builders Group Inc.

PROJECT  
 Elfrida Subwatershed Plan

	TITLE <b>Floodplain Mapping Overview</b>
	REF. NO. 2306301-1-1
	<b>Figure 1</b>

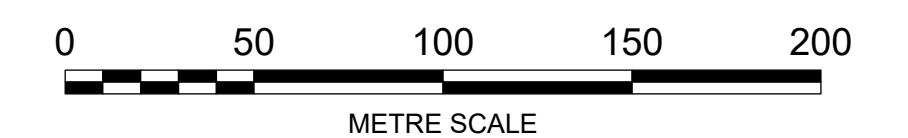


- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary
- HDF Classification**



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**



North American Datum 1983  
 Universal Transverse Mercator Projection Zone 17  
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Scale: 1:2,000  
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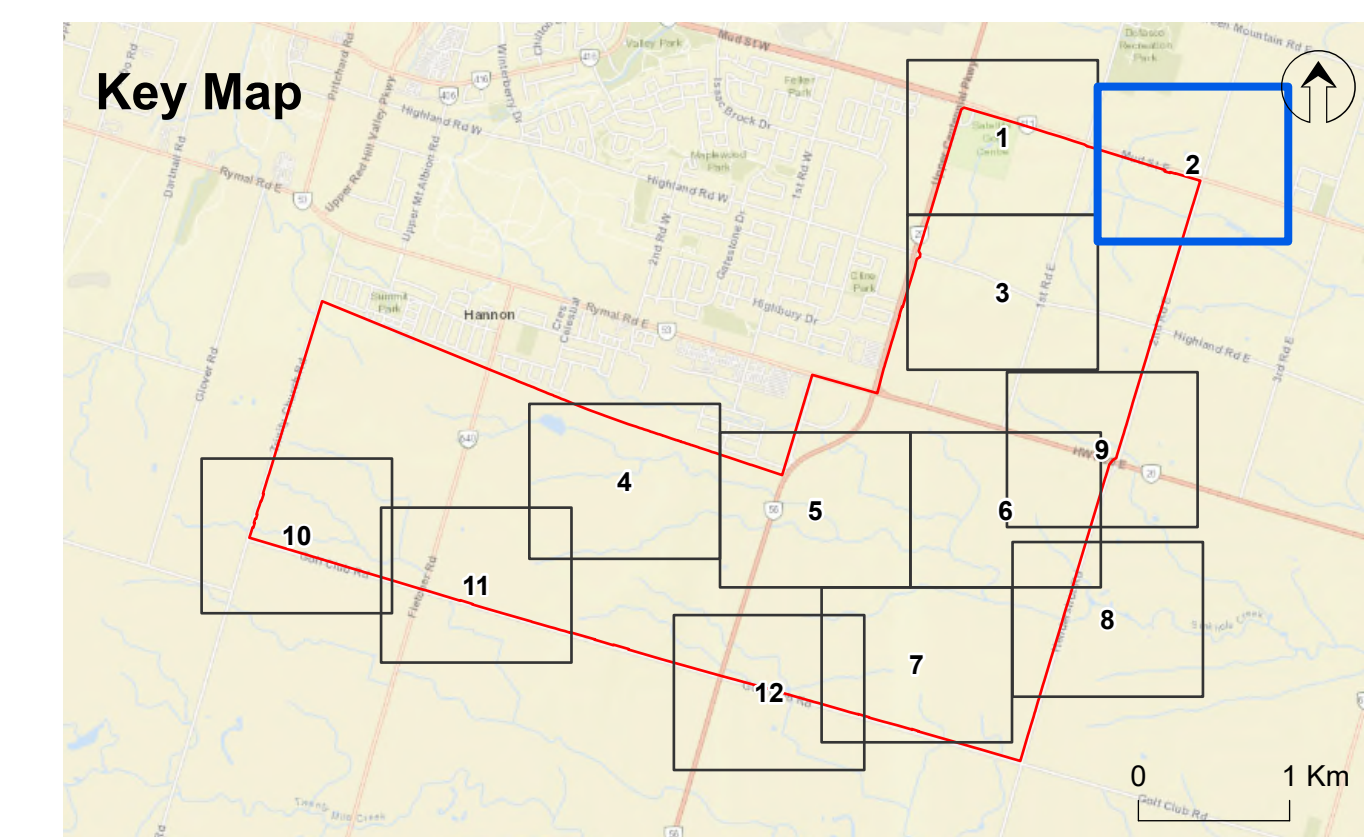
TITLE  
**Floodplain Mapping**

REF. NO.  
 2306301-1-1

Figure 1.1 (Stoney Creek)

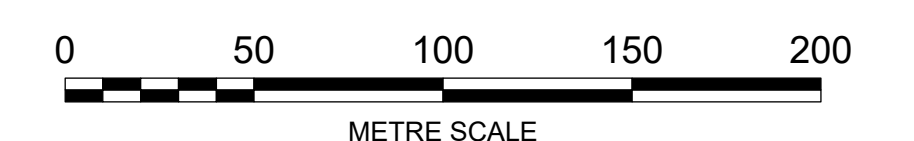


- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**



North American Datum 1983  
Universal Transverse Mercator Projection Zone 17  
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Scale: 1:2,000  
Page Size: ANSI D (22 x 34 inches)

Drawn: AW  
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TITLE  
**Floodplain Mapping**

