



# Syilx Okanagan Flood and Debris Flow Risk Assessment Map Book

## Map Series 3 of 7: Culture Indicator



*31 December 2019*



**PALMER**  
ENVIRONMENTAL  
CONSULTING  
GROUP INC.



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## Acknowledgement

The *Syilx* Okanagan Flood and Debris Flow Risk Assessment is made possible by the many *Syilx* Okanagan Nation members from across the territory who generously contributed their input, knowledge, and lived experience – all of which form the foundations of this Assessment. Special recognition is given to the *Syilx* Okanagan traditional knowledge keepers and Elders who led the watershed tours and were a guiding force in rooting the assessment in traditional *Syilx* Okanagan perspectives.

This Assessment is a testament to the power of collaboration and partnership between *Syilx* and non-*Syilx* organizations, including the project team at Ebbwater Consulting Inc. (Ebbwater), and exhibits a shared concern for how water is managed and recognized in the territory.

Support for this project came from Emergency Management British Columbia (EMBC) and Public Safety Canada (PSC) as part of the National Disaster Mitigation Program (NDMP), First Nation Adapt Program and the Real Estate Foundation of B.C. through successful applications submitted by the Okanagan Nation Alliance (ONA).

Okanagan Nation Alliance would like to acknowledge Ebbwater for the production of this Map Book, which was completed by Dickon Wells, M. Eng, with support from Silja Hund, Ph.D., Nikoletta Stamatatou, M.Sc., and Robert Larson, M.Sc. Qualitative input for the Map Book is owed to project participants, as well as Erica Crawford (SHIFT Collaborative) and Kelly Terbasket (indigenEYEZ) for leading the workshops. Cory McGregor, GIT and Derek Cronmiller, P.Geo (both of Palmer Environmental Consulting Group Ltd.) provided the information to quantitatively map debris flow hazard. The Map Book contains significant input from ONA team members Tessa Terbasket, Kathy Holland, and Skyeler Folks. The Map Book was reviewed by Tamsin Lyle, P.Eng of Ebbwater.

The team is grateful to *Syilx* Okanagan community staff who contributed to and supported the process; Colleen Marchand (OKIB), Brody Armstrong (PIB), Stephanie Paul (WFN), Jonathan Ford (WFN), Wendy Hawkes (LSIB), Trudy Peterson (LSIB), Mike Allison (USIB) and Robin Irwin (USIB). Finally, the team would like to thank the *Syilx* Okanagan Flood Adaptation Initiative Steering Committee members who will continue to work together and provide direction to co-build flood resilience in the region.

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## Introduction

The ONA was a successful Stream 1 applicant to the National Disaster Mitigation Program (NDMP) to study flood and debris flow hazard risk in the Okanagan-Similkameen region. This project is the initial phase of a multi-year flood and debris flow adaptation initiative. This project's goal is to **understand the risk due to flood and debris flows within the project area, to support priority-setting of future work.**

This Map Book is one of four outputs that form the risk assessment component of this project (Figure 1). The Map Book may also be used as the main visual reference to the Synthesis and Recommendations report, for readers to obtain a summary understanding of the project. The Qualitative, Quantitative, and Basis of, studies contain more detailed information. The Map Book summarizes the spatial results following the methods described in the Qualitative and Quantitative studies.

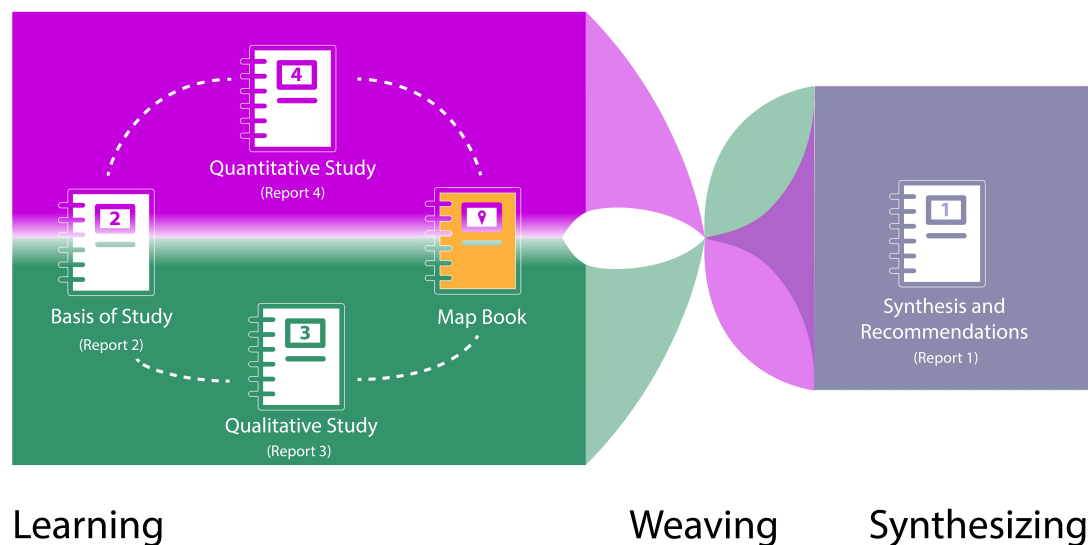


Figure 1. Project reporting diagram, with the risk assessment's four distinct outputs (i.e., map book, basis of study, and the complementary Qualitative and Quantitative studies).

## Overview of Maps

Ebbwater assessed the impacts from both flood and debris flow in the Okanagan-Similkameen watersheds. This assessment was done quantitatively and qualitatively. This map series is one out of a series of 7 that together form the Map Book. In aggregate, the 7 series cover the 2 hazards assessed and 6 exposure indicators. The table below lists the 7 series, and highlights the series contained herein. The qualitative maps combine impacts from both flood and debris flow hazards. The quantitative maps show consequences from flood and debris flow hazards separately. In the quantitative maps, the consequences for flood hazard are shown for the moderate magnitude scenario only.

Series	Map Book Title	Information Shown
Series 1	Flood and Debris Flow Hazard	<ul style="list-style-type: none"><li>• Debris Flow</li><li>• Low, Moderate, and High Magnitude Flood</li></ul>
Series 2	Environment Indicator	<ul style="list-style-type: none"><li>• Qualitative (Impacts)</li><li>• Quantitative (Consequences)</li></ul>
<b>Series 3</b>	<b>Culture Indicator</b>	<ul style="list-style-type: none"><li>• Qualitative (Impacts)</li><li>• Quantitative (Consequences)</li></ul>
Series 4	Mortality Indicator	<ul style="list-style-type: none"><li>• Quantitative (Consequences)</li></ul>
Series 5	Affected People Indicator	<ul style="list-style-type: none"><li>• Qualitative (Impacts)</li><li>• Quantitative (Consequences)</li></ul>
Series 6	Economy Indicator	<ul style="list-style-type: none"><li>• Qualitative (Impacts)</li><li>• Quantitative (Consequences)</li></ul>
Series 7	Disruption Indicator	<ul style="list-style-type: none"><li>• Qualitative (Impacts)</li><li>• Quantitative (Consequences)</li></ul>

## Printing and Document Navigation

All maps are designed and scaled to be printed in 'ANSI D' format. Maps are linked and can be navigated through by clicking within the following:

- Index line items on page 3.
- Blue tiles, watersheds or text, located in the top right-hand corner of the maps, where present.
- Sub-watershed index maps on pages 12 and 37.
- Hyperlinked Map index on page 7.

## Notes to User

### Qualitative

1. Impacts were recorded primarily in Workshop 1 in West Kelowna on 13 February 2019 and Workshop 2 on 25 April 2019. Impacts were also recorded based on input obtained from learning sessions, watershed tours, personal communications and electronic feedback.
2. Methodologies and impacts are discussed further in the Qualitative Study which accompanies this Map Book.

#### Data Sources

1. Lakes, Watercourses, Roads, and Trails: BC Data Catalogue.
2. *Sylix* Place Names: Okanagan Nation Alliance.
3. Base Layer: OpenStreetMap data – [openstreetmap.org](http://openstreetmap.org) (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



### Quantitative

1. Cultural amenities have been identified based on the primary land use description. Properties have been selected which are likely to have a significant social or cultural value and includes parks as well as education, social care, and leisure facilities. While this provides an indication of cultural locations the list is not comprehensive.
2. Indigenous sites have been generalized using available archaeology data. These data are known to be incomplete, outdated, and inaccurate. The data are a limited representation of valued cultural sites; many other sites of cultural importance to Indigenous people are not shown on this map.
3. Cultural (exposure) layers were clipped to the moderate flood or debris flow hazard area. The hazard layer is shown in the hazard maps, and was produced by Palmer Environmental Consulting Group Inc. The method used to produce the hazard layer is described in the Quantitative Study.



#### Data Sources

1. Lakes, Watercourses, Roads, and Trails: BC Data Catalogue.
2. Cultural Buildings: BC Assessment and Westbank First Nation.
3. *Sylix* Place Names: Okanagan Nation Alliance.
4. Icons: The Noun Project
5. Base Layer: OpenStreetMap data – [openstreetmap.org](http://openstreetmap.org) (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.







## Icons

Information Type	
	Qualitative
	Quantitative

Hazard	
	Flood
	Debris Flow

Exposure Indicator	
	Environment
	Culture
	Mortality
	Affected People
	Economy
	Disruption

## Map Index

### Qualitative Maps

- C-Q-001-001 Qualitative Impacts - Culture - Project Area Map
- C-Q-001-002 Qualitative Impacts - Culture - Okanagan Map
- C-Q-001-003 Qualitative Impacts - Culture - Similkameen Map

### Quantitative Maps

- |             |  |             |  |
|-------------|--|-------------|--|
| C-F-001-001 | Flood - Culture - Sub-watershed Index            | C-D-001-001 | Debris Flow - Culture - Sub-watershed Index            |
| C-F-002-001 | Flood - Culture - Quantitative Project Area Map  | C-D-002-001 | Debris Flow - Culture - Quantitative Project Area Map  |
| C-F-002-002 | Flood - Culture - Quantitative Okanagan Map      | C-D-002-002 | Debris Flow - Culture - Quantitative Okanagan Map      |
| C-F-002-003 | Flood - Culture - Quantitative Similkameen Map   | C-D-002-003 | Debris Flow - Culture - Quantitative Similkameen Map   |
| C-F-003-001 | Flood - Culture - Quantitative Map Tile 1 of 20  | C-D-003-001 | Debris Flow - Culture - Quantitative Map Tile 1 of 20  |
| C-F-003-002 | Flood - Culture - Quantitative Map Tile 2 of 20  | C-D-003-002 | Debris Flow - Culture - Quantitative Map Tile 2 of 20  |
| C-F-003-003 | Flood - Culture - Quantitative Map Tile 3 of 20  | C-D-003-003 | Debris Flow - Culture - Quantitative Map Tile 3 of 20  |
| C-F-003-004 | Flood - Culture - Quantitative Map Tile 4 of 20  | C-D-003-004 | Debris Flow - Culture - Quantitative Map Tile 4 of 20  |
| C-F-003-005 | Flood - Culture - Quantitative Map Tile 5 of 20  | C-D-003-005 | Debris Flow - Culture - Quantitative Map Tile 5 of 20  |
| C-F-003-006 | Flood - Culture - Quantitative Map Tile 6 of 20  | C-D-003-006 | Debris Flow - Culture - Quantitative Map Tile 6 of 20  |
| C-F-003-007 | Flood - Culture - Quantitative Map Tile 7 of 20  | C-D-003-007 | Debris Flow - Culture - Quantitative Map Tile 7 of 20  |
| C-F-003-008 | Flood - Culture - Quantitative Map Tile 8 of 20  | C-D-003-008 | Debris Flow - Culture - Quantitative Map Tile 8 of 20  |
| C-F-003-009 | Flood - Culture - Quantitative Map Tile 9 of 20  | C-D-003-009 | Debris Flow - Culture - Quantitative Map Tile 9 of 20  |
| C-F-003-010 | Flood - Culture - Quantitative Map Tile 10 of 20 | C-D-003-010 | Debris Flow - Culture - Quantitative Map Tile 10 of 20 |
| C-F-003-011 | Flood - Culture - Quantitative Map Tile 11 of 20 | C-D-003-011 | Debris Flow - Culture - Quantitative Map Tile 11 of 20 |
| C-F-003-012 | Flood - Culture - Quantitative Map Tile 12 of 20 | C-D-003-012 | Debris Flow - Culture - Quantitative Map Tile 12 of 20 |
| C-F-003-013 | Flood - Culture - Quantitative Map Tile 13 of 20 | C-D-003-013 | Debris Flow - Culture - Quantitative Map Tile 13 of 20 |
| C-F-003-014 | Flood - Culture - Quantitative Map Tile 14 of 20 | C-D-003-014 | Debris Flow - Culture - Quantitative Map Tile 14 of 20 |
| C-F-003-015 | Flood - Culture - Quantitative Map Tile 15 of 20 | C-D-003-015 | Debris Flow - Culture - Quantitative Map Tile 15 of 20 |
| C-F-003-016 | Flood - Culture - Quantitative Map Tile 16 of 20 | C-D-003-016 | Debris Flow - Culture - Quantitative Map Tile 16 of 20 |
| C-F-003-017 | Flood - Culture - Quantitative Map Tile 17 of 20 | C-D-003-017 | Debris Flow - Culture - Quantitative Map Tile 17 of 20 |
| C-F-003-018 | Flood - Culture - Quantitative Map Tile 18 of 20 | C-D-003-018 | Debris Flow - Culture - Quantitative Map Tile 18 of 20 |
| C-F-003-019 | Flood - Culture - Quantitative Map Tile 19 of 20 | C-D-003-019 | Debris Flow - Culture - Quantitative Map Tile 19 of 20 |
| C-F-003-020 | Flood - Culture - Quantitative Map Tile 20 of 20 | C-D-003-020 | Debris Flow - Culture - Quantitative Map Tile 20 of 20 |

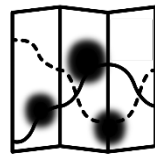
# Syilx Okanagan Flood and Debris Flow Risk Assessment

## Map Book

### Map Series 3 of 7: Culture Indicator

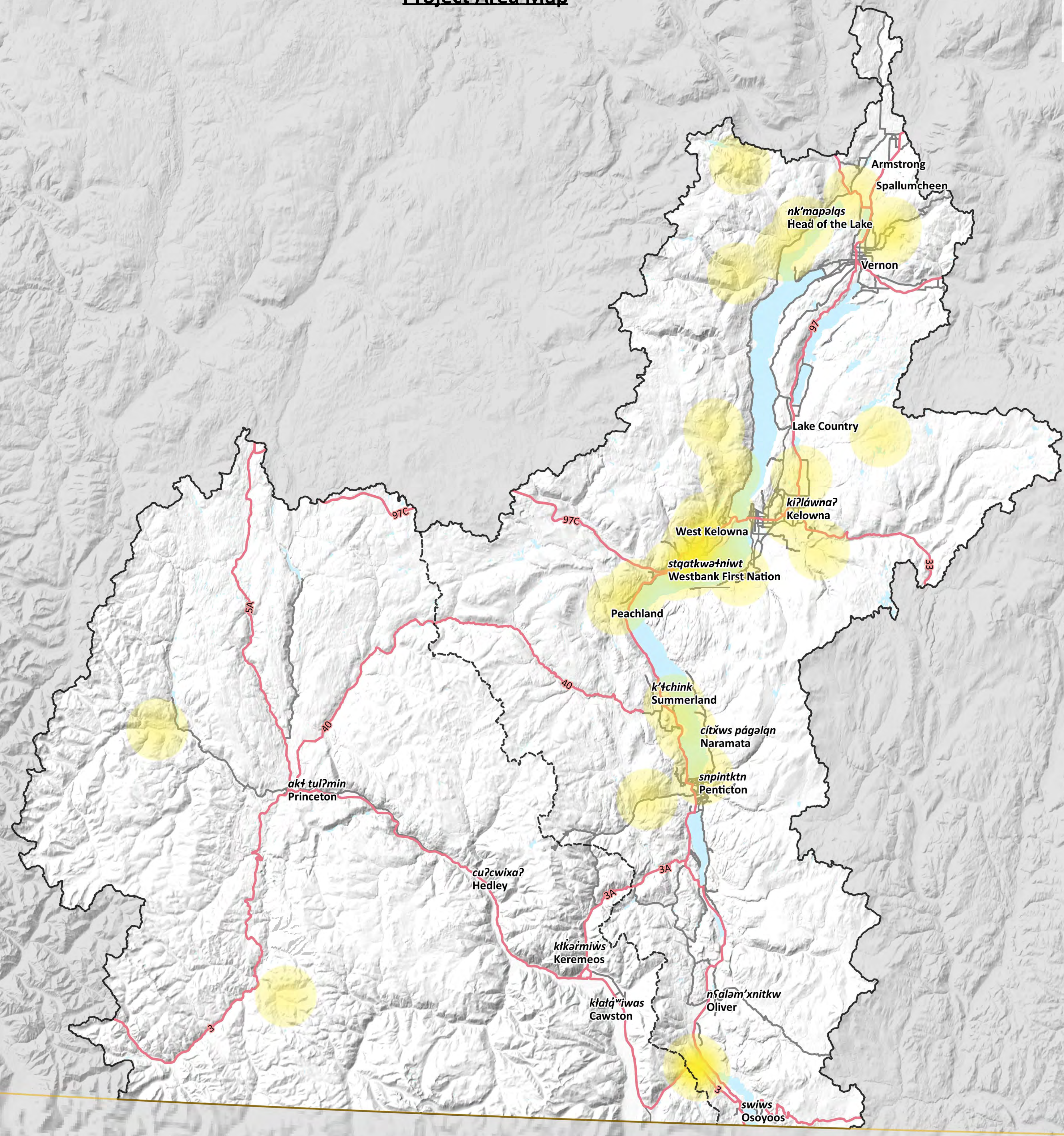
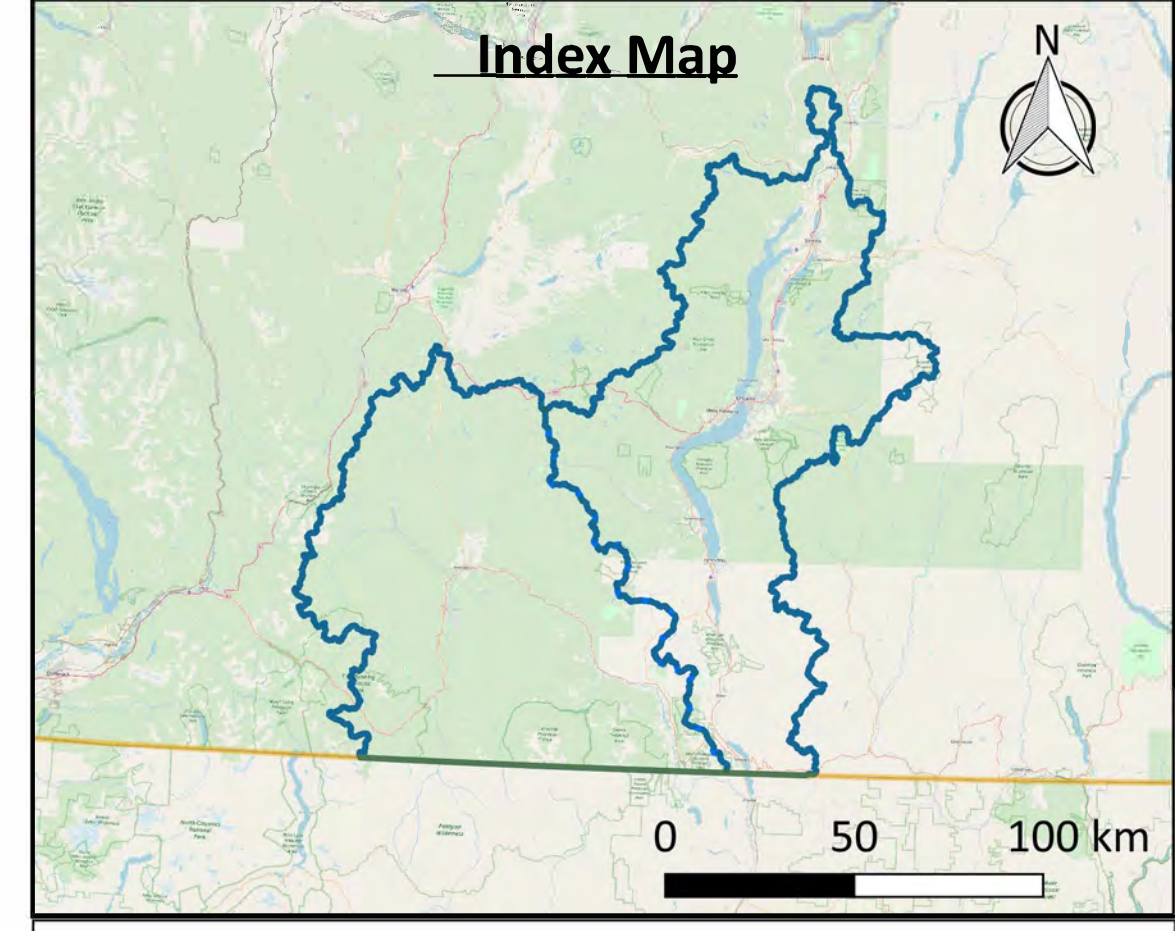
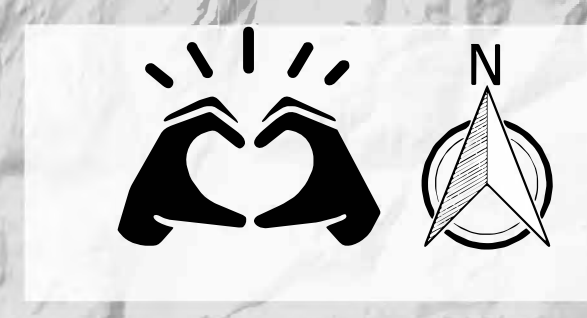


## Qualitative Flood and Debris Flow Impact Maps





# Project Area Map



[Click here to go to Okanagan Map](#)  
[Click here to go to Similkameen Map](#)