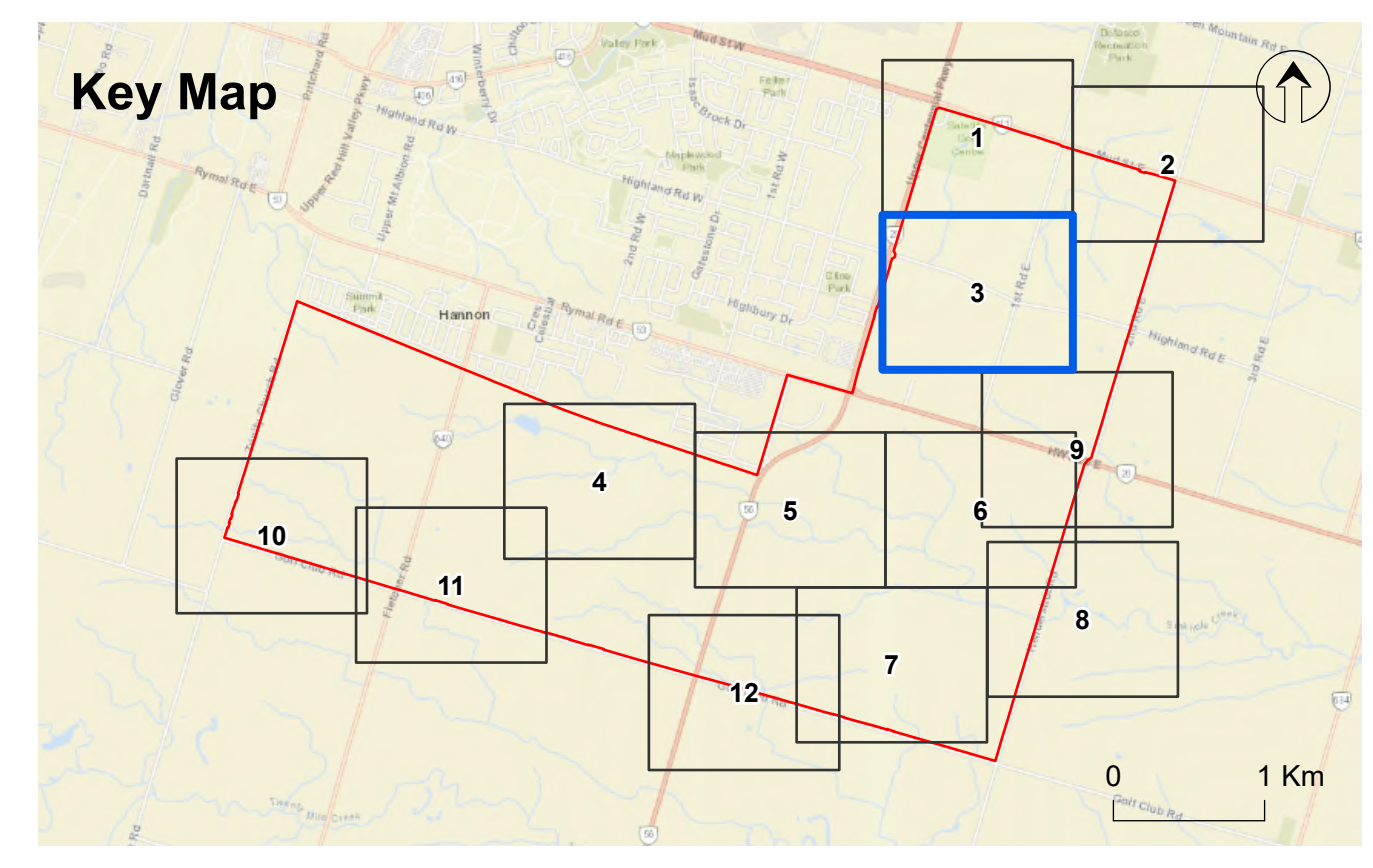
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**Figure 1.2 (Stoney Creek)**



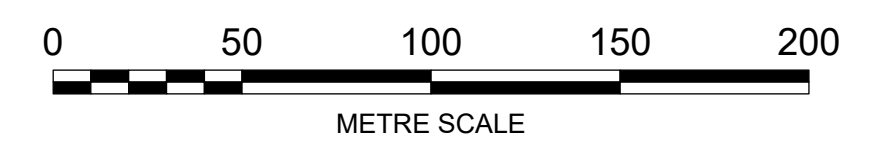
**LEGEND**

Study Area	Protection
Contours (.5 m)	Watercourse/ Watercourse - Fish
Cross Section ID (Regulatory Floodplain Elevation)	Other
Spill	<b>Regulatory Floodplain (Stantec)</b>
Study Limit	East Twenty Mile Creek Tributary
Stoney Creek Floodline Buffer (15 m)	Sinkhole Creek
<b>HDF Classification</b>	Sinkhole Creek Tributary
Conservation	Stoney Creek
Maintain	West Twenty Mile Creek Tributary
Mitigation	
No Management Required	



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

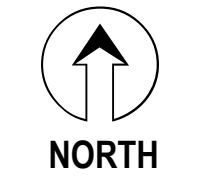


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Checked: CS  
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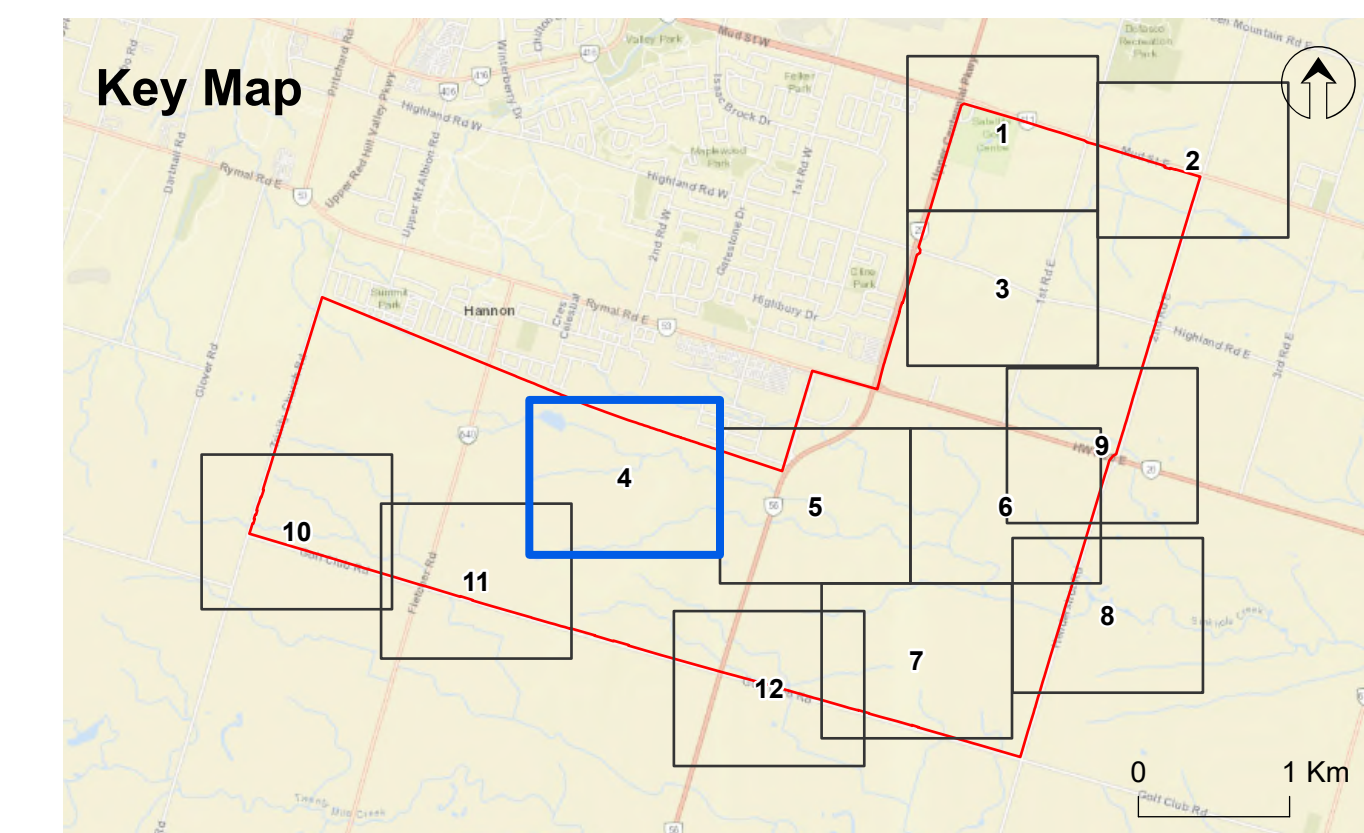
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**Floodplain Mapping**

REF. NO.  
2306301-1-1

**Figure 1.3 (Stoney Creek)**

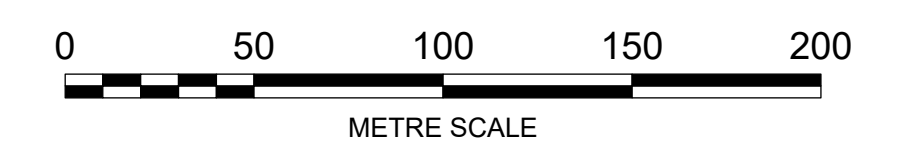


- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

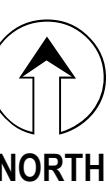


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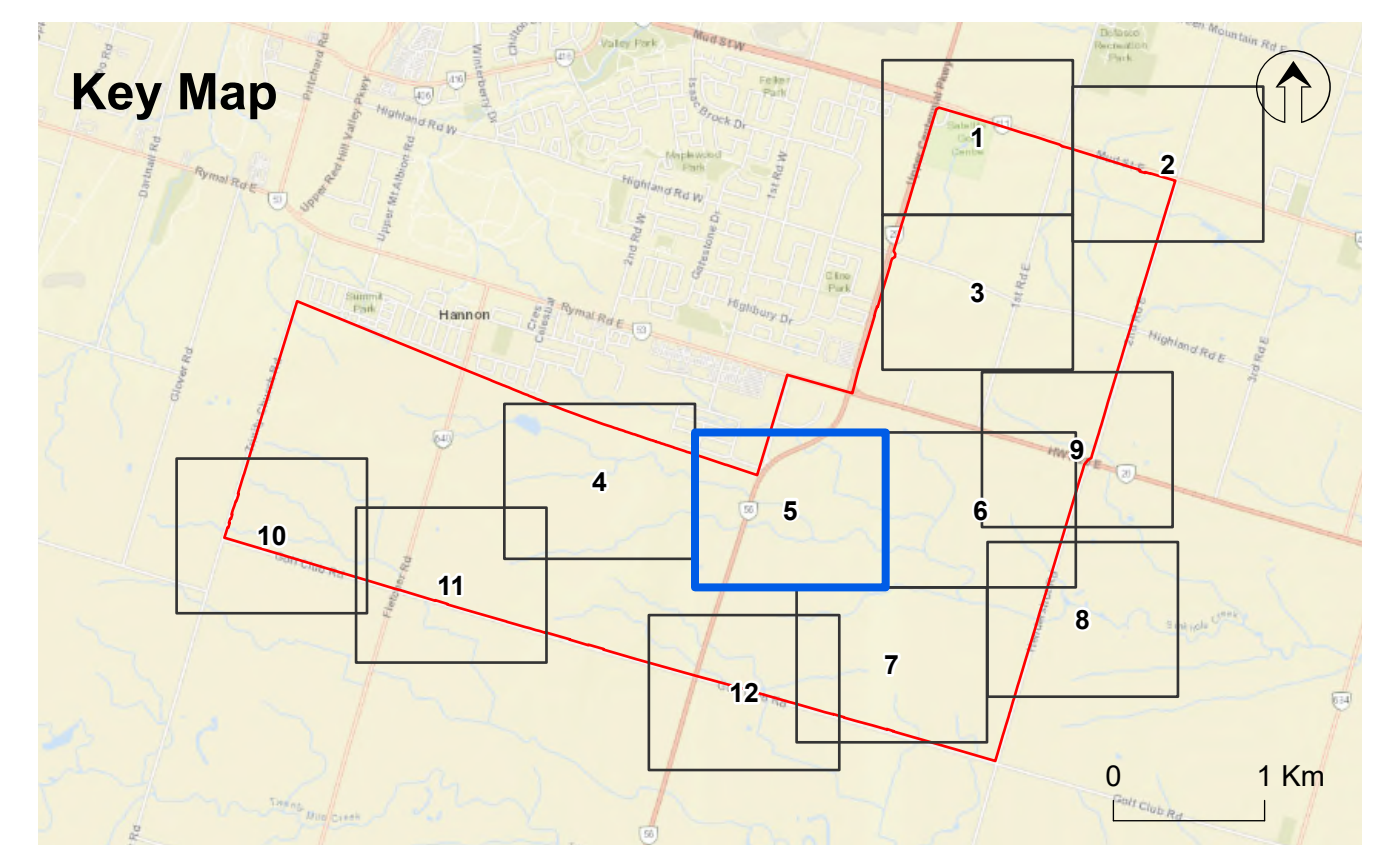
TITLE  
**Floodplain Mapping**

REF. NO.  
 2306301-1-1

Figure 1.4 (Sinkhole Creek)



- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary
- HDF Classification**



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

North American Datum 1983  
 Universal Transverse Mercator Projection Zone 17  
 CGVD28:78

Scale: 1:2,000  
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 Checked: CS  
 Date: Jan 30, 2026