**Map Notes**  
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**Scale 1:350,000**  
 0 10 20 30 km

**Legend**

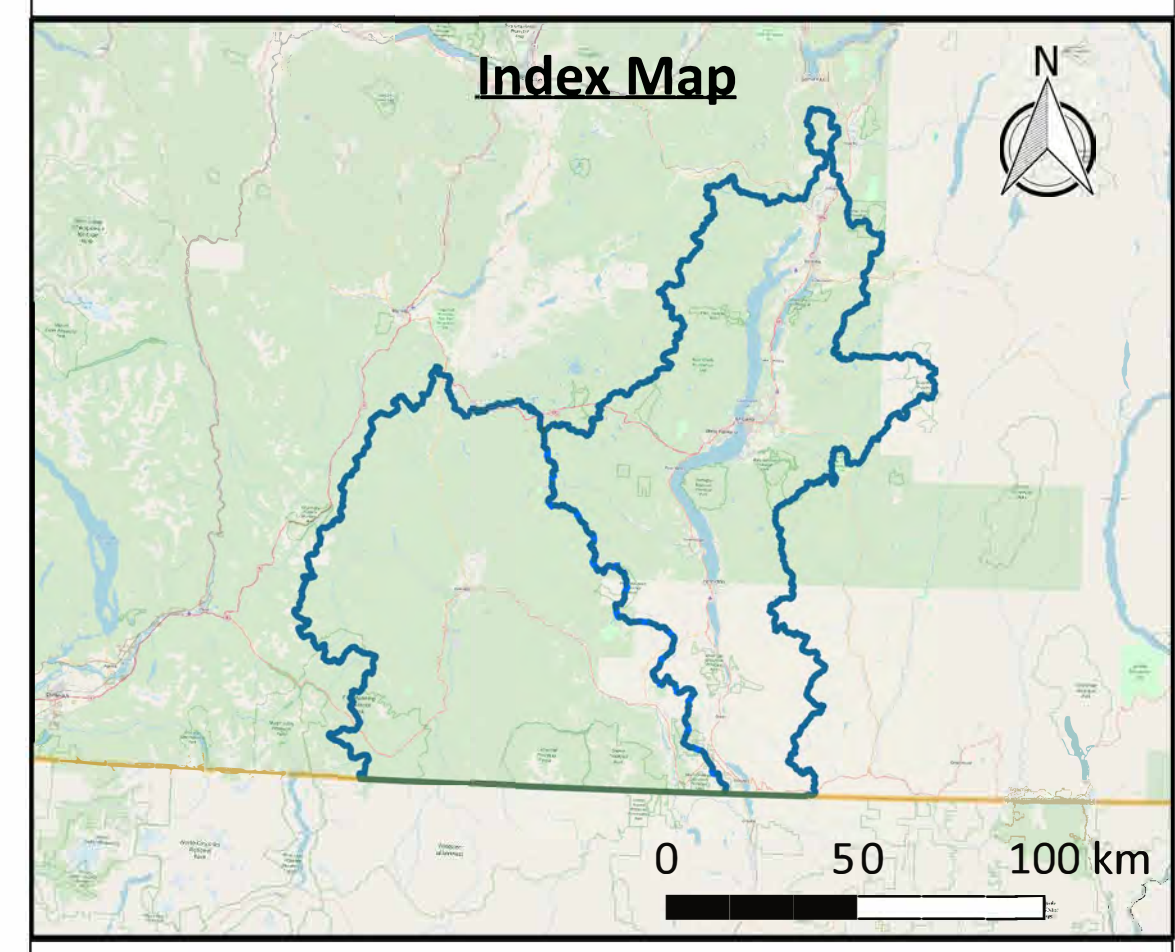
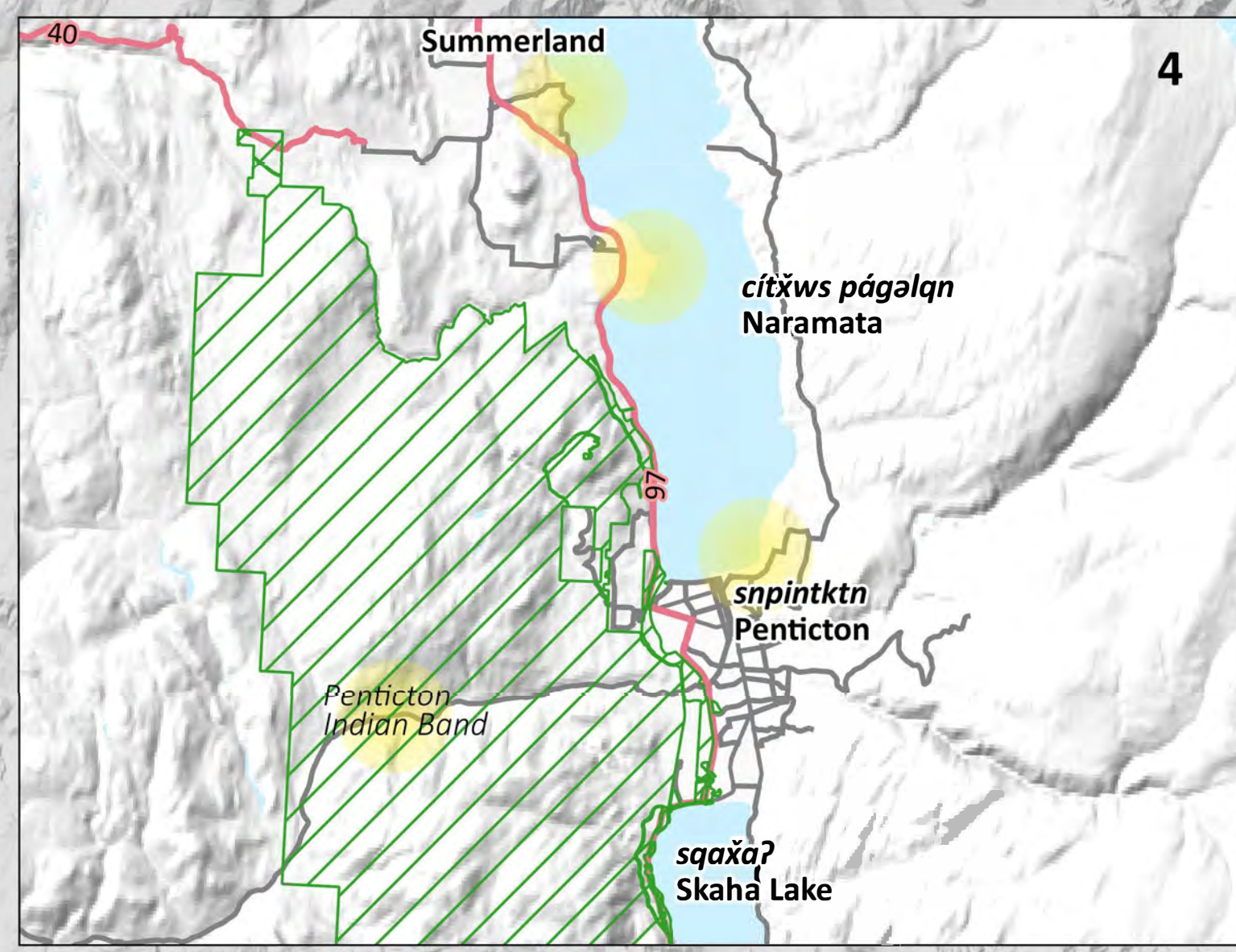
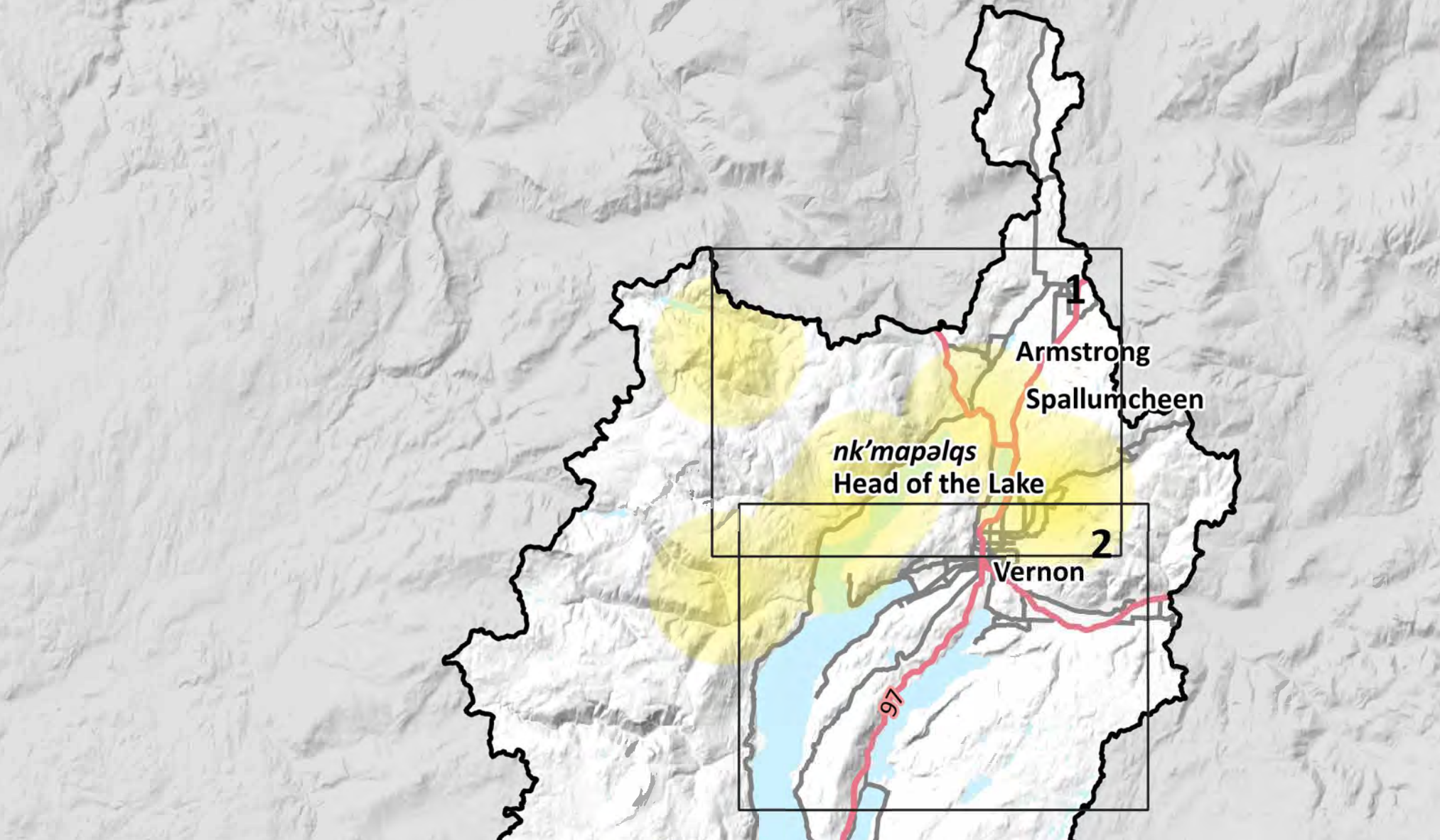
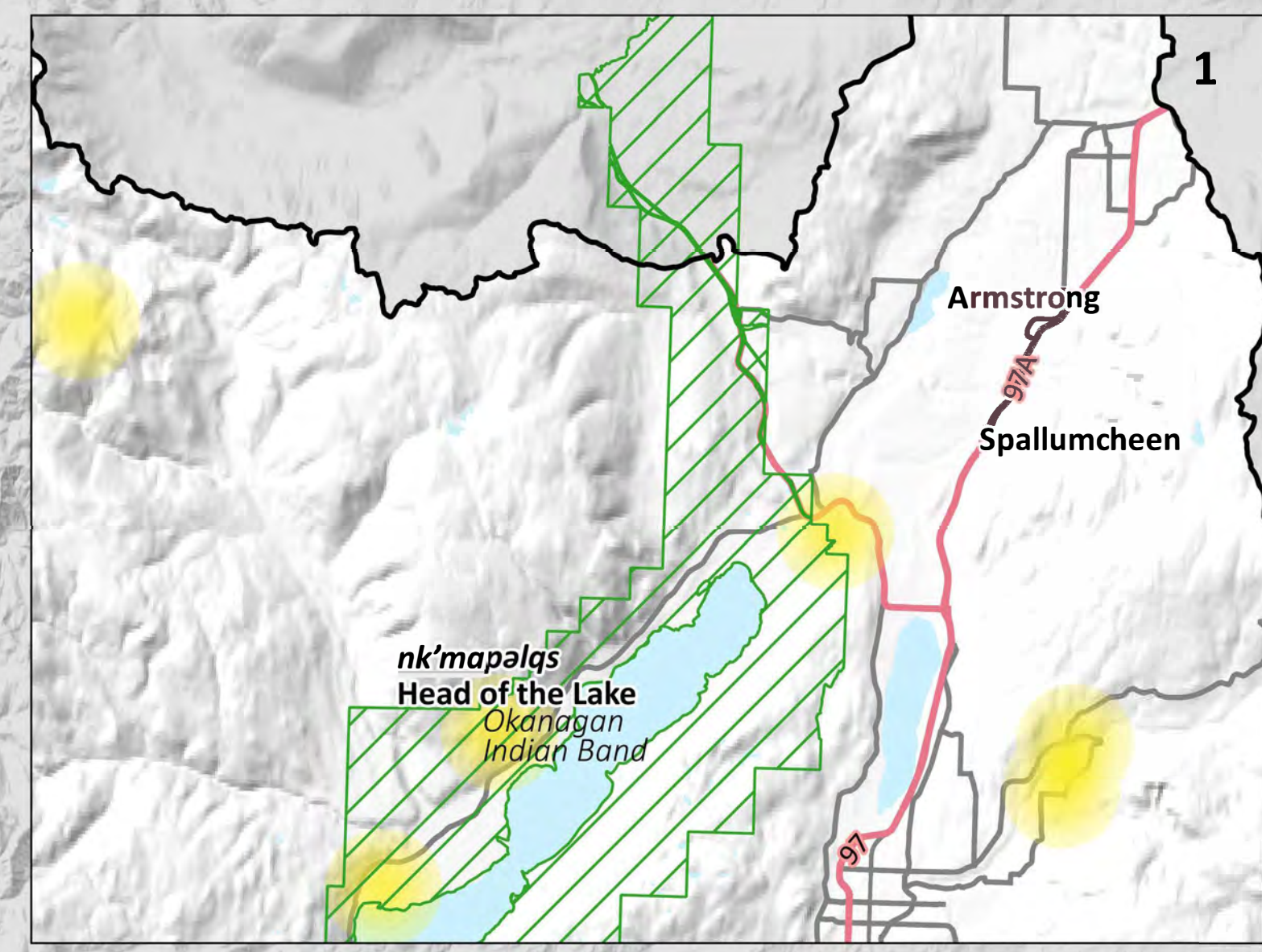
Watershed Boundary	Cultural Impacts
Canada - US Border	
Lakes	
Watercourses	
Highway	
Major Road	
Okanagan-Similkameen Boundary	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

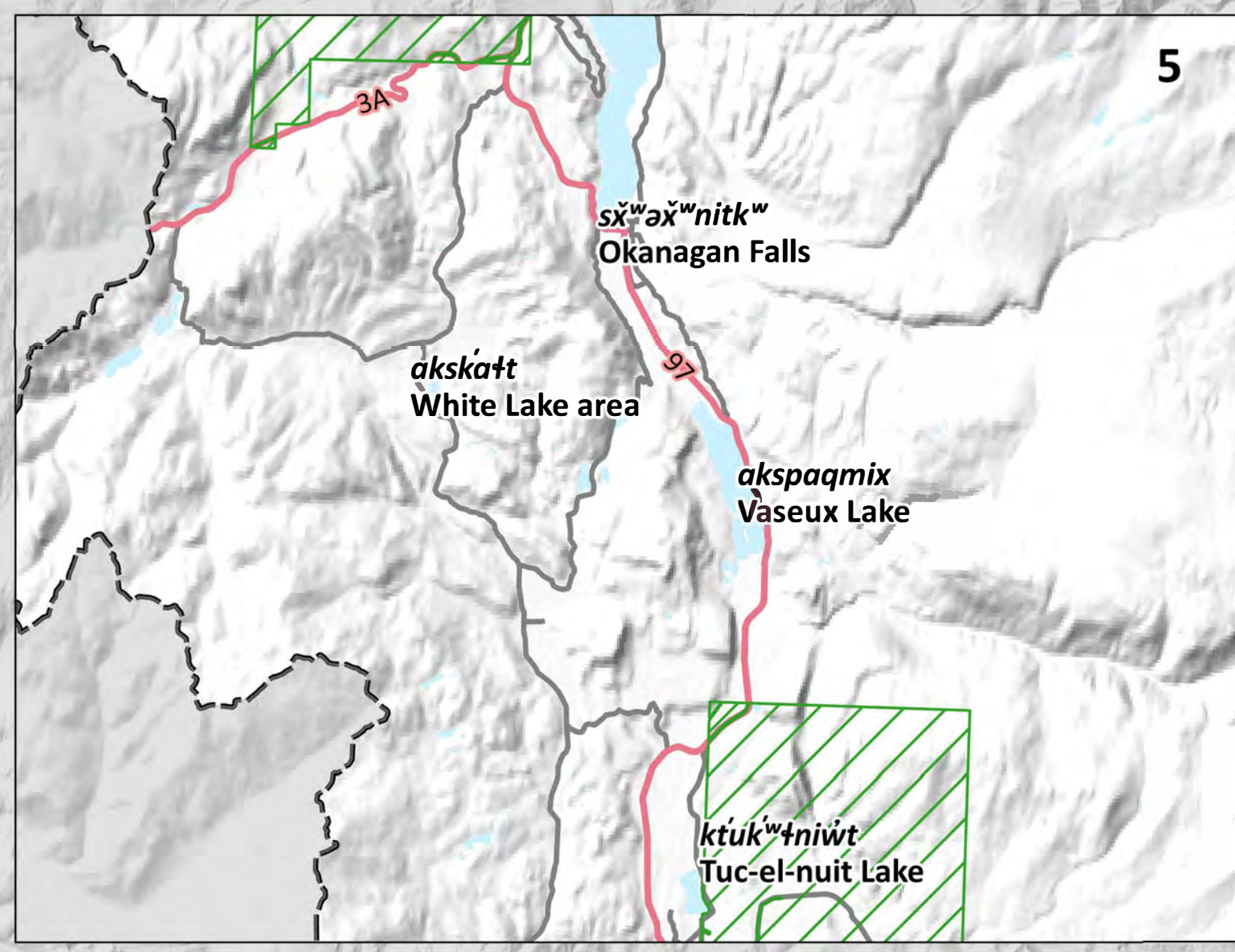
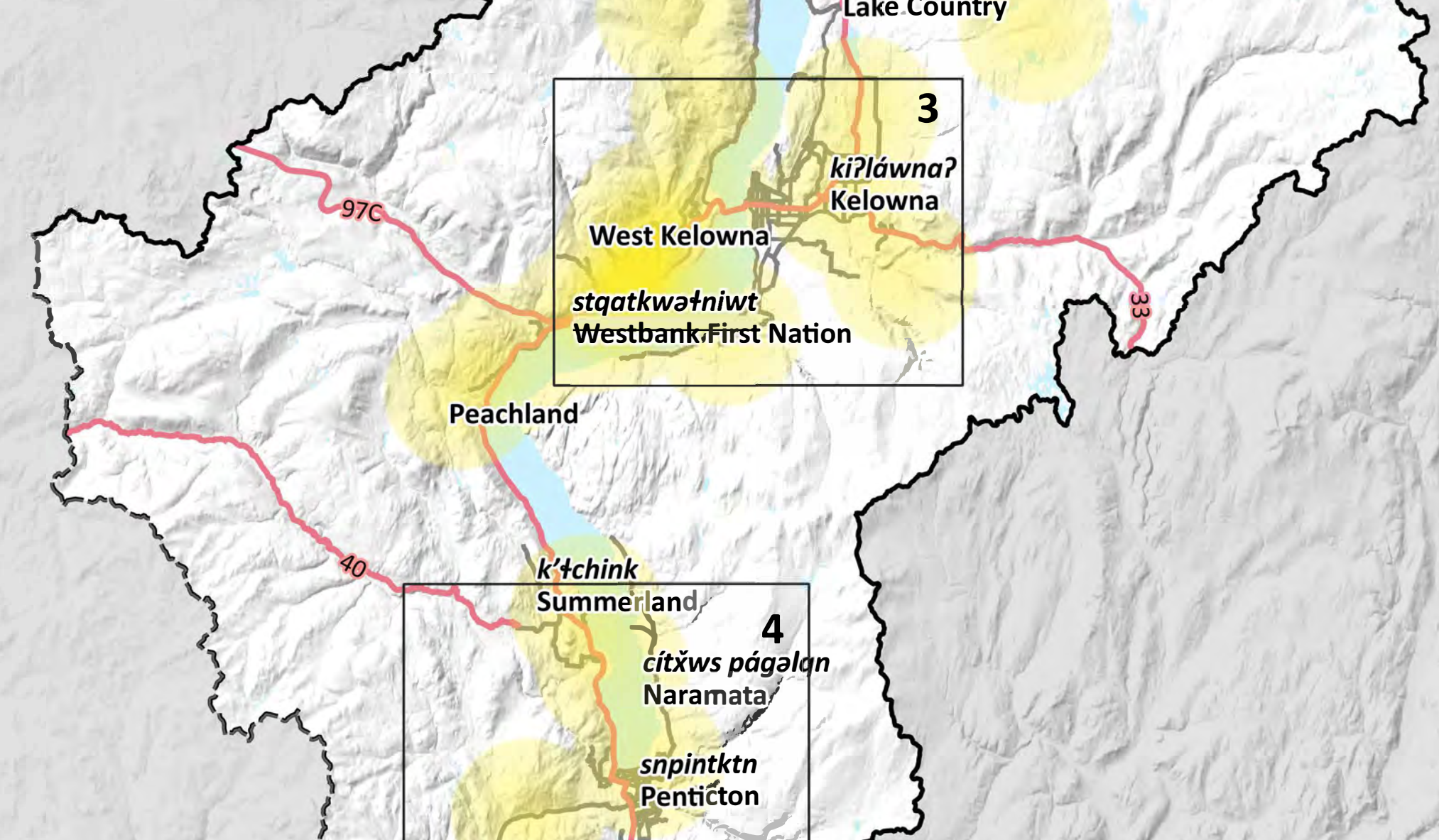
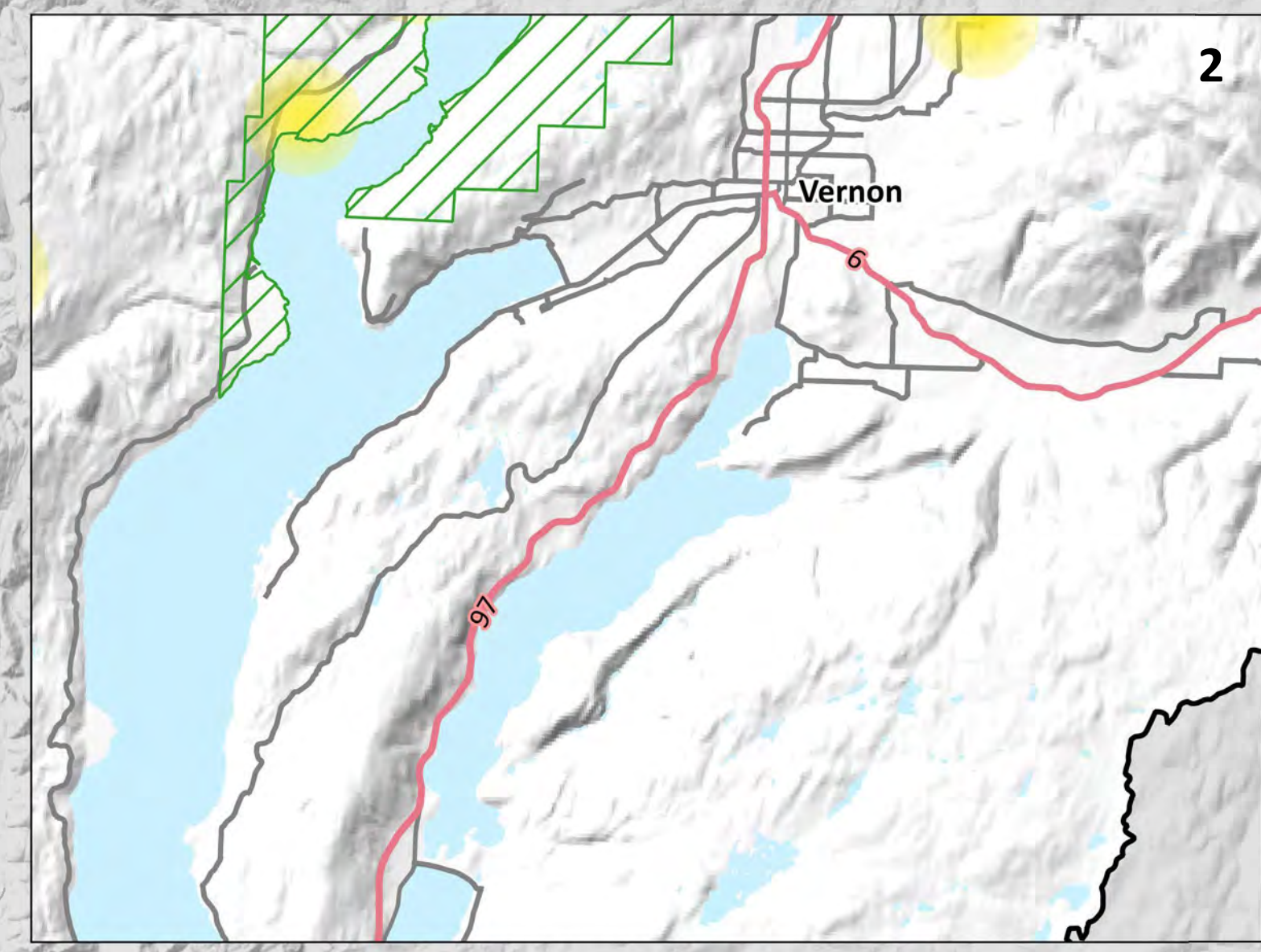
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Qualitative Impacts - Culture - Project Area**  
 ANSI D - Map No. C-Q-001-001