NORTH

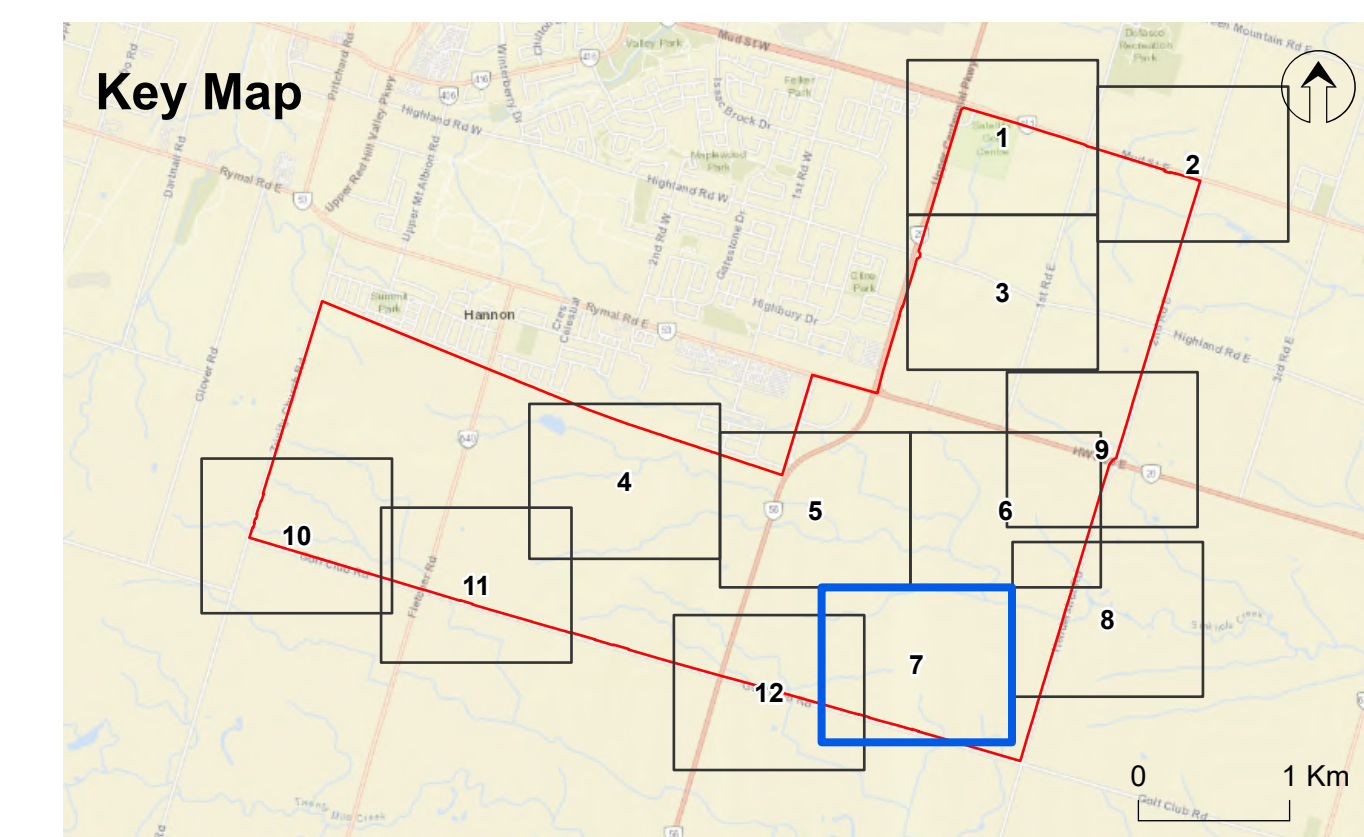
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<b>CLIENT</b>	Elfrida Community Builders Group Inc.
<b>PROJECT</b>	Elfrida Subwatershed Plan
   	<b>TITLE</b> <b>Floodplain Mapping</b>
	<b>REF. NO.</b> 2306301-1-1
	<b>Figure 1.5 (Sinkhole Creek)</b>



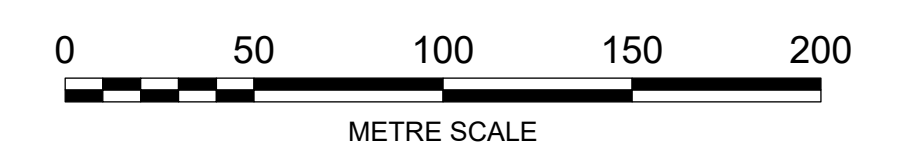


LEGEND			
	Study Area		Protection
	Contours (.5 m)		Watercourse/ Watercourse - Fish
	Cross Section ID (Regulatory Floodplain Elevation)		Other
	Spill	<b>Regulatory Floodplain (Stantec)</b>	
	Study Limit		East Twenty Mile Creek Tributary
	Stoney Creek Floodline Buffer (15 m)		Sinkhole Creek
<b>HDF Classification</b>			Sinkhole Creek Tributary
	Conservation		Stoney Creek
	Maintain		West Twenty Mile Creek Tributary
	Mitigation		
	No Management Required		