# Okanagan Map

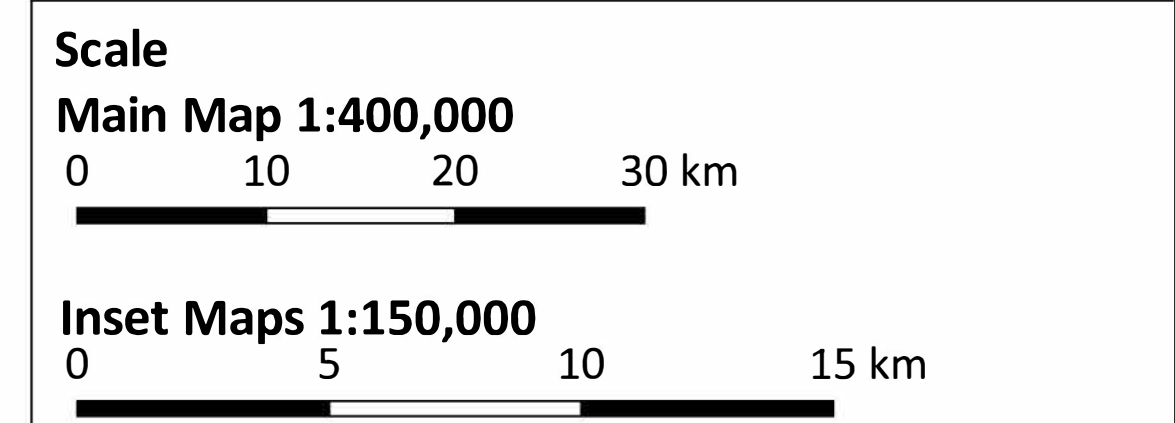
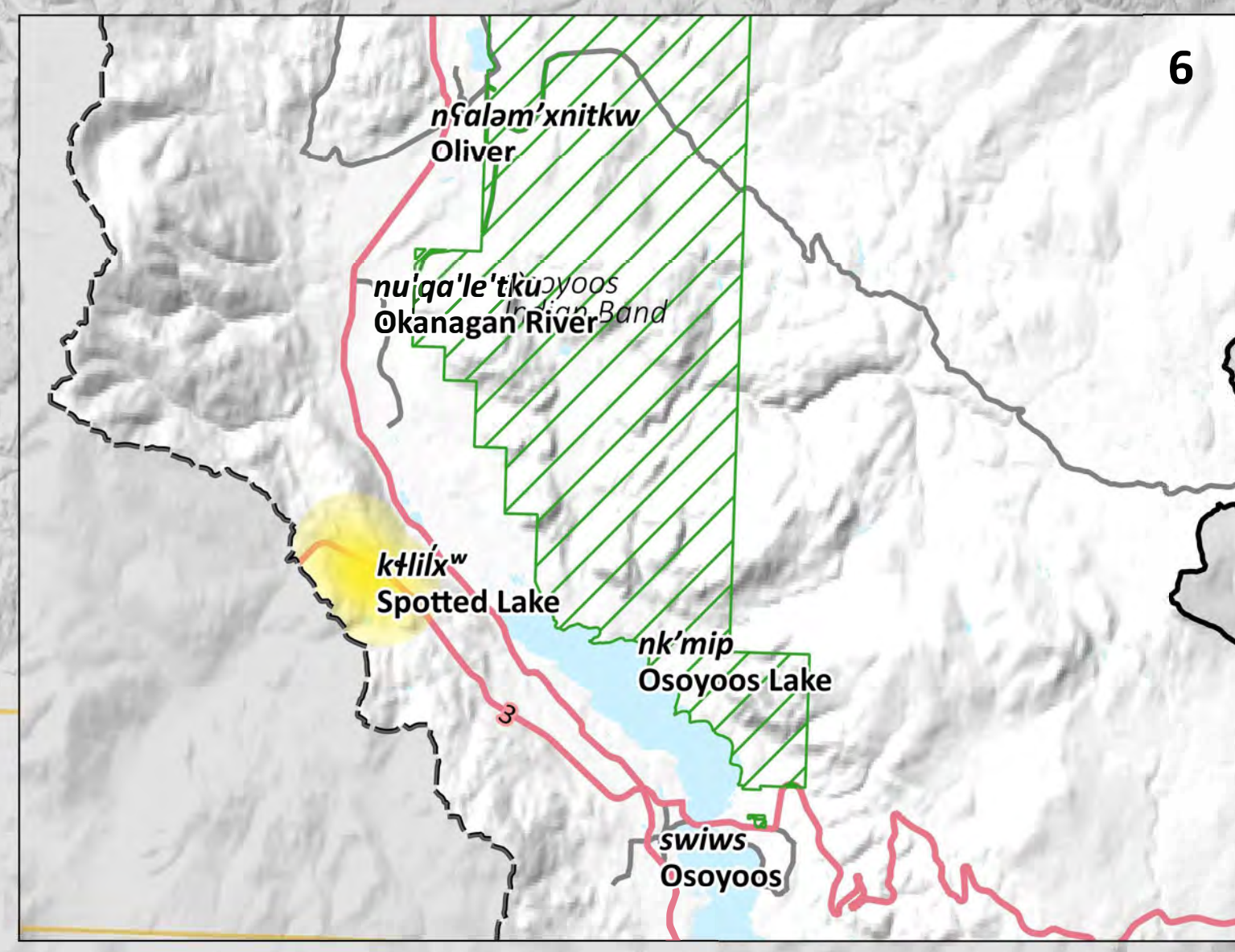
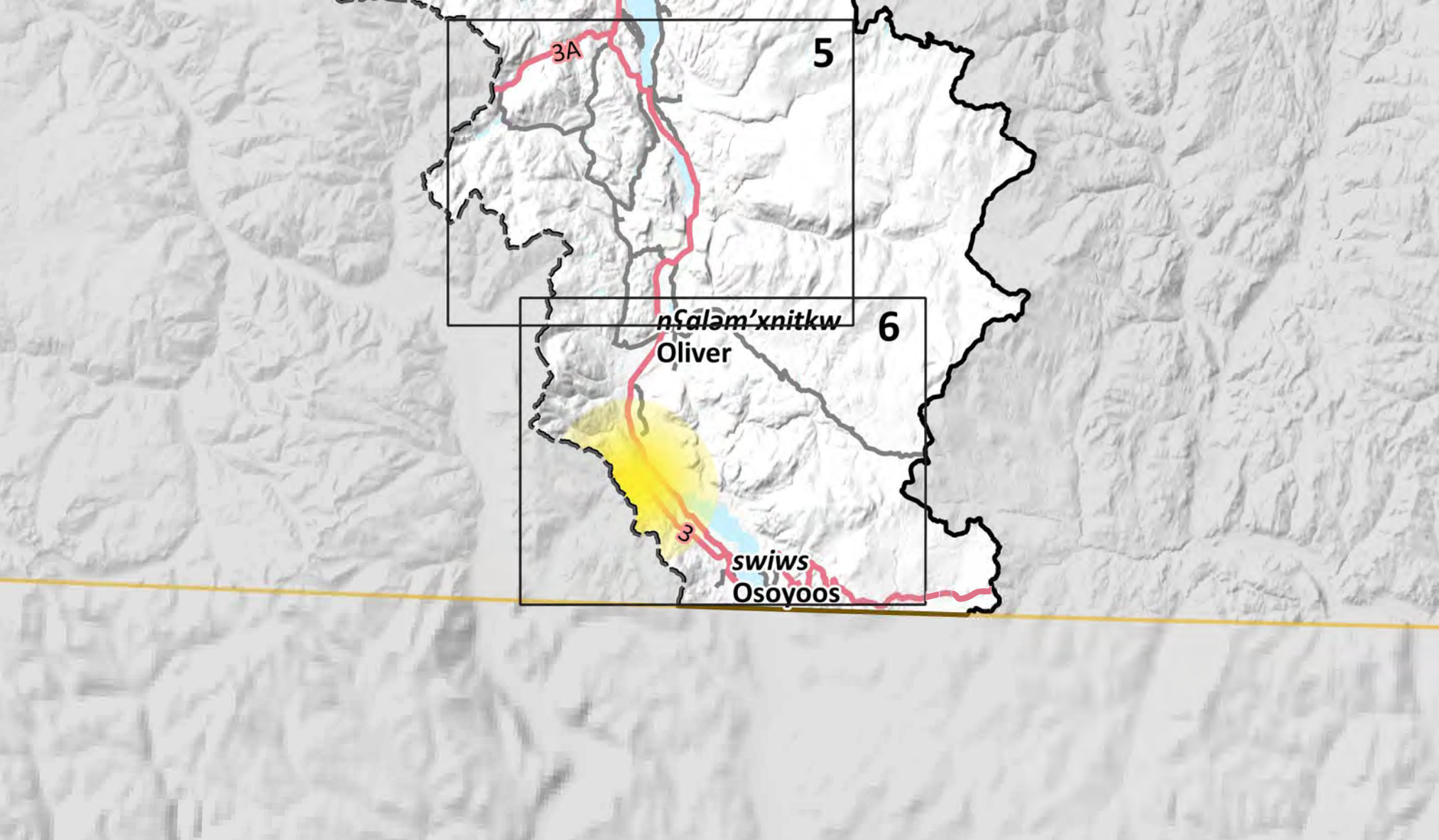
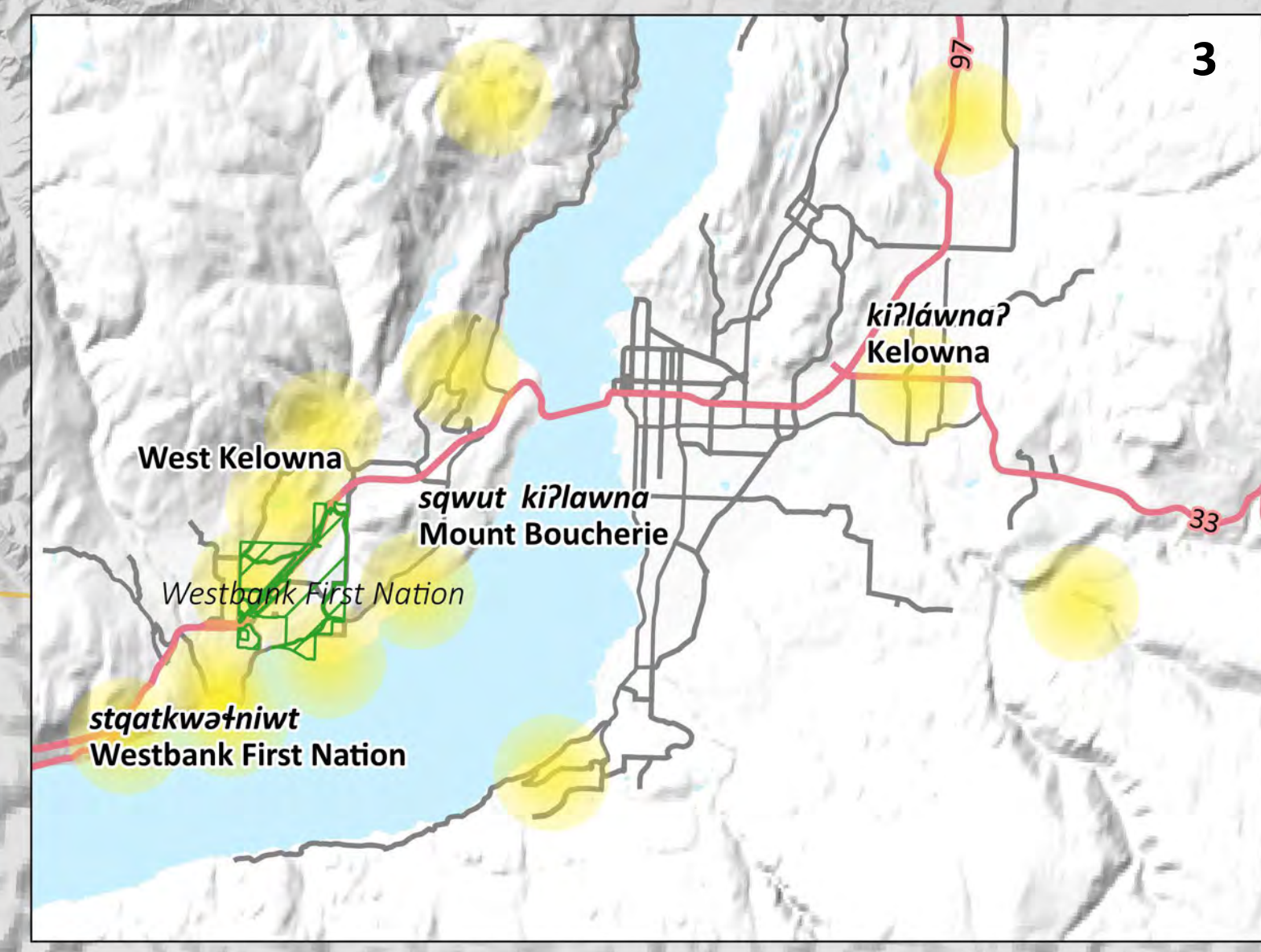


[Click here to go to Project Area Map](#)  
[Click here to go to Similkameen Map](#)