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

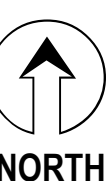


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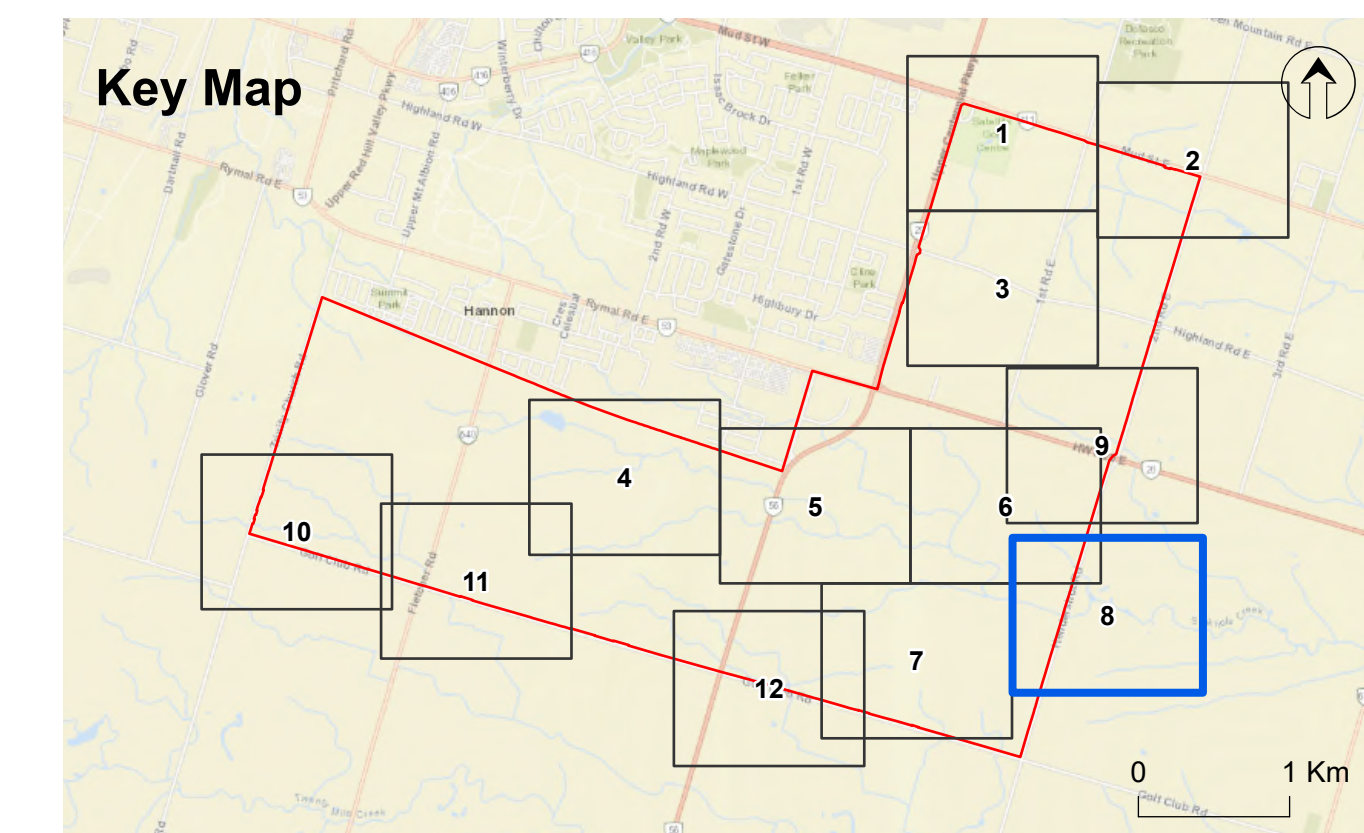
TITLE  
**Floodplain Mapping**

REF. NO.  
2306301-1-1

**Figure 1.7 (Sinkhole Creek)**

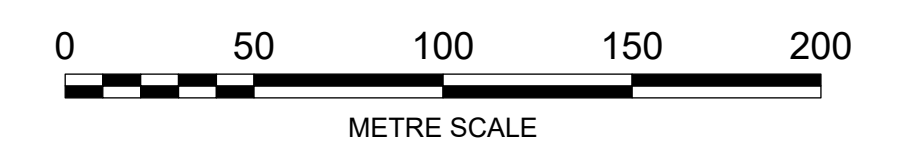


- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

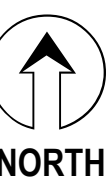


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TITLE  
**Floodplain Mapping**

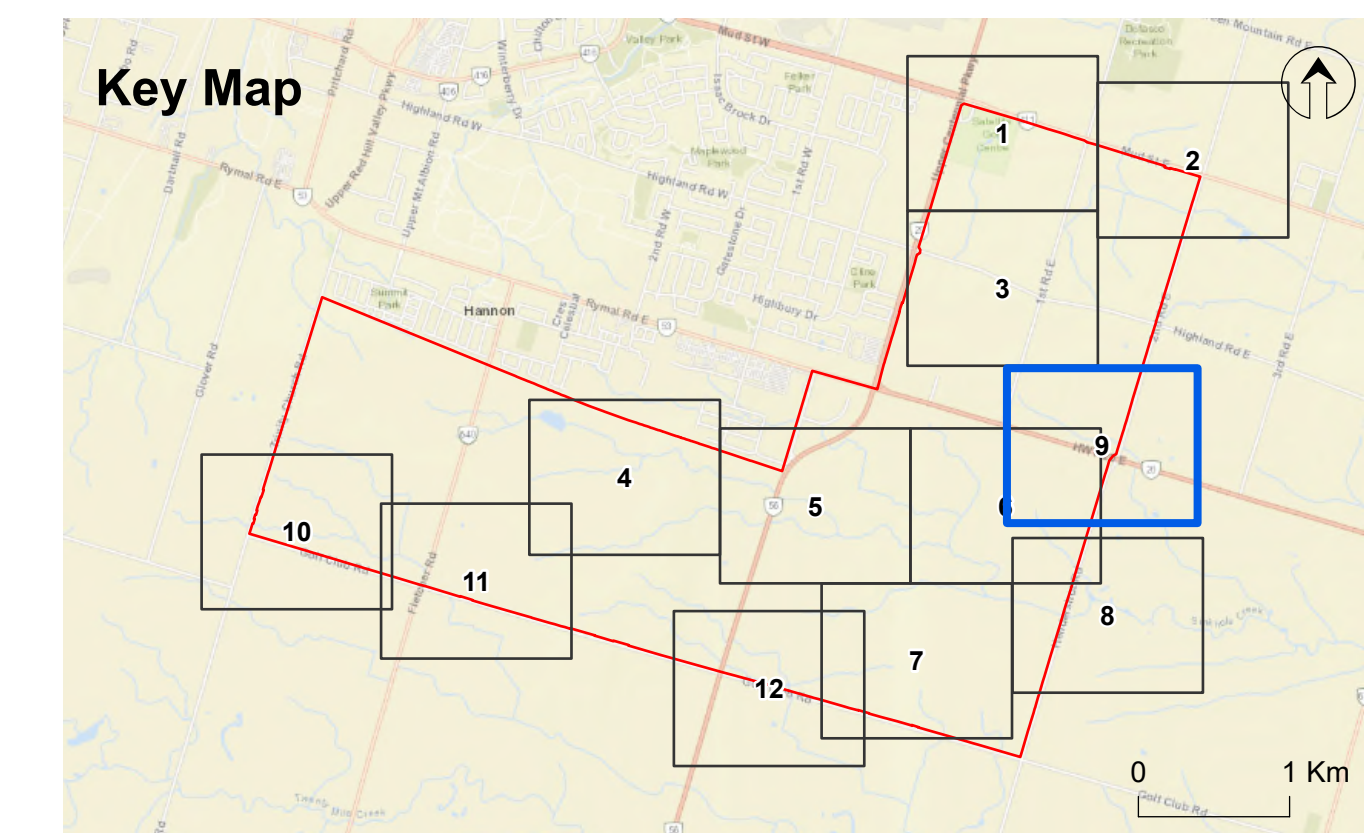
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2306301-1-1