**Map Notes**  
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**Legend**

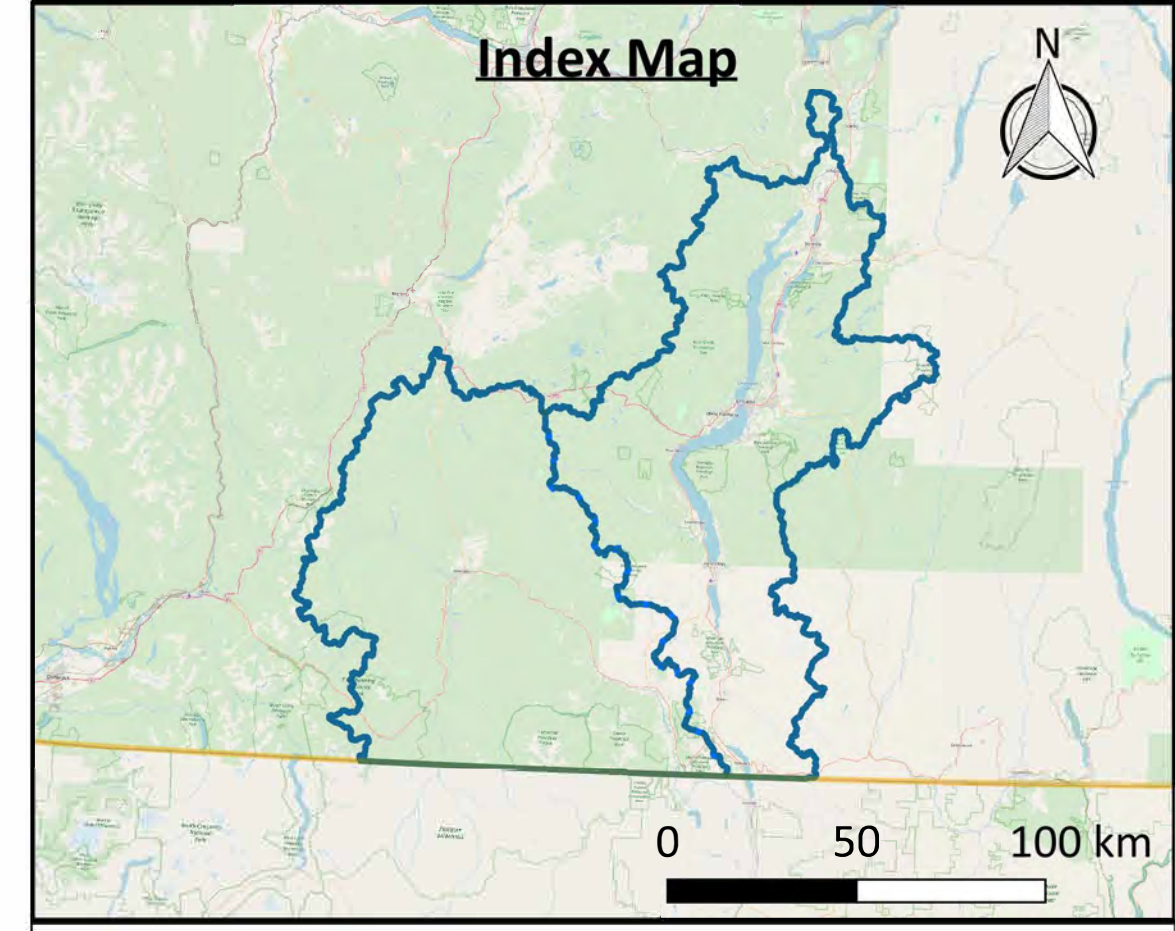
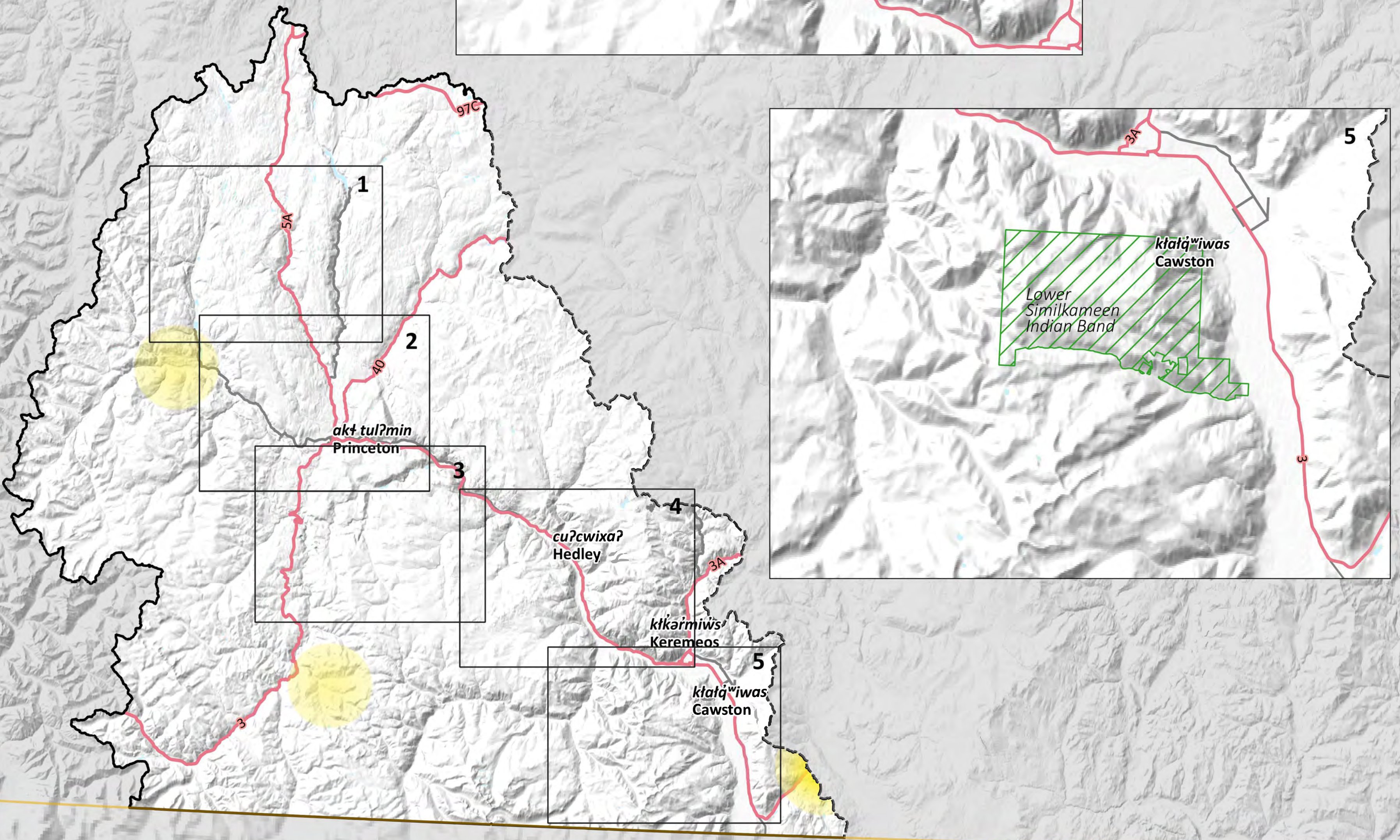
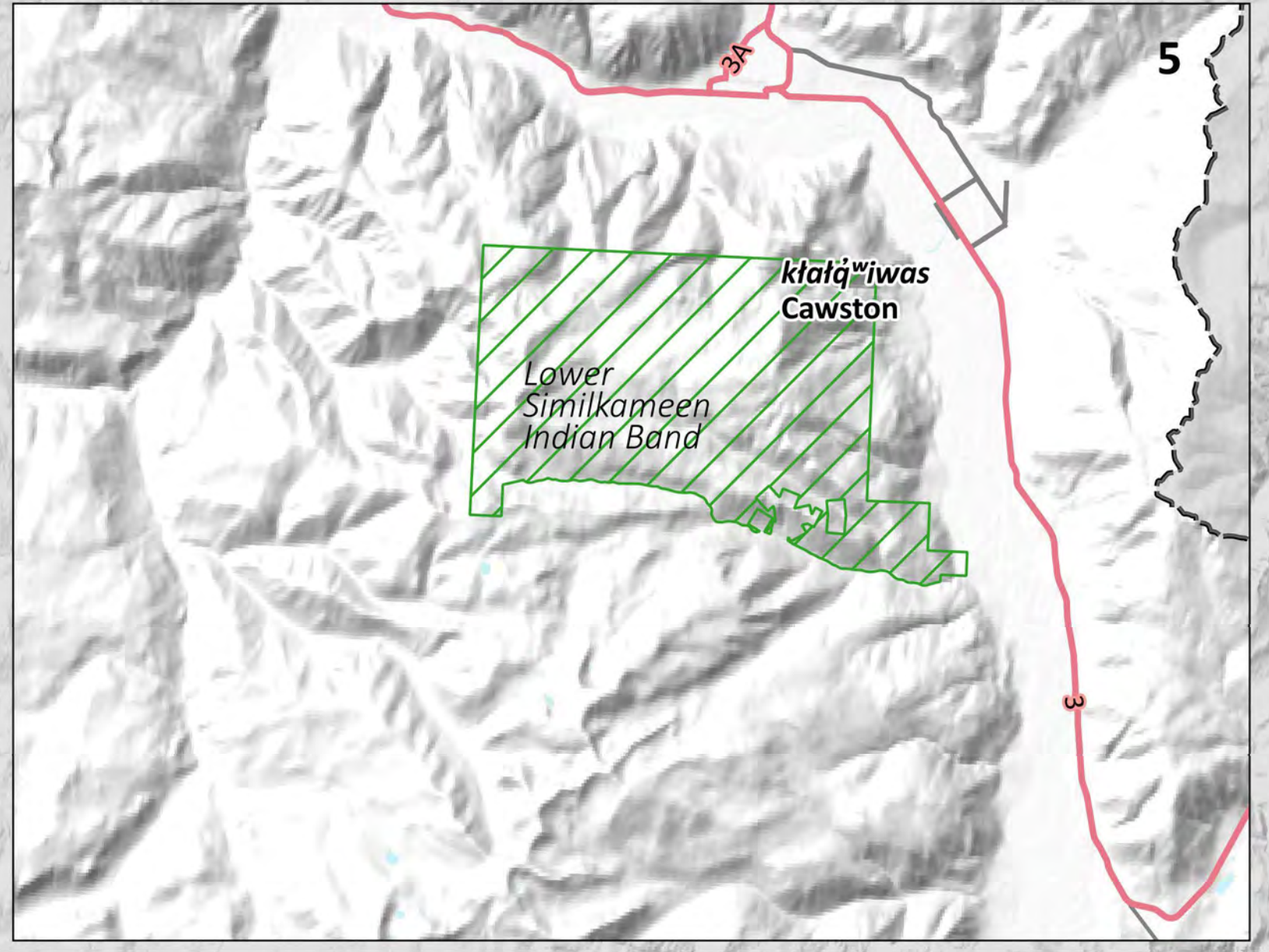
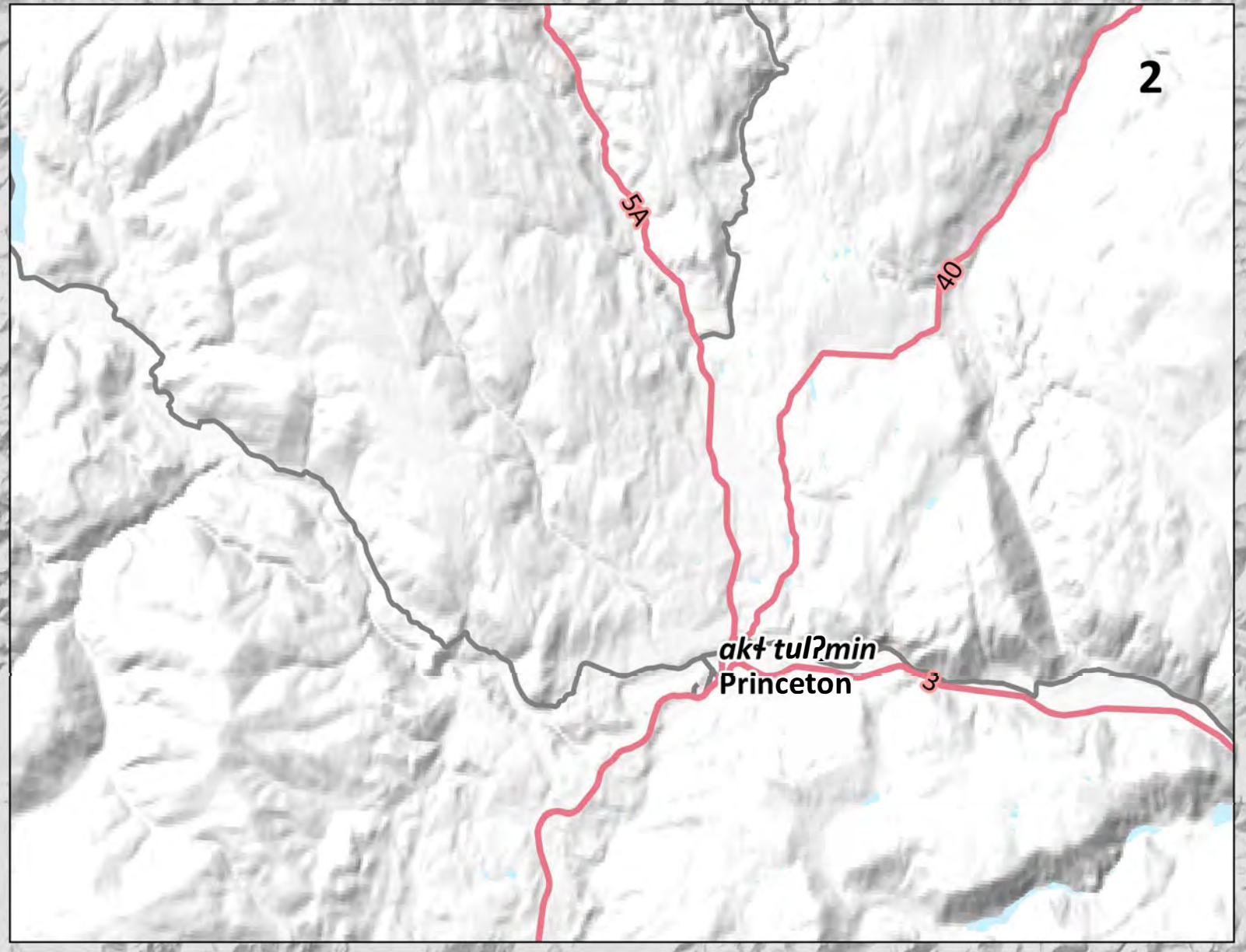
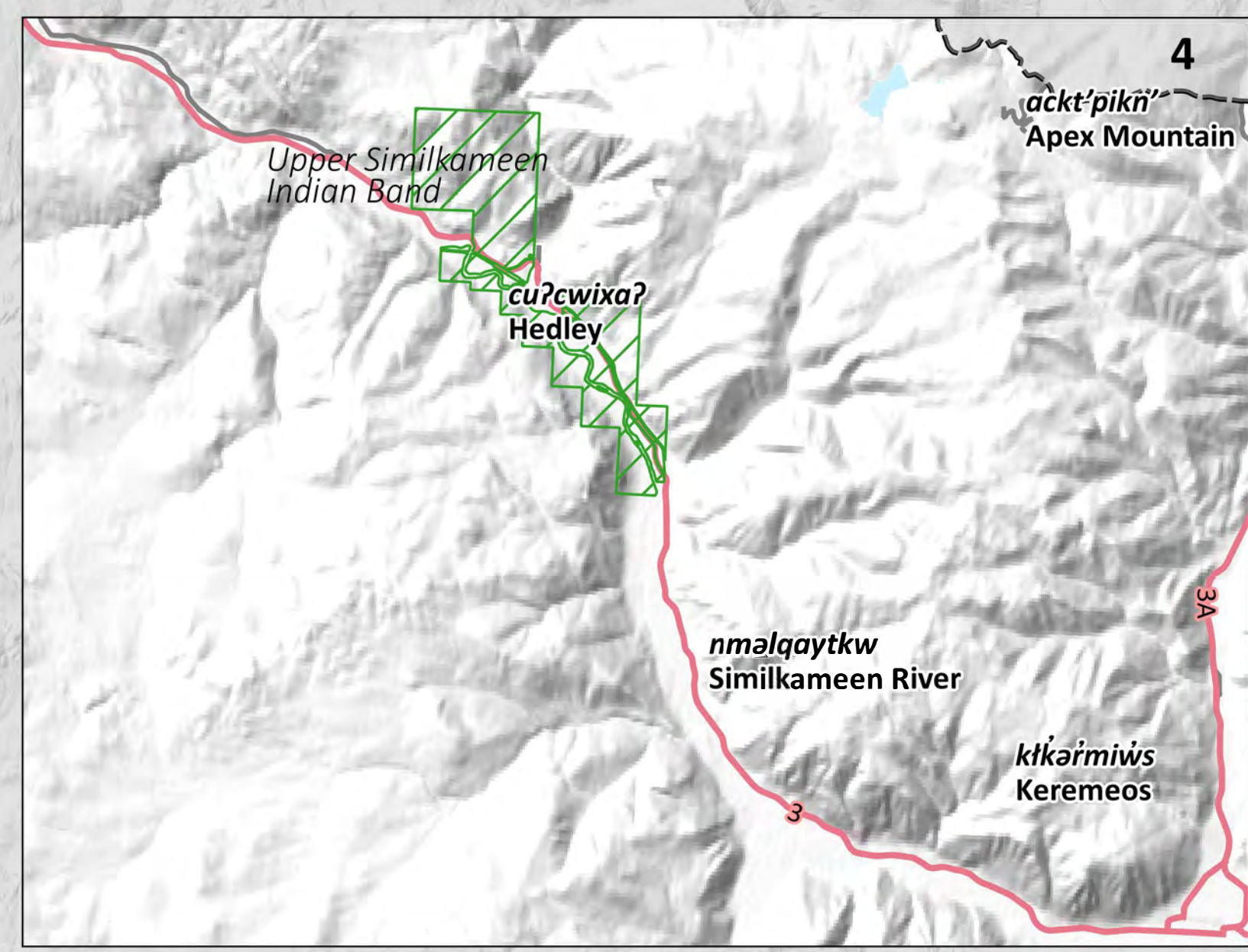
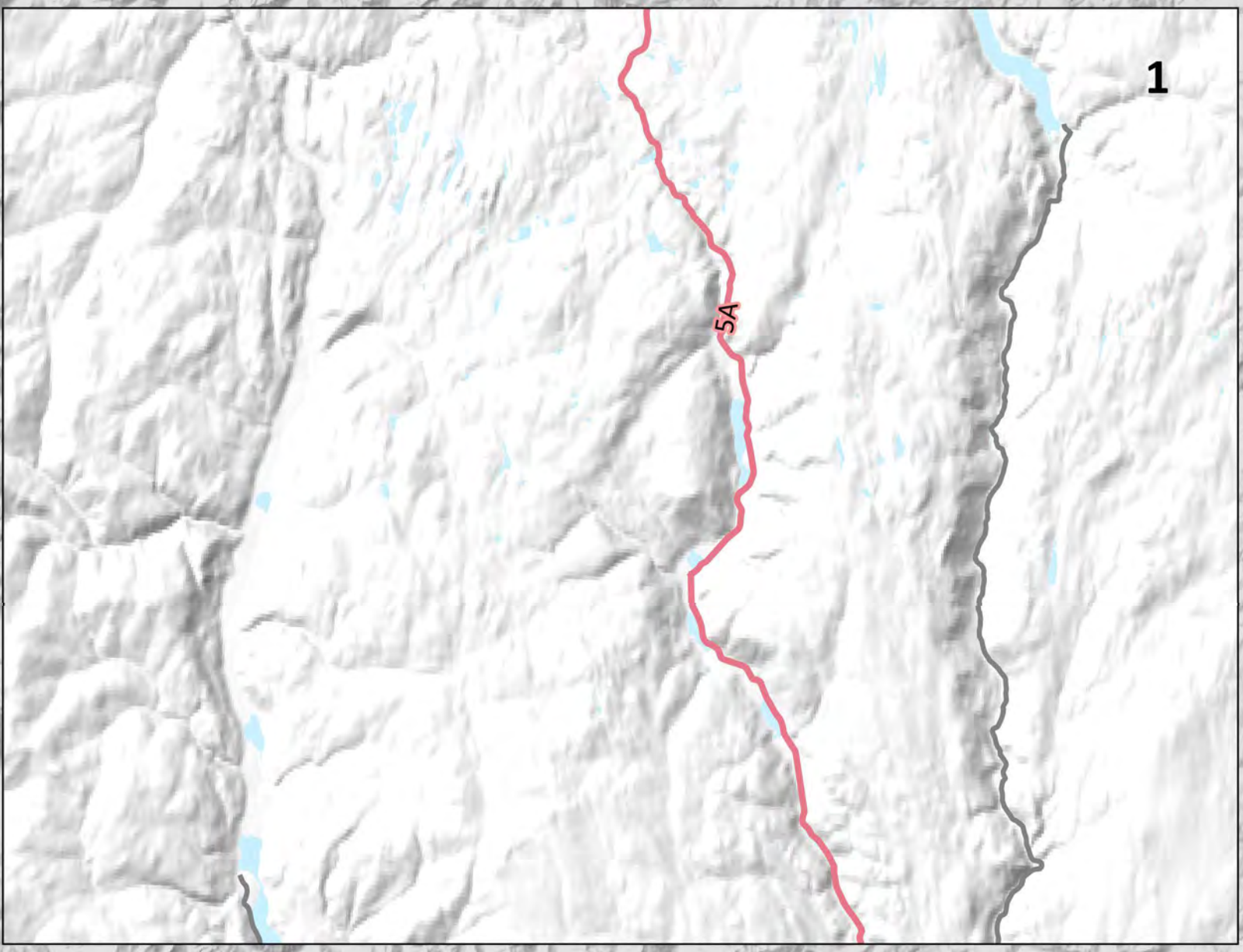
Background	Watershed Boundary	Cultural Impacts
--- Okanagan-Similkameen Boundary	Canada - US Border	
Lakes	Watercourses	
Highway	Major Road	
Reserves		

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**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Qualitative Impacts - Culture - Okanagan**



# Similkameen Map



[Click here to go to Project Area Map](#)  
[Click here to go to Okanagan Map](#)

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**Scale**  
**Main Map 1:400,000**  
 0 10 20 30 km  
**Inset Maps 1:150,000**  
 0 5 10 15 km

**Legend**

- Background
- Watershed Boundary
- - - Okanagan-Similkameen Boundary
- Canada - US Border
- Lakes
- Watercourses
- Highway
- Major Road
- ▭ Reserves
- Cultural Impacts

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

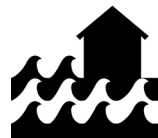
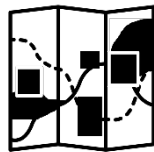
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Qualitative Impacts - Culture - Similkameen**



# Syilx Okanagan Flood and Debris Flow Risk Assessment Map Book Map Series 3 of 7: Culture Indicator

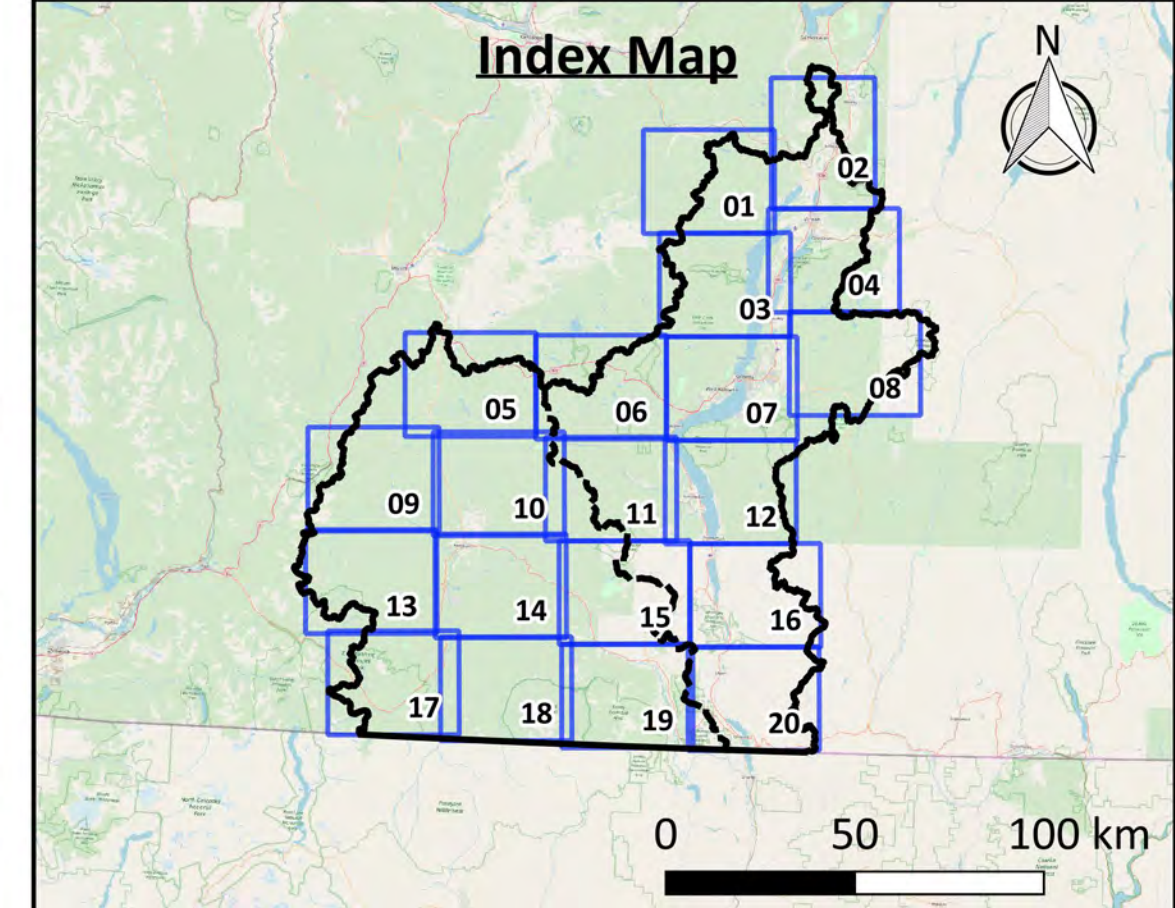
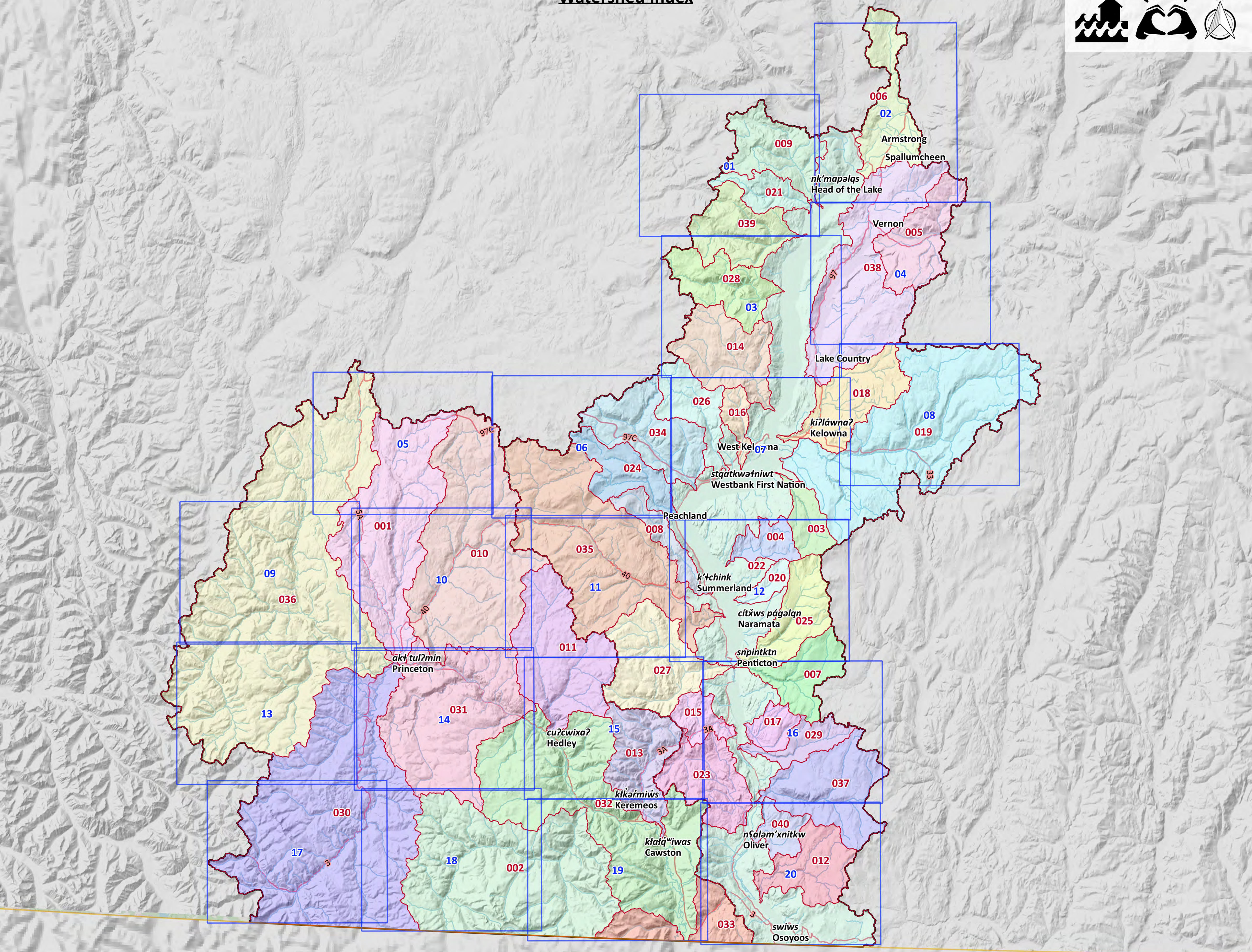


## Quantitative Flood Consequence Maps





# Watershed Index



Click on the blue map tile to go to the Zoom-In map

**Legend**

<b>Background</b>	<b>Sub-Watersheds</b>
— Watershed Boundary	001 - Allison Creek
- - Okanagan-Similkameen Boundary	002 - Ashnola River
— Canada - US Border	003 - Bellevue Creek
— Lakes	004 - Chute Creek
— Watercourses	005 - Coldstream Creek
— Highway	006 - Deep Creek
— Major Road	007 - Ellis Creek
— Map tiles	008 - Eneas Creek
	009 - Equis Creek
	010 - Hayes Creek
	011 - Hedley Creek
	012 - Inkaneep Creek
	013 - Keremeos Creek
	014 - Lambly Creek
	015 - Marron River
	016 - McDougall Creek
	017 - McLean Creek
	018 - Mill Creek
	019 - Mission Creek
	020 - Naramata Creek
	021 - Naswhito Creek
	022 - Okanagan River
	023 - Park Rill
	024 - Peachland Creek
	025 - Penticton Creek
	026 - Powers Creek
	027 - Shingle Creek
	028 - Shorts Creek
	029 - Shuttleworth Creek
	030 - Similkameen River 1
	031 - Similkameen River 2
	032 - Similkameen River 3
	033 - Similkameen River 4
	034 - Trepanier Creek
	035 - Trout Creek
	036 - Tulameen River
	037 - Vaseux Creek
	038 - Vernon Creek
	039 - Whiteman Creek
	040 - Wolfcub Creek

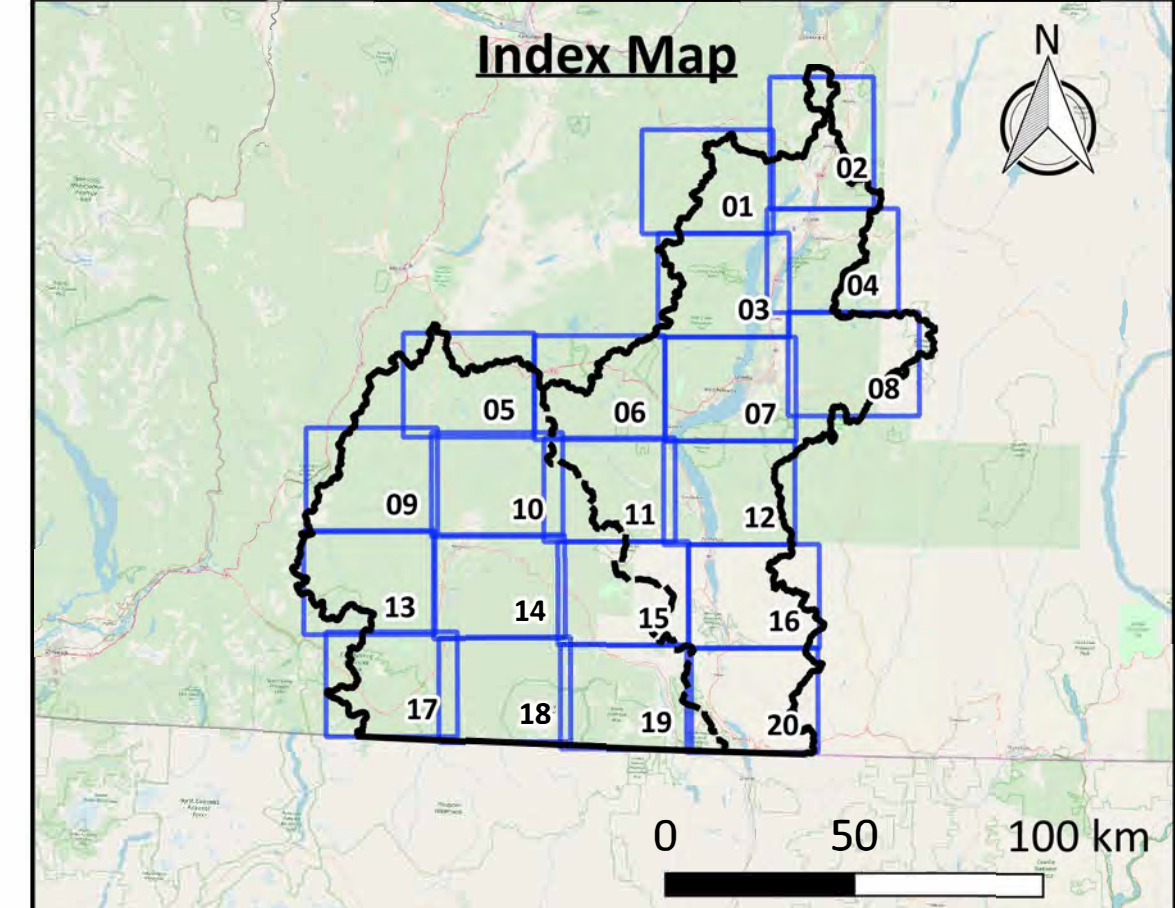
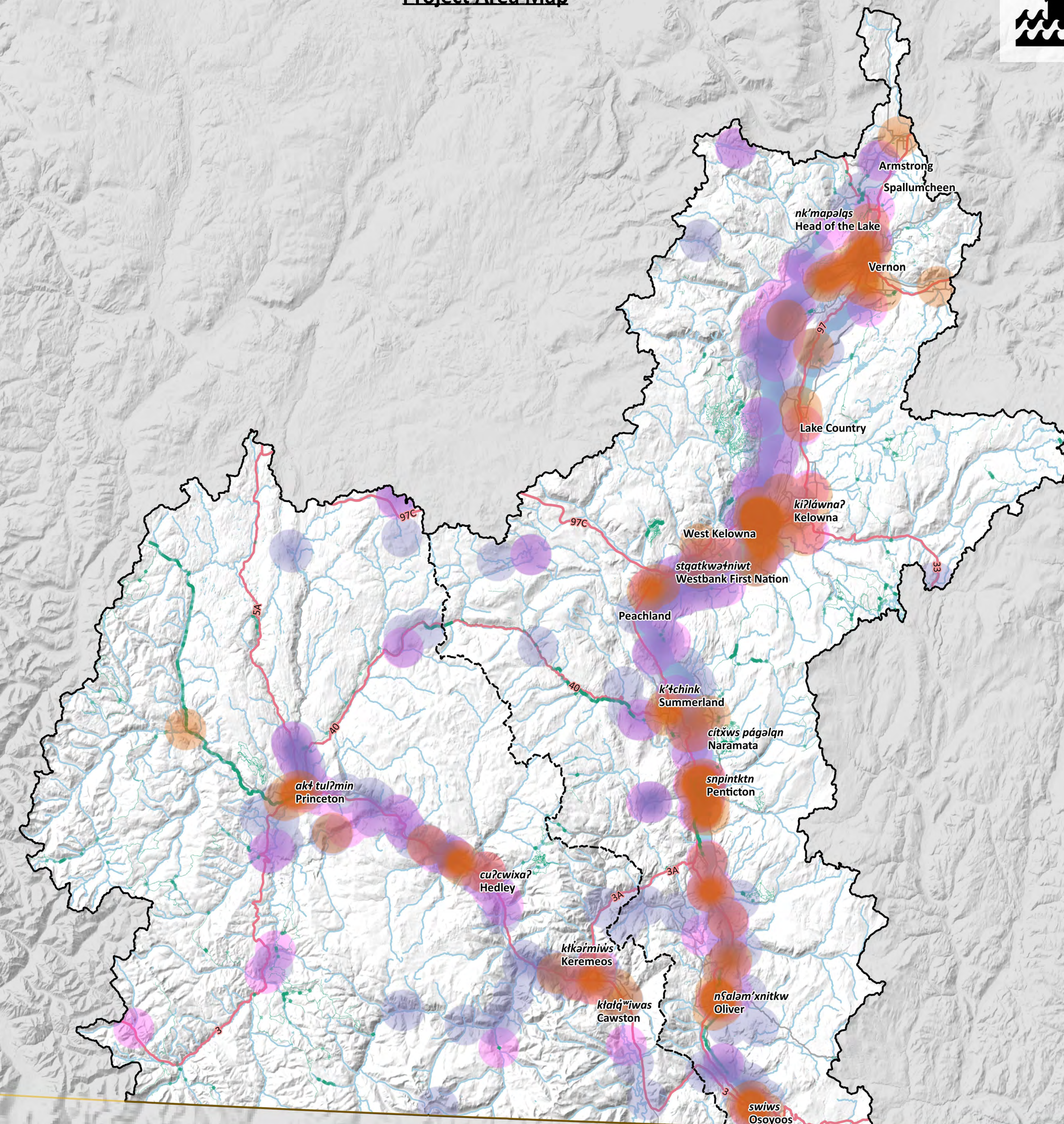
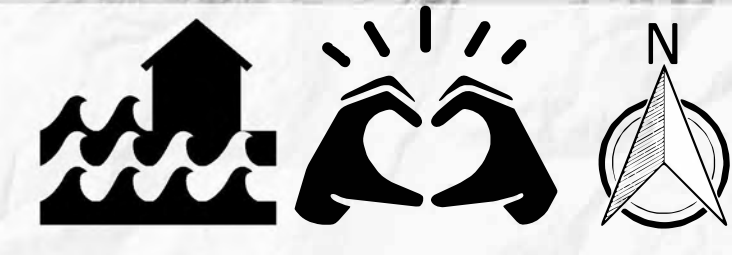
Scale 1:350,000  
0 10 20 30 km

Date: 31 December 2019  
Produced by: Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**



# Project Area Map



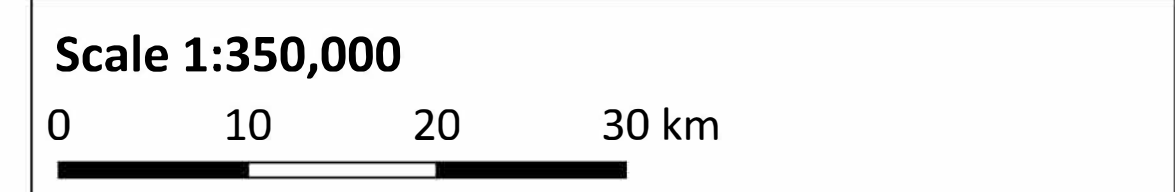
Click above map tile for Zoom-In map  
[Click here to go to Okanagan Map](#)  
[Click here to go to Similkameen Map](#)

**Map Notes**

1. Map produced by Ebbwater Consulting Inc.
2. Cultural amenities have been identified based on the primary land use description. Properties have been selected which are likely to have a significant social or cultural value and includes parks as well as education, social care, and leisure facilities. While this provides an indication of cultural locations the list is not comprehensive.
3. Indigenous sites have been generalized using available archaeology data. These data are known to be incomplete, outdated, and inaccurate. The data are a limited representation of valued cultural sites; many other sites of cultural importance to Indigenous people are not shown on this map.
4. Cultural (exposure) layers were clipped to the moderate flood hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**

1. Lakes, Watercourses, Roads, and Trails: BC Data Catalogue.
2. Cultural Buildings: BC Assessment and Westbank First Nation.
3. Sylix Place Names: Okanagan Nation Alliance.
4. Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



**Legend**

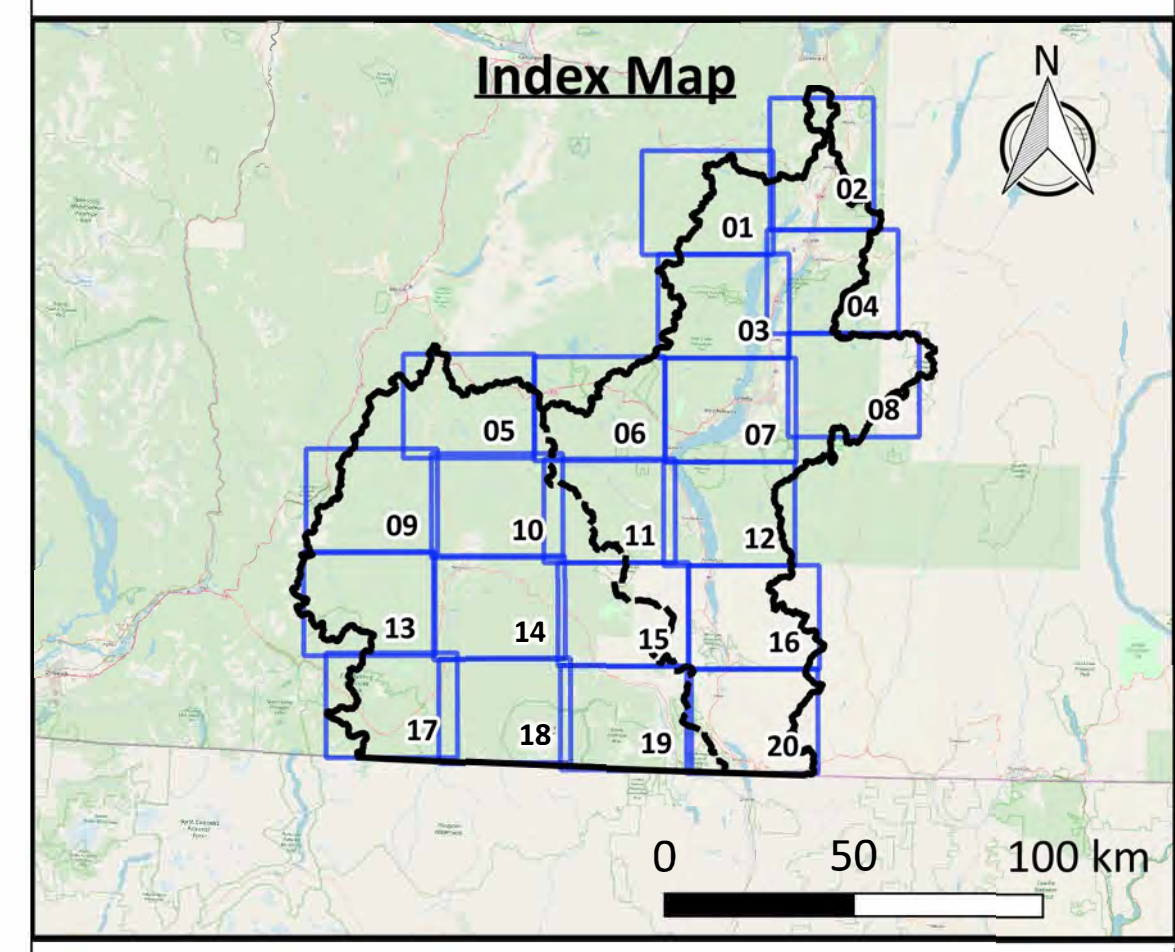
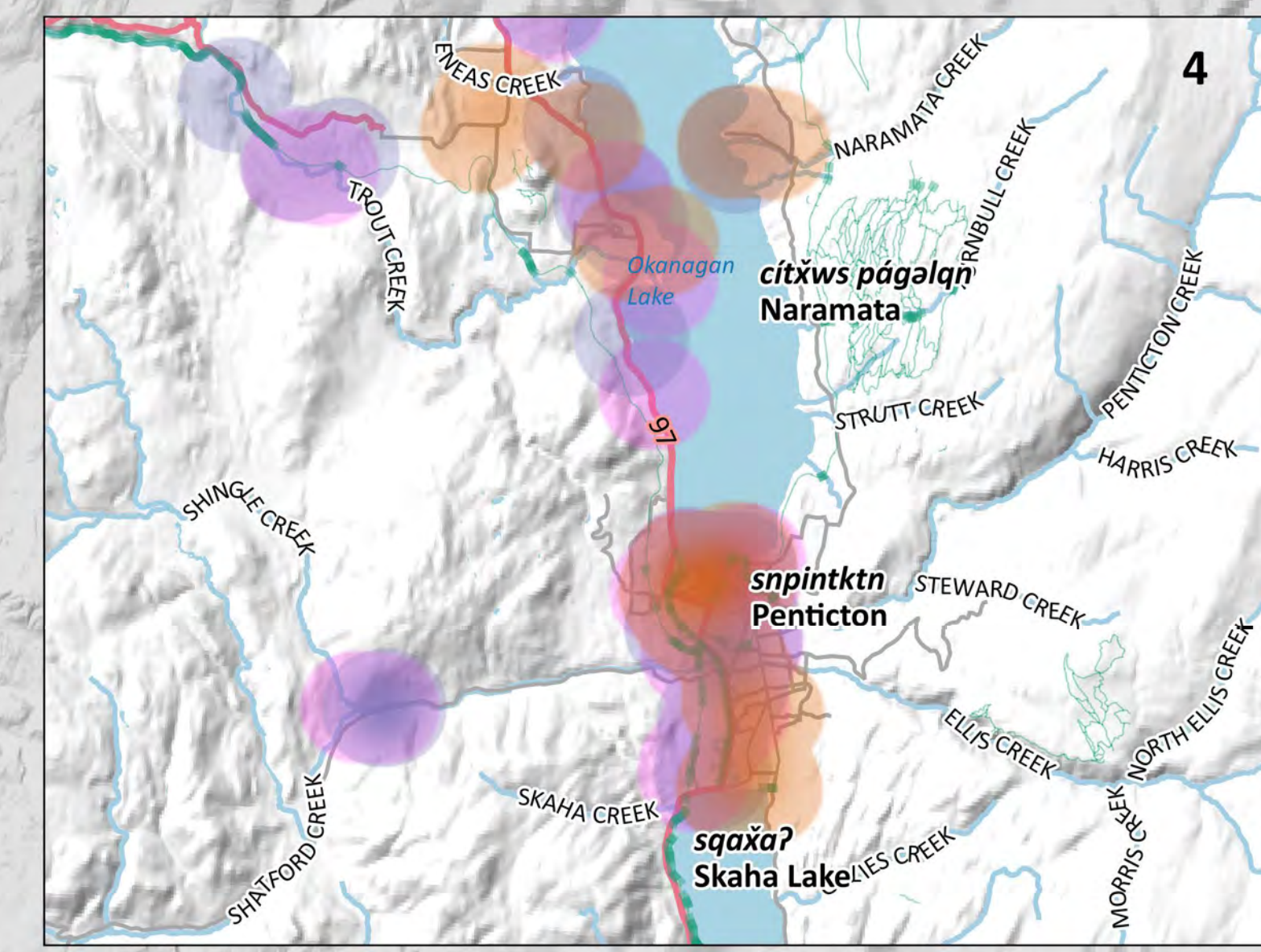
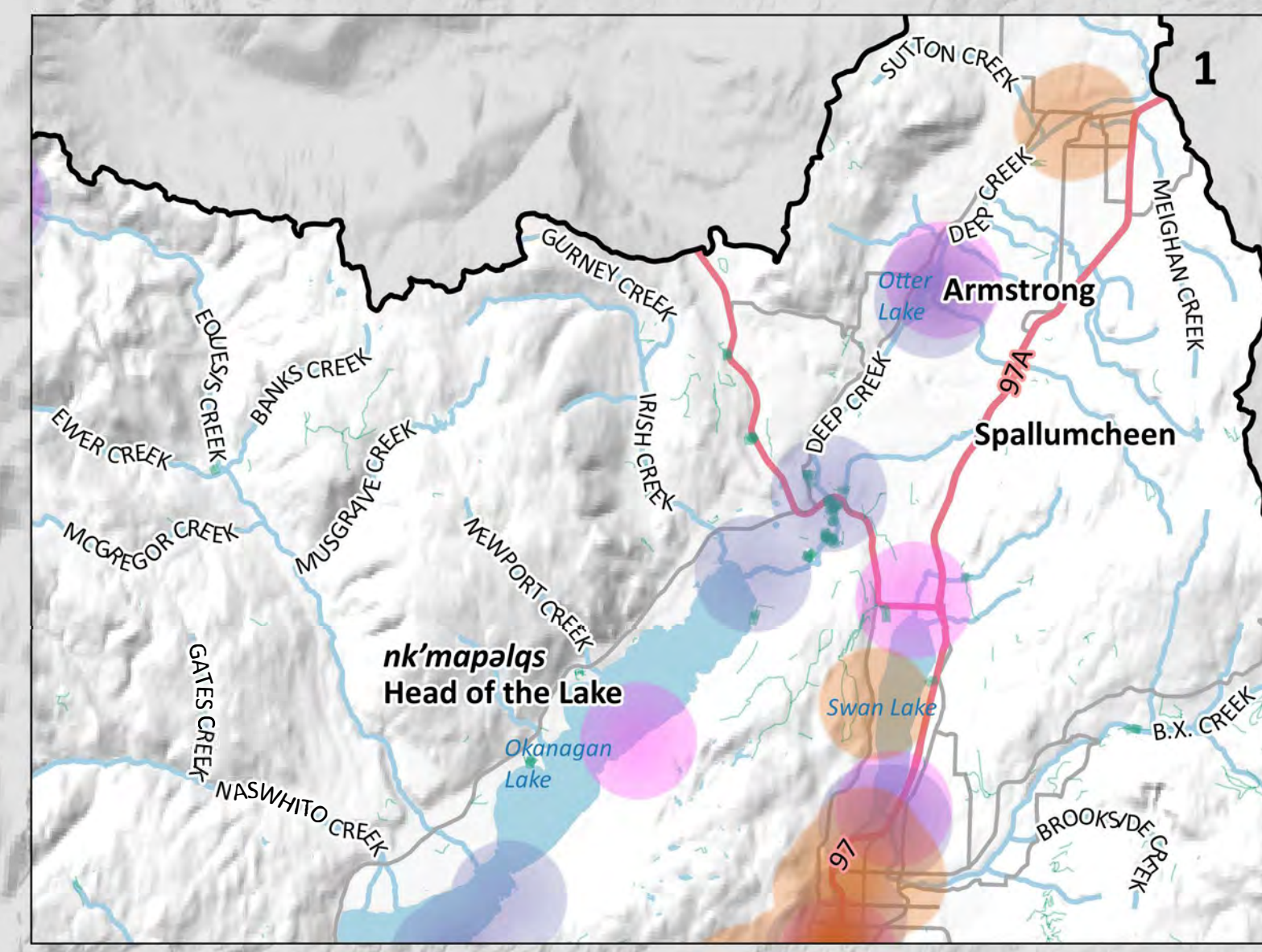
Watershed Boundary	Cultural Amenities
Okanagan-Similkameen Boundary	Sylix Sites
Canada - US Border	Non-Sylix Archaeology
Lakes	Affected Recreation Trail
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