**Figure 1.8 (Sinkhole Creek)**



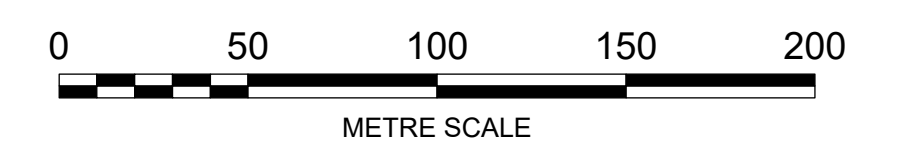
**LEGEND**

Study Area	Protection
Contours (.5 m)	Watercourse/ Watercourse - Fish
Cross Section ID (Regulatory Floplain Elevation)	Other
Spill	<b>Regulatory Floodplain (Stantec)</b>
Study Limit	East Twenty Mile Creek Tributary
Stoney Creek Floodline Buffer (15 m)	Sinkhole Creek
<b>HDF Classification</b>	Sinkhole Creek Tributary
Conservation	Stoney Creek
Maintain	West Twenty Mile Creek Tributary
Mitigation	
No Management Required	



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**



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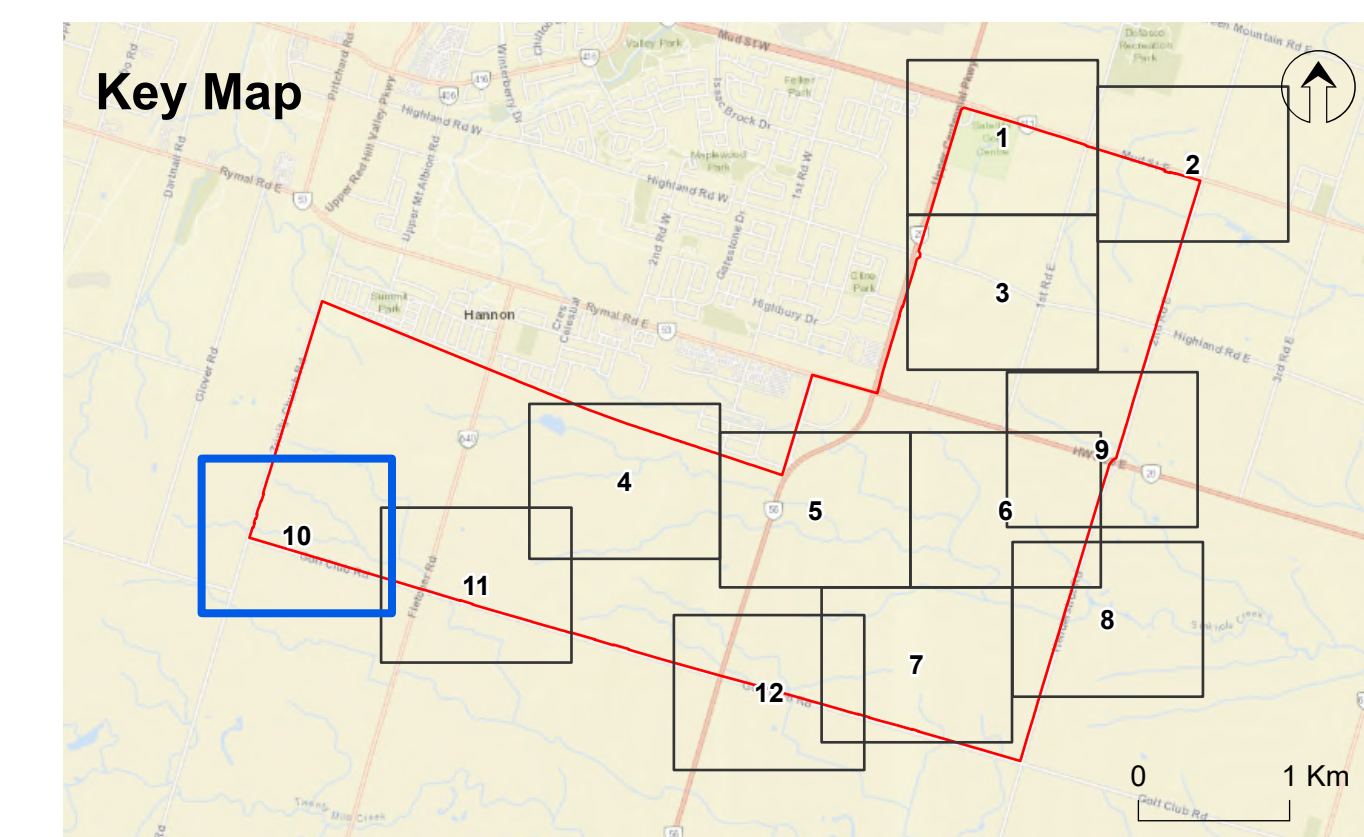
TITLE  
**Floodplain Mapping**

REF. NO.  
2306301-1-1

Figure 1.9 (Sinkhole Creek Tributary)

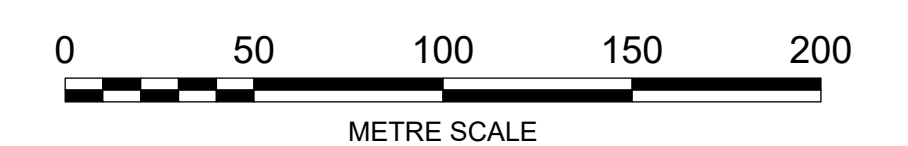


- LEGEND**
- Study Area
  - Contours (.5 m)
  - Cross Section ID (Regulatory Floodplain Elevation)
  - Spill
  - Study Limit
  - Stoney Creek Floodline Buffer (15 m)
  - Conservation
  - Maintain
  - Mitigation
  - No Management Required
  - Protection
  - Watercourse/ Watercourse - Fish
  - Other
- Regulatory Floodplain (Stantec)**
- East Twenty Mile Creek Tributary
  - Sinkhole Creek
  - Sinkhole Creek Tributary
  - Stoney Creek
  - West Twenty Mile Creek Tributary