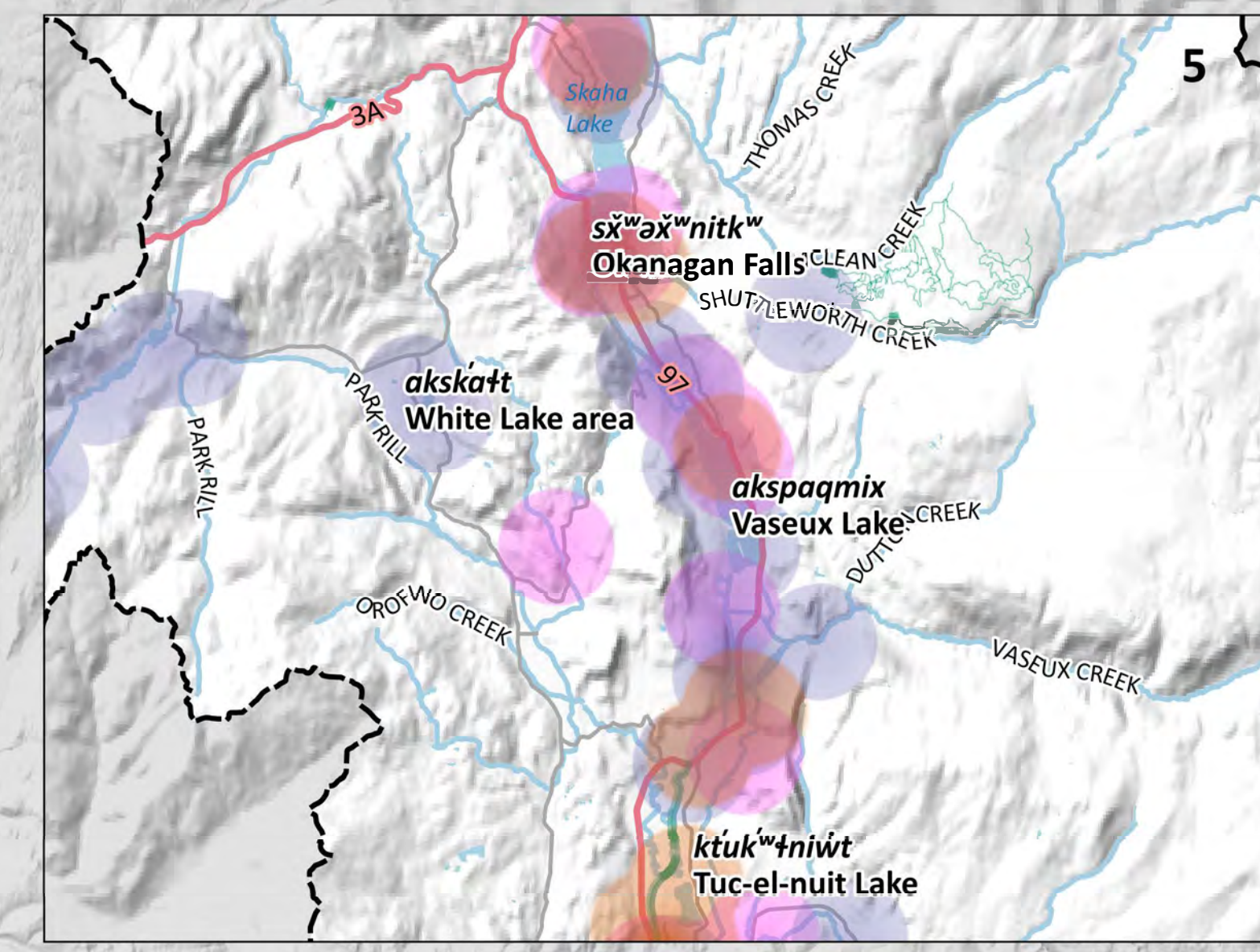
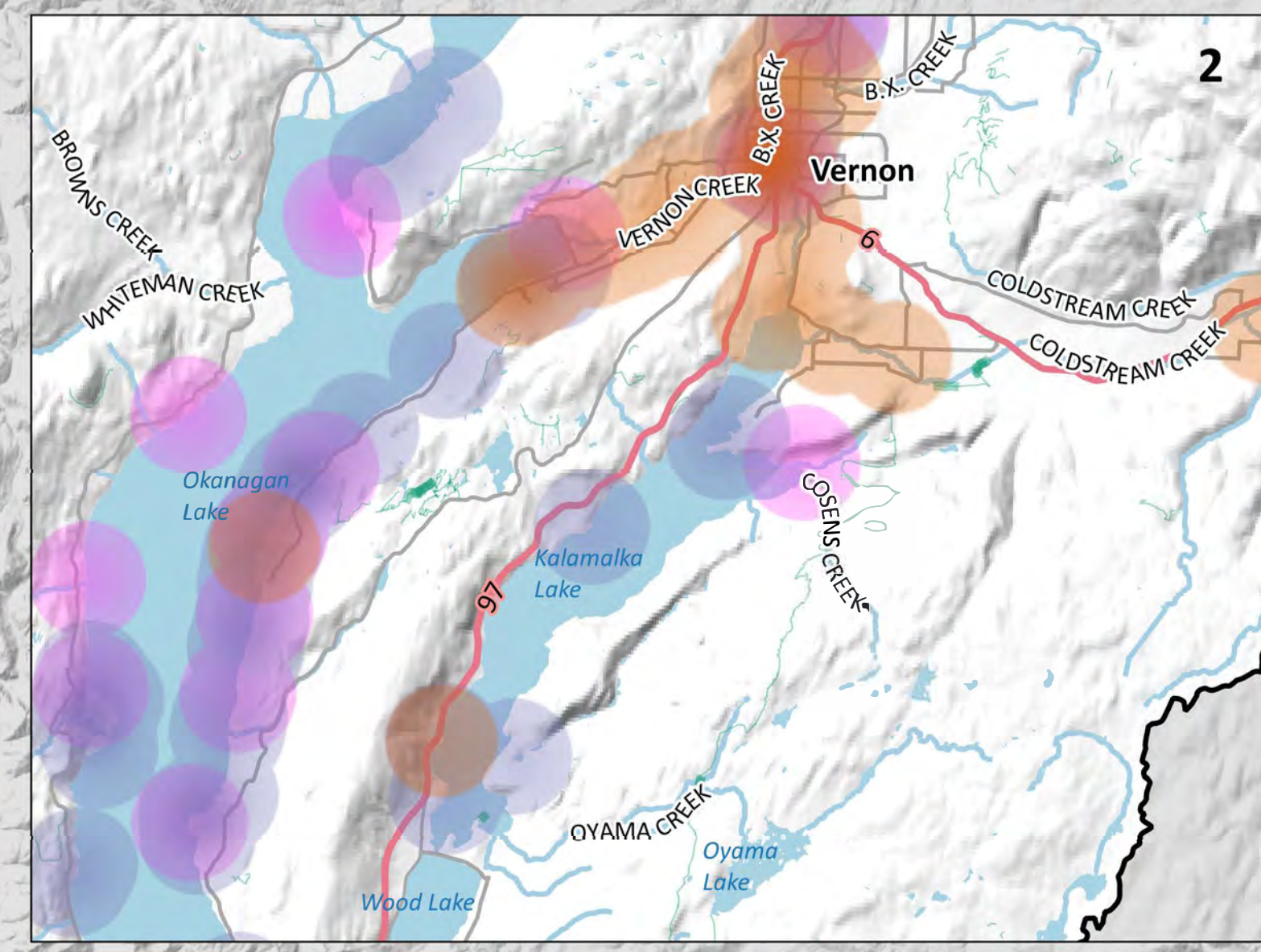
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**



# Okanagan Map

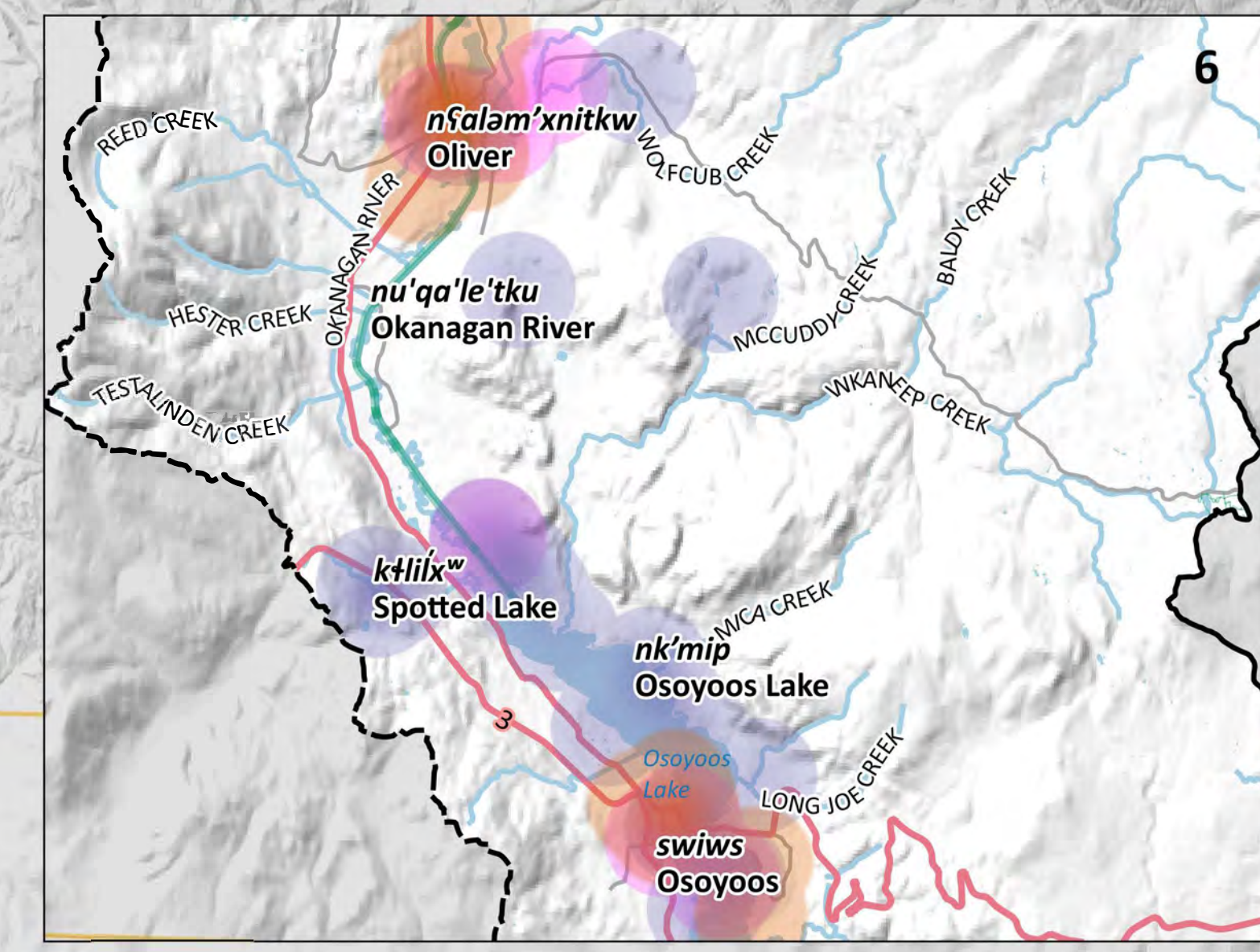
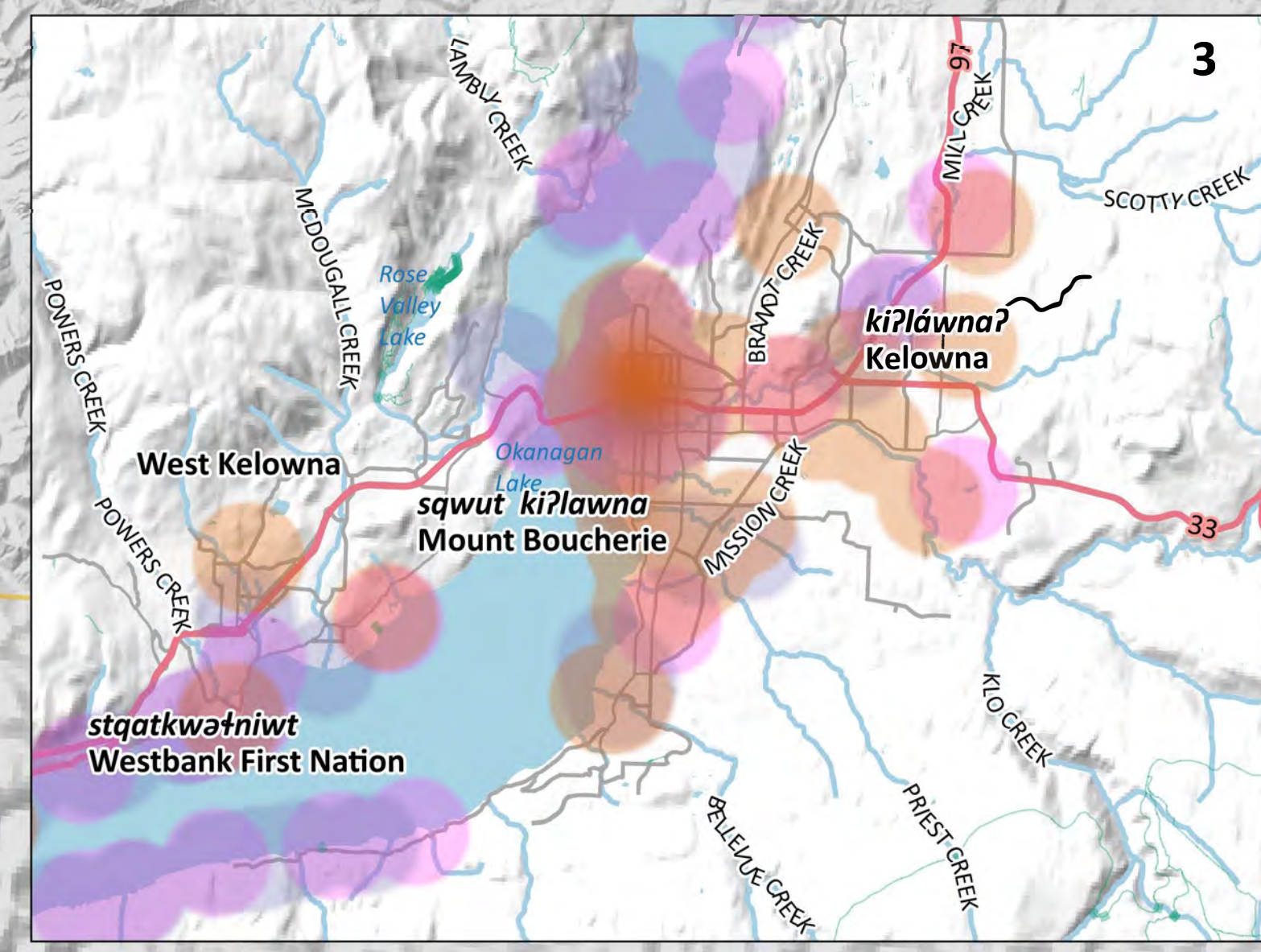


Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to go to Similkameen map](#)



**Map Notes**  
 1. Map produced by Ebbwater Consulting Inc.  
 2. Cultural amenities have been identified based on the primary land use description. Properties have been selected which are likely to have a significant social or cultural value and includes parks as well as education, social care, and leisure facilities. While this provides an indication of cultural locations the list is not comprehensive.  
 3. Indigenous sites have been generalized using available archaeology data. These data are known to be incomplete, outdated, and inaccurate. The data are a limited representation of valued cultural sites; many other sites of cultural importance to Indigenous people are not shown on this map.  
 4. Cultural (exposure) layers were clipped to the moderate flood hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**  
 1. Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.  
 2. Cultural Buildings: BC Assessment and Westbank First Nation.  
 3. Syilx Place Names: Okanagan Nation Alliance.  
 4. Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



**Scale**  
**Main Map 1:400,000**  
 0 10 20 30 km

**Inset Maps 1:150,000**  
 0 5 10 15 km

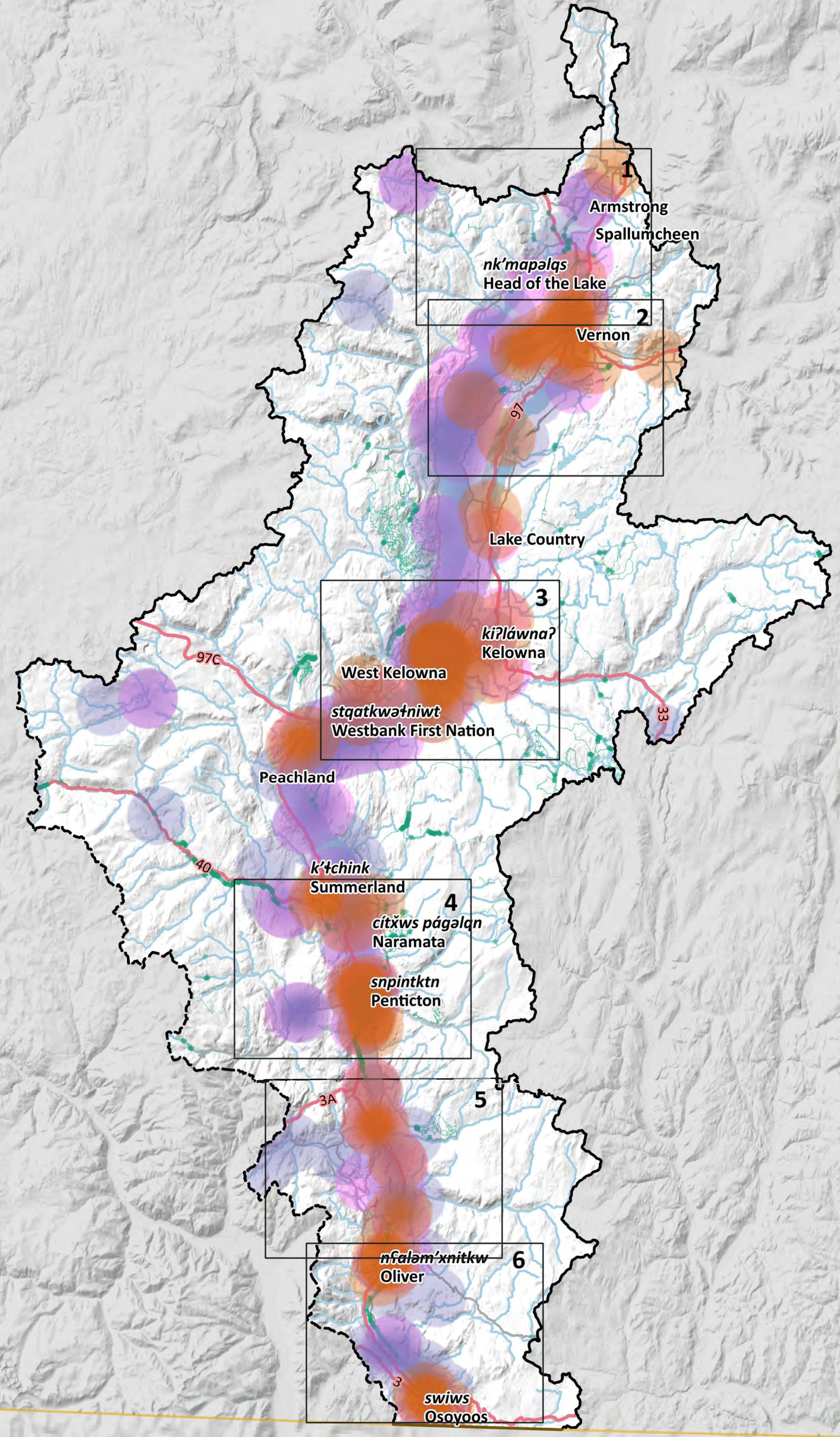
**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	● Cultural Amenities
- - - Okanagan-Similkameen Boundary	● Syilx Sites
— Canada - US Border	● Non-Syilx Archaeology
■ Lakes	— Affected Recreation Trail
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

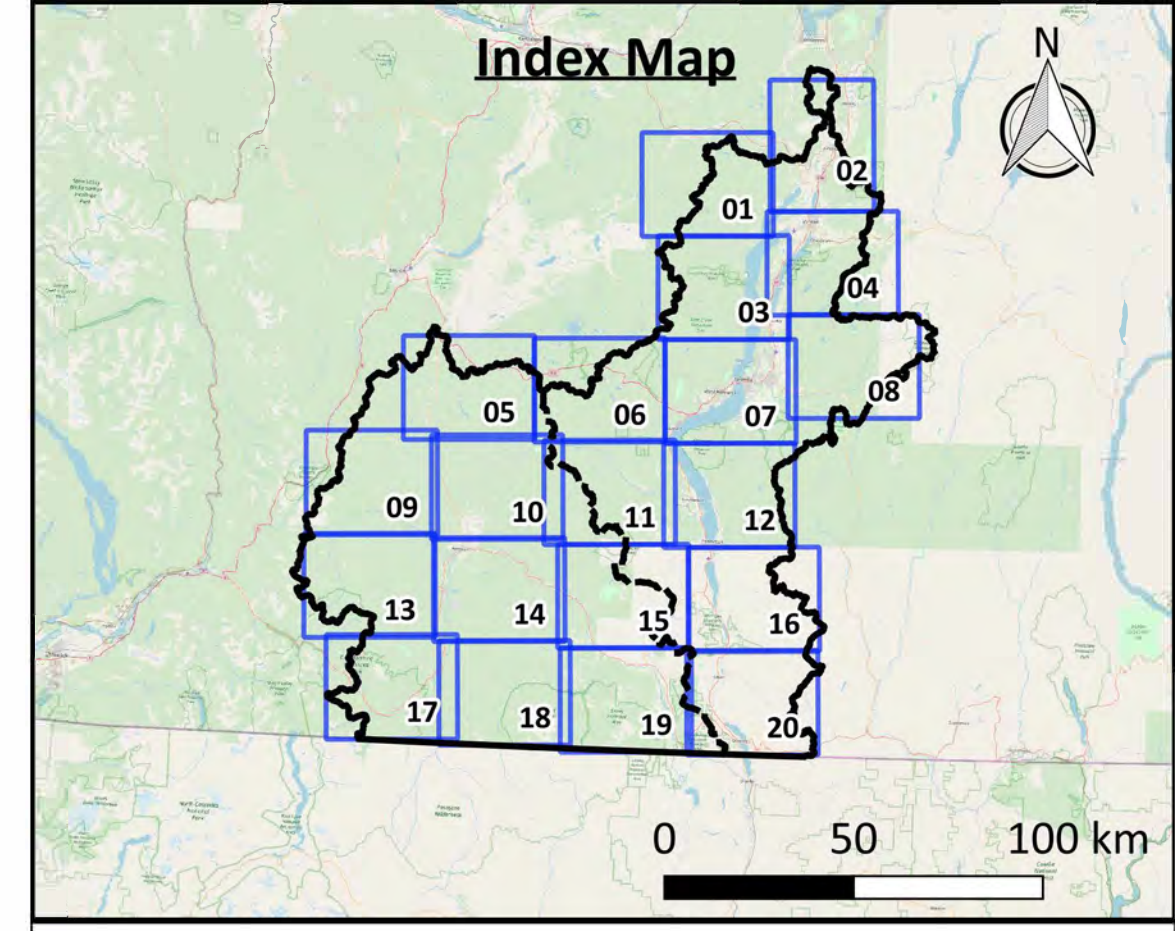
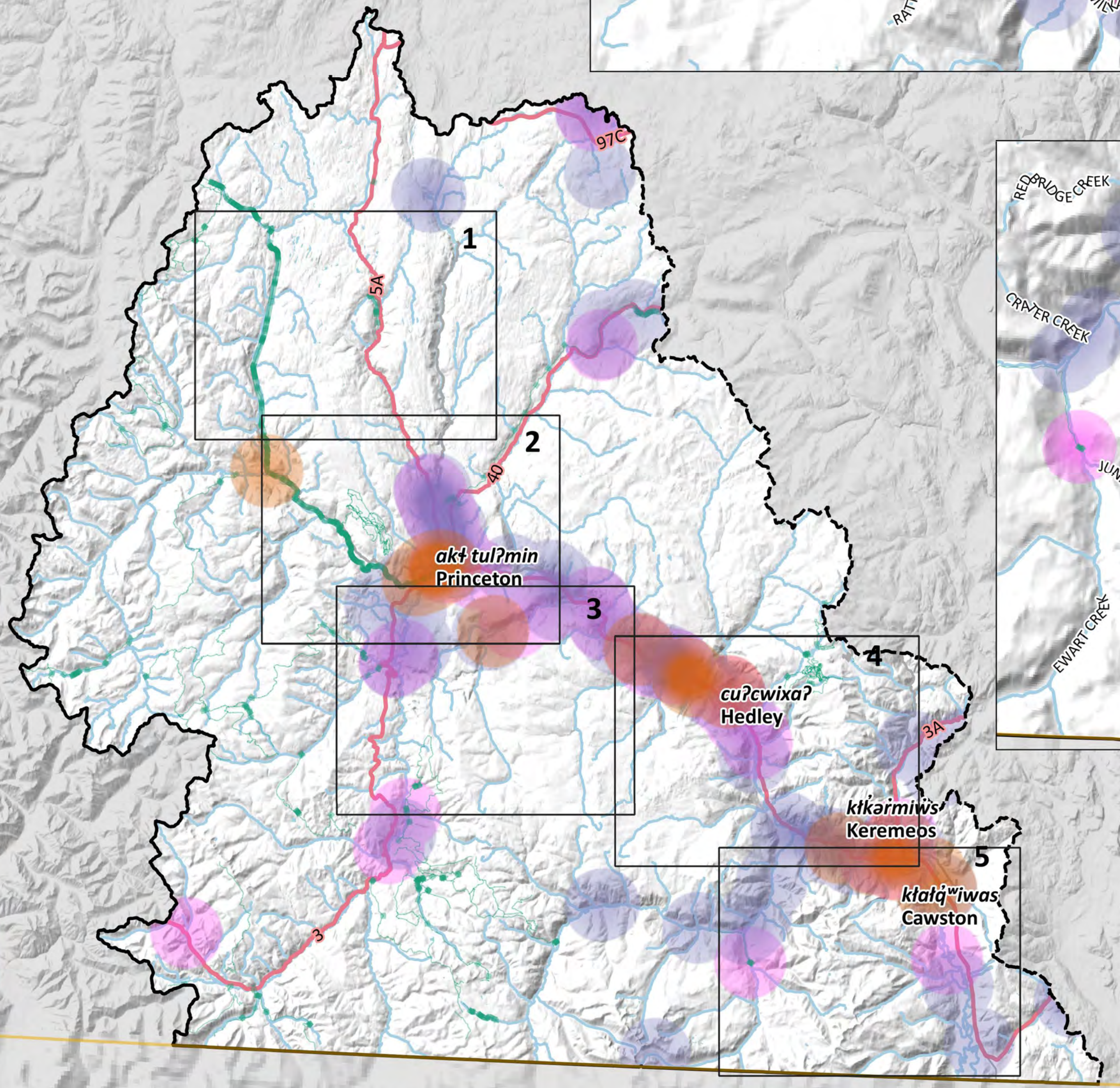
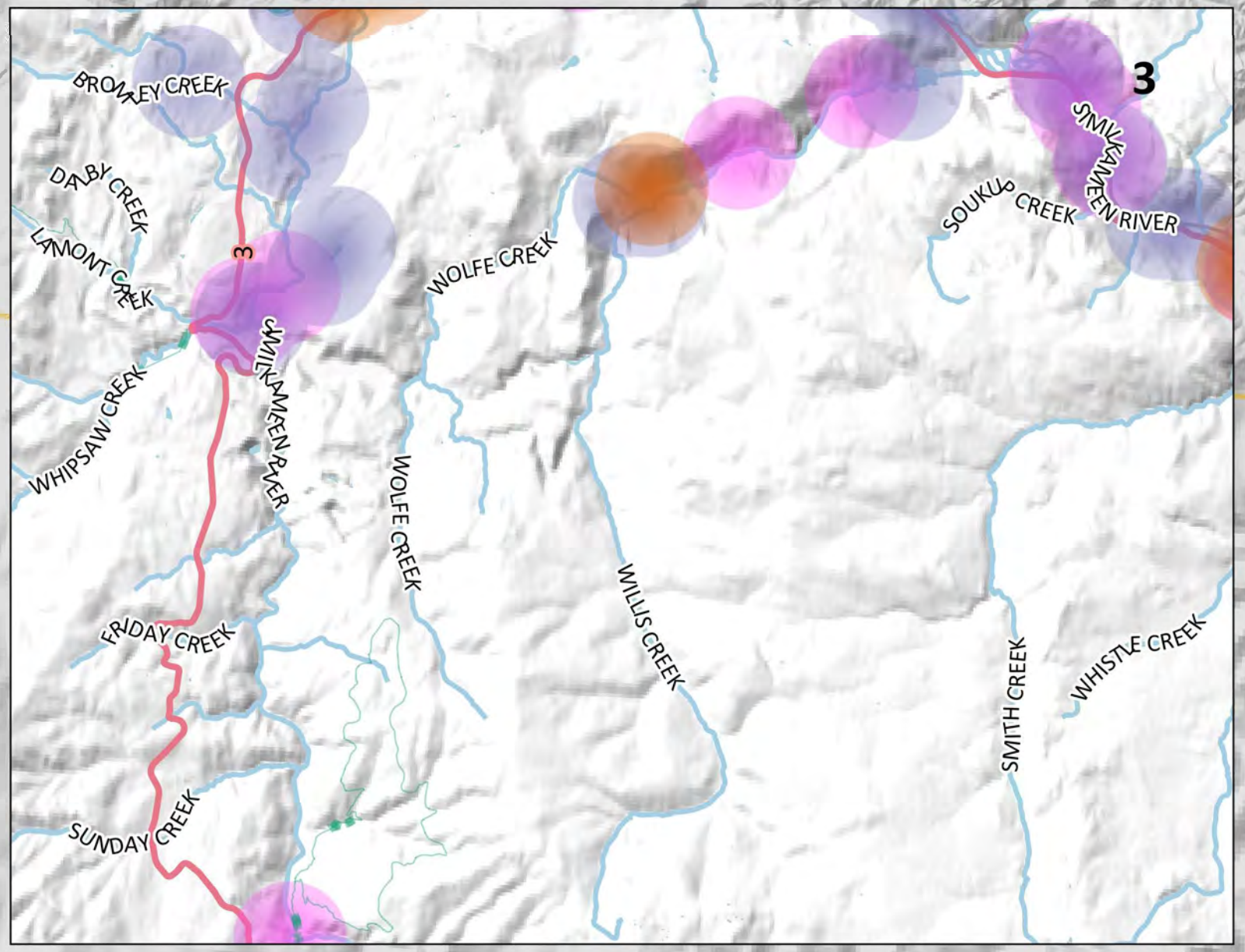
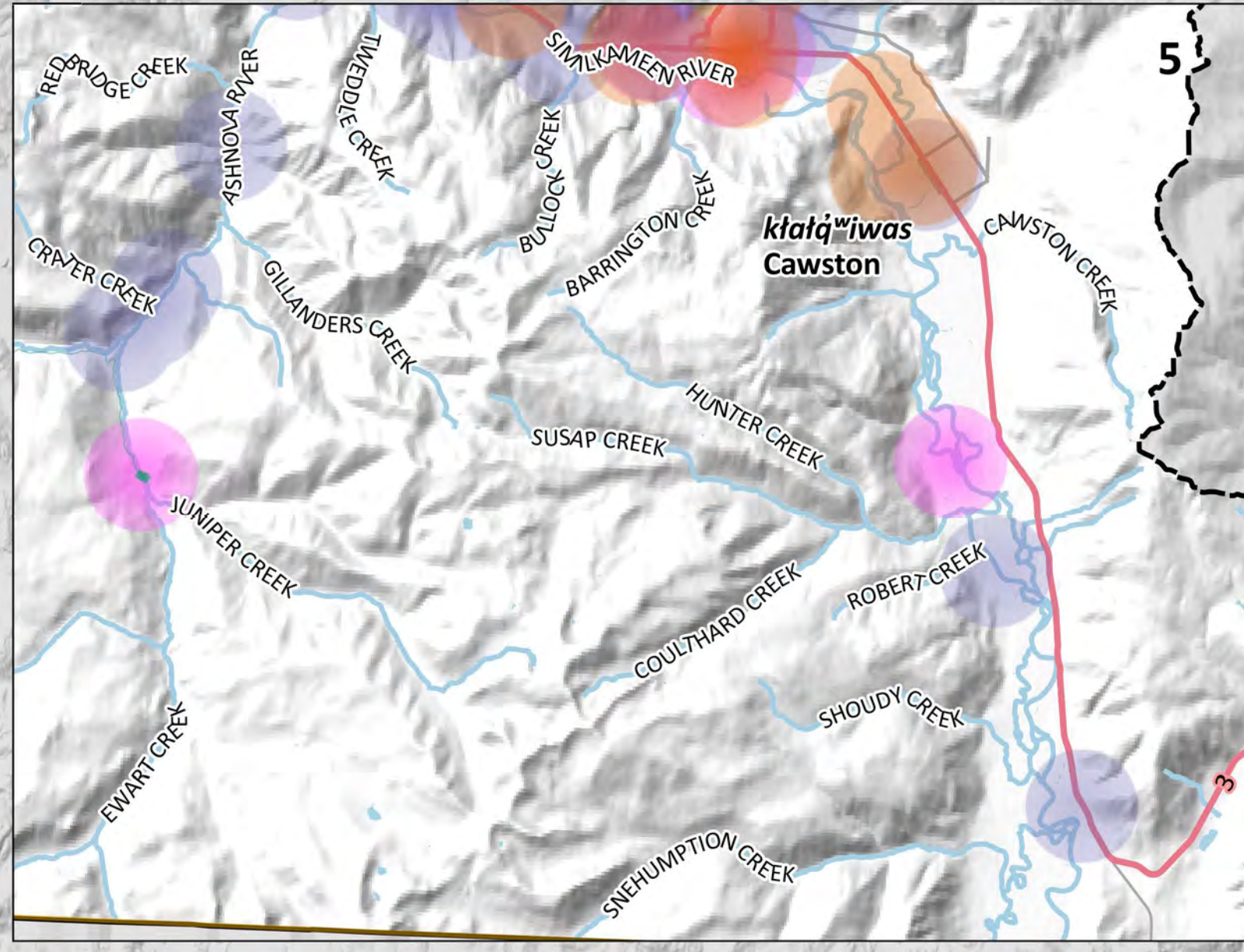
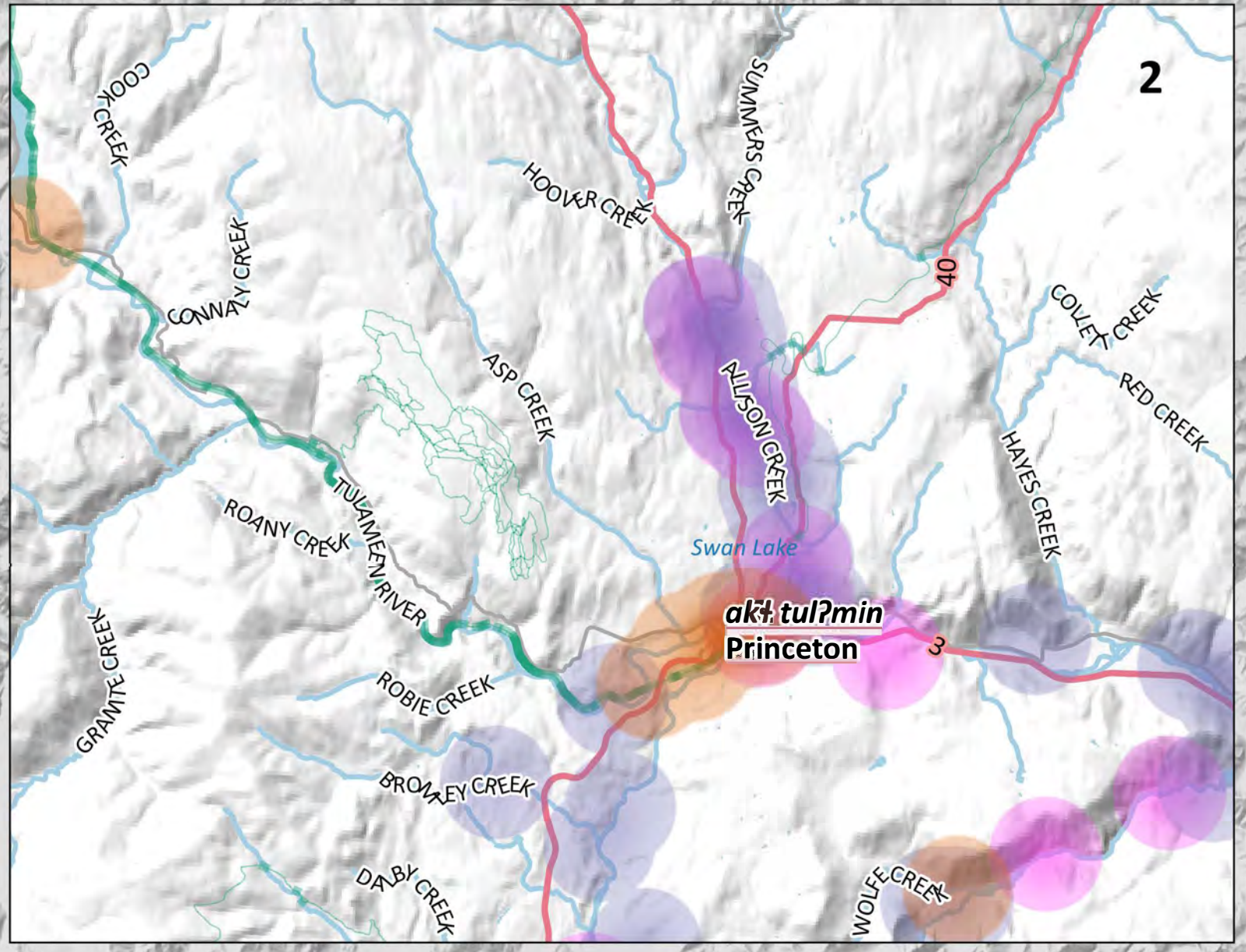
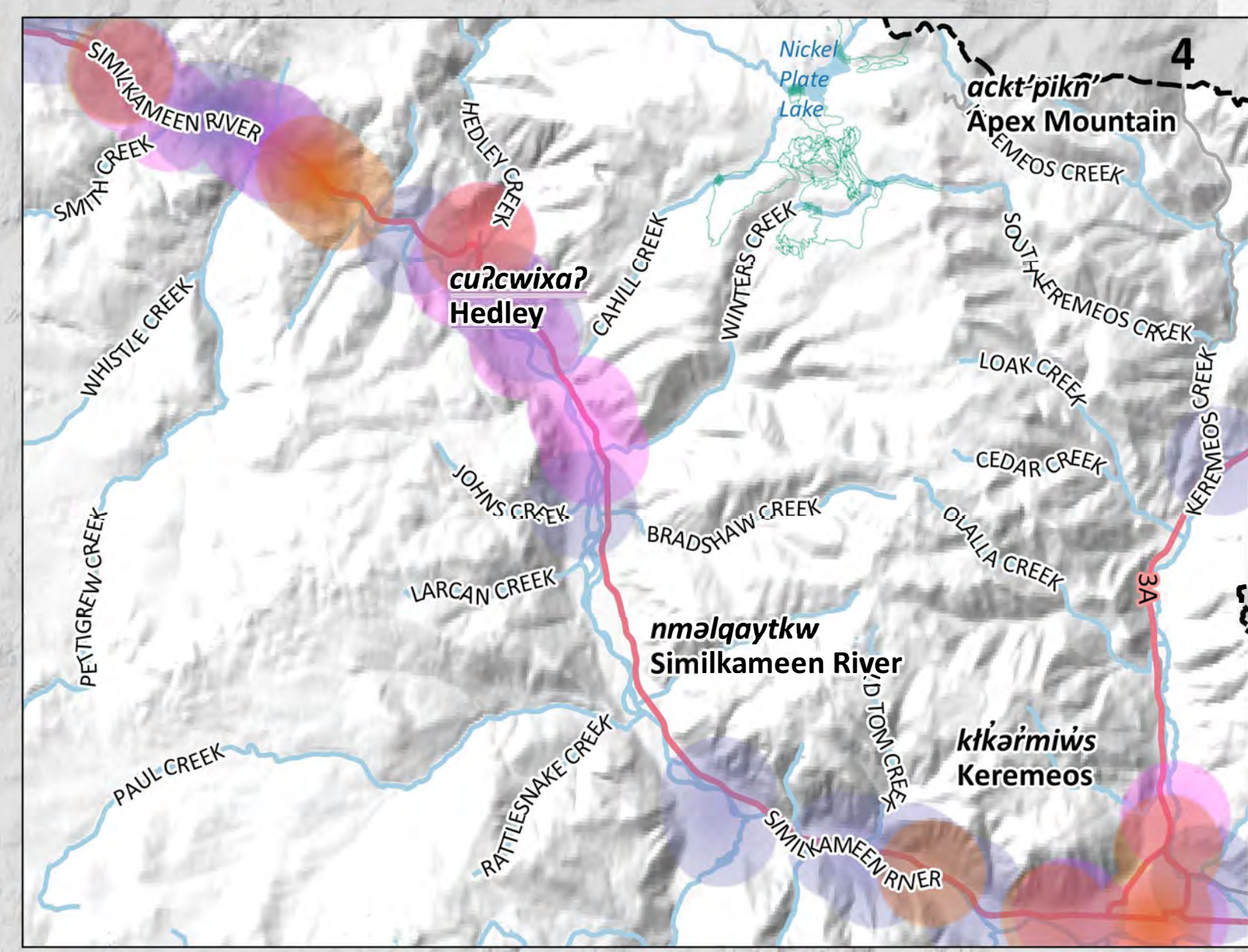
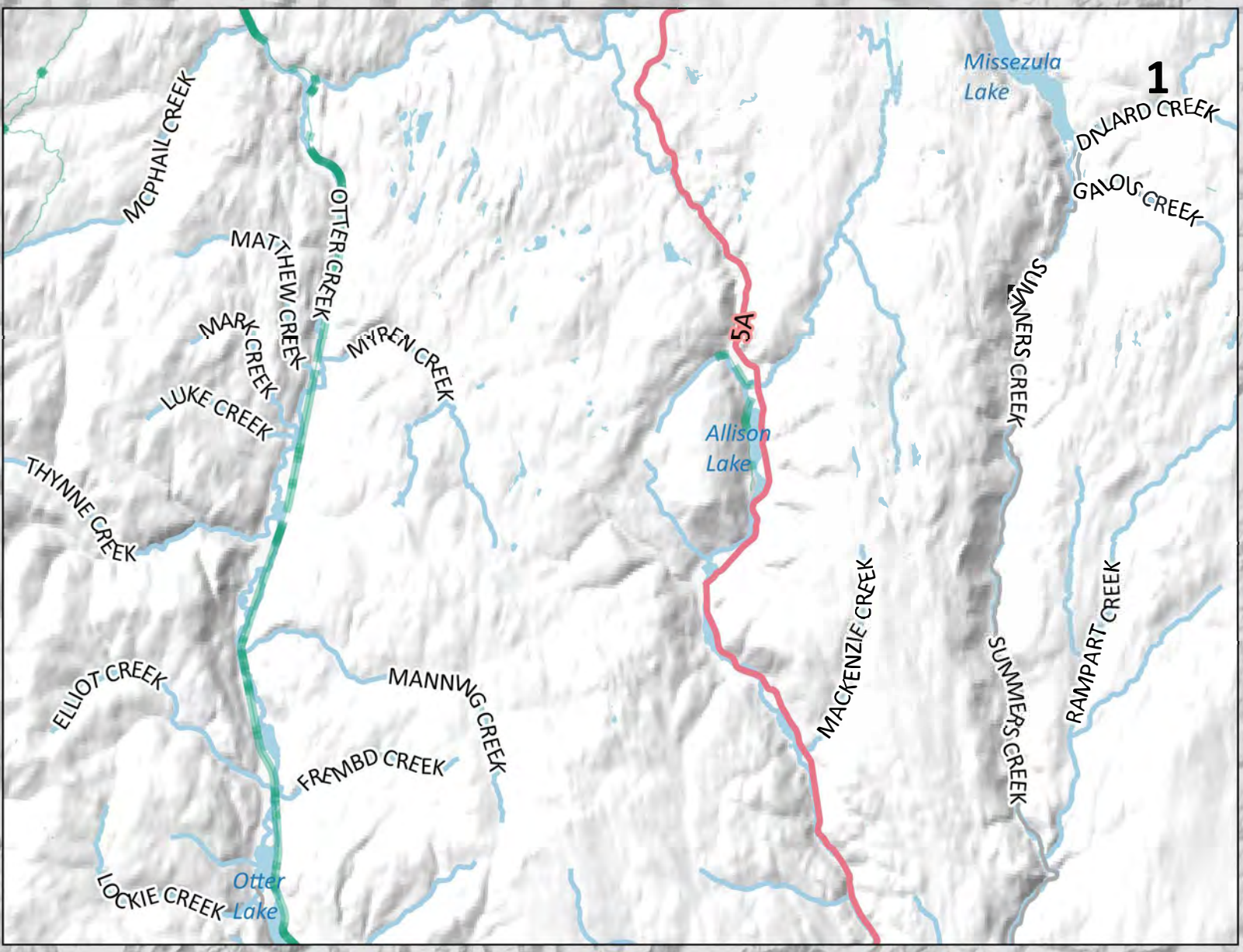
**Syilx (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture - Okanagan**