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**



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**Floodplain Mapping**

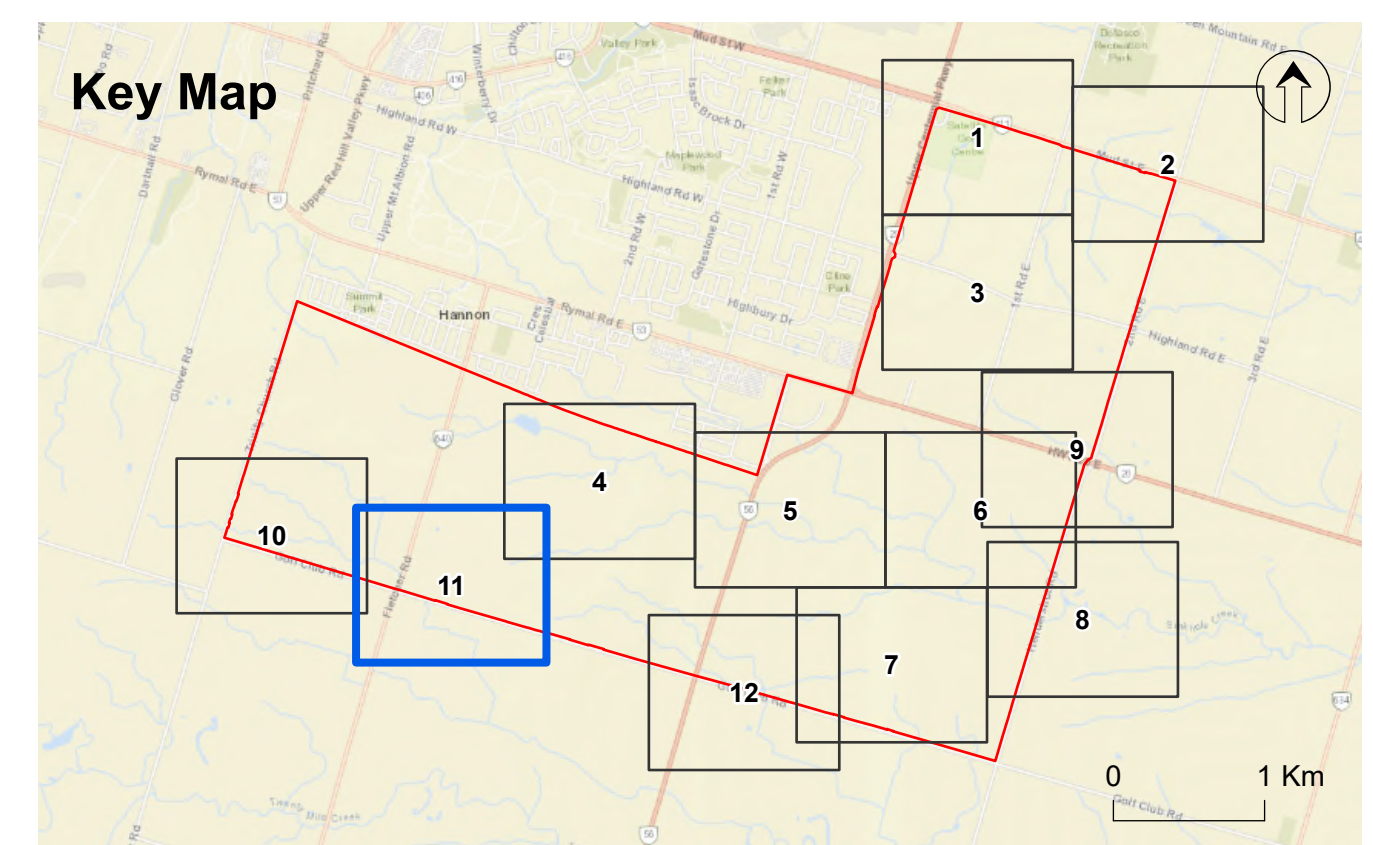
REF. NO.  
 2306301-1-1

Figure 1.10 (West Twenty Mile Creek Tributary)



**LEGEND**

Study Area	Protection
Contours (.5 m)	Watercourse/ Watercourse - Fish
Cross Section ID (Regulatory Floplain Elevation)	Other
Spill	<b>Regulatory Floodplain (Stantec)</b>
Study Limit	East Twenty Mile Creek Tributary
Stoney Creek Floodline Buffer (15 m)	Sinkhole Creek
<b>HDF Classification</b>	Sinkhole Creek Tributary
Conservation	Stoney Creek
Maintain	West Twenty Mile Creek Tributary
Mitigation	
No Management Required	



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**

METRE SCALE

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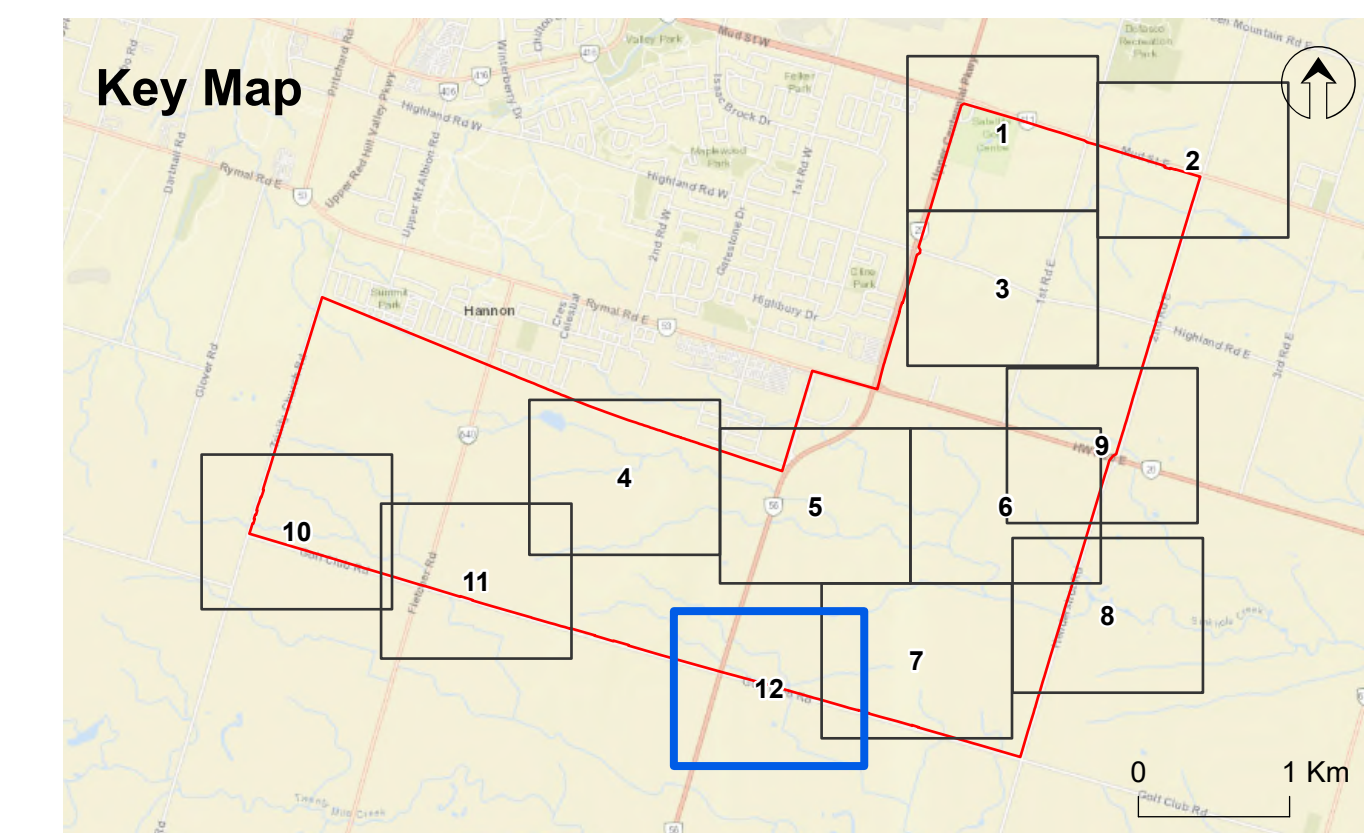
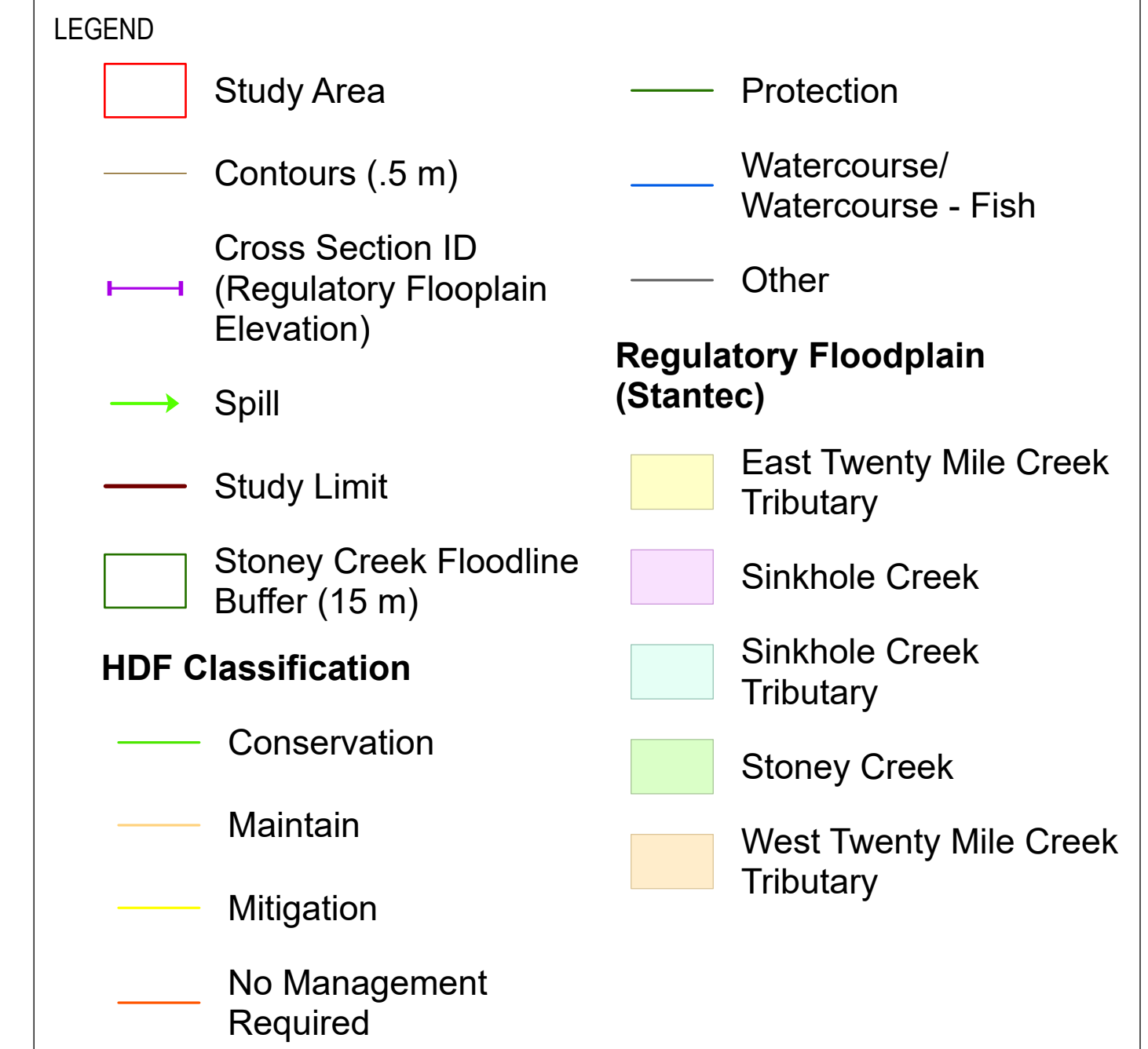
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**NORTH**

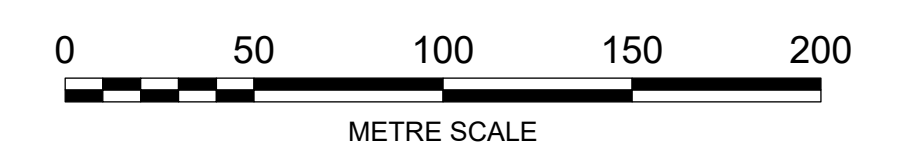
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PROJECT	Elfrida Subwatershed Plan
	TITLE <b>Floodplain Mapping</b>
	REF. NO. 2306301-1-1
	Figure 1.11 (West Twenty Mile Creek Tributary)



1 - Geospatial Ontario (GEO)

**NOTE: The information contained within this figure is preliminary and will be refined during further study.**



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	TITLE <b>Floodplain Mapping</b>
	REF. NO. 2306301-1-1
	Figure 1.12 (East Twenty Mile Creek Tributary)