ANSI D - Map No. C-F-002-002





# Similkameen Map



Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to go to Okanagan map](#)

**Map Notes**

- Map produced by Ebbwater Consulting Inc.
- Cultural amenities have been identified based on the primary land use description. Properties have been selected which are likely to have a significant social or cultural value and includes parks as well as education, social care, and leisure facilities. While this provides an indication of cultural locations the list is not comprehensive.
- Indigenous sites have been generalized using available archaeology data. These data are known to be incomplete, outdated, and inaccurate. The data are a limited representation of valued cultural sites; many other sites of cultural importance to Indigenous people are not shown on this map.
- Cultural (exposure) layers were clipped to the moderate flood hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

**Scale**

**Main Map 1:400,000**  
 0 10 20 30 km

**Inset Maps 1:150,000**  
 0 5 10 15 km

**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	● Cultural Amenities
- - - Okanagan-Similkameen Boundary	● Sylix Sites
— Canada - US Border	● Non-Sylix Archaeology
■ Lakes	— Affected Recreation Trail
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

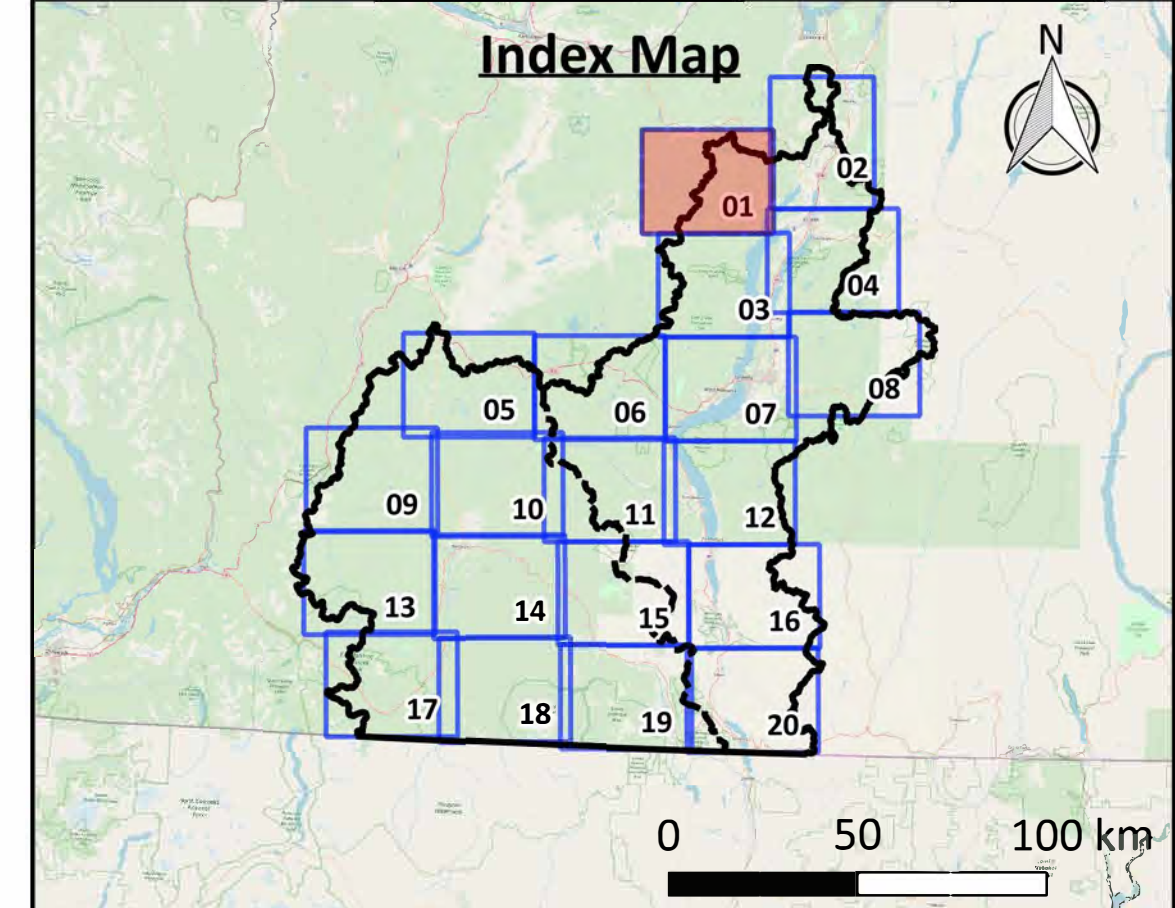
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture - Similkameen**

ANSI D - Map No. C-F-002-003



**Zoom-In Map**



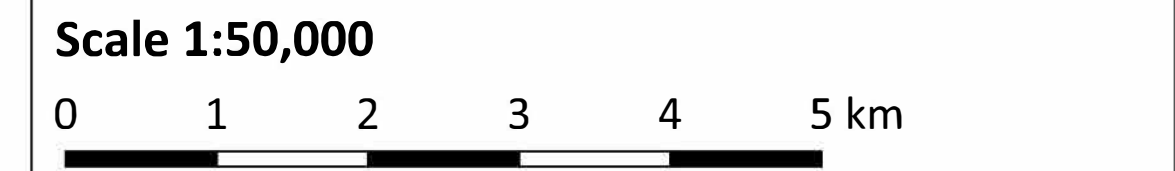
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

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- Sites of particular cultural importance to Indigenous communities have not been presented on this map due to the sensitivity of this data.
- Cultural (exposure) layers were clipped to the moderate to high hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

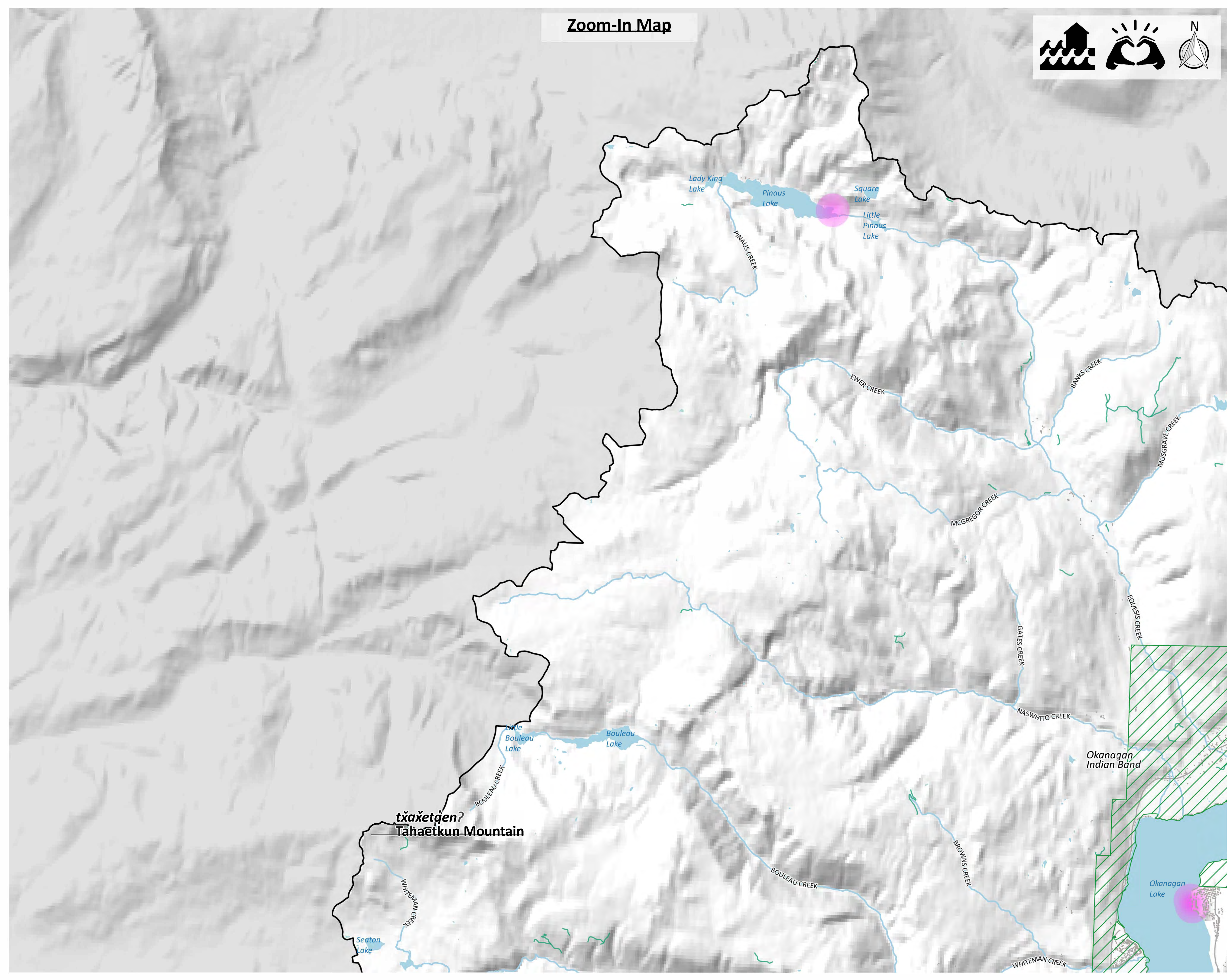


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	Outdoor Space and Recreation
— Canada - US Border	Social and Religious Centers
Reserves	Affected Recreation Trail
Building Footprints	Non-Sylix Archaeology
Lakes	
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

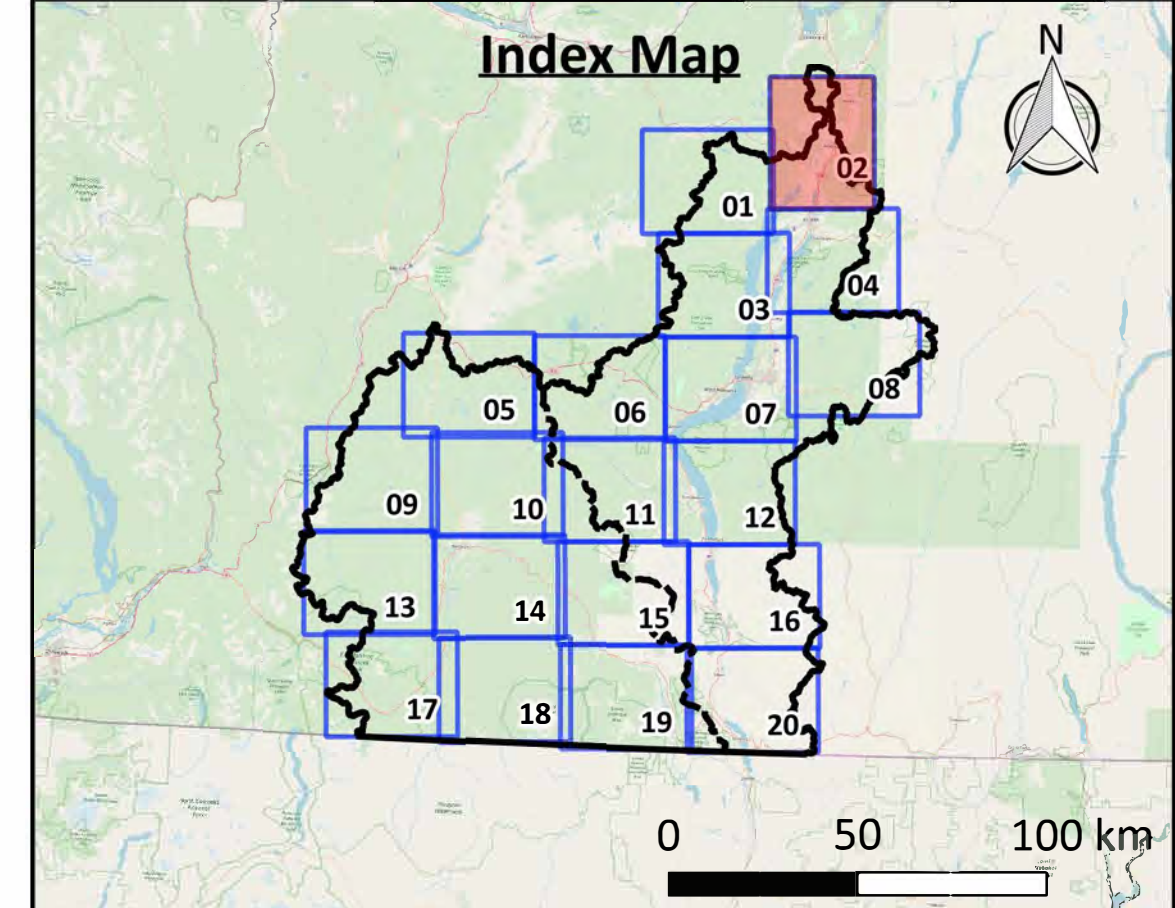
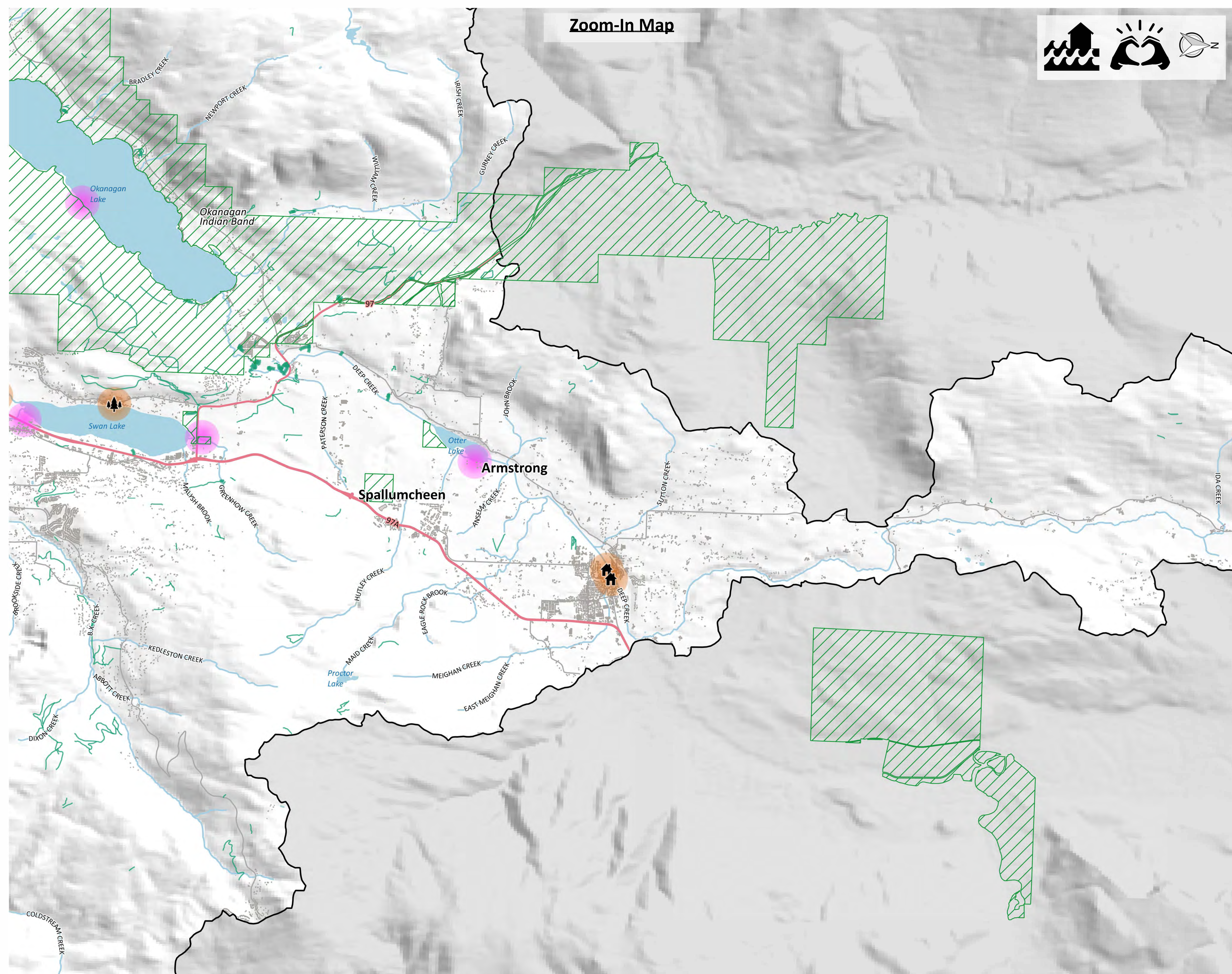
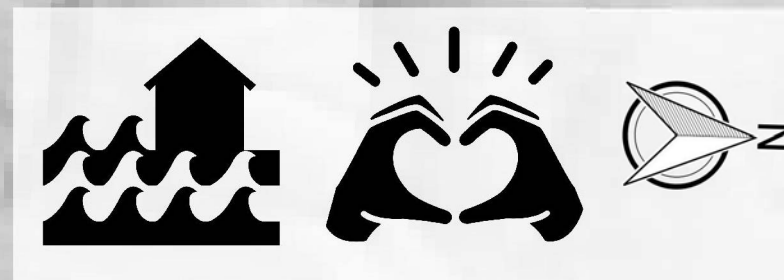
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 01 of 20**

ANSI D - Map No. C-D-003-001





**Zoom-In Map**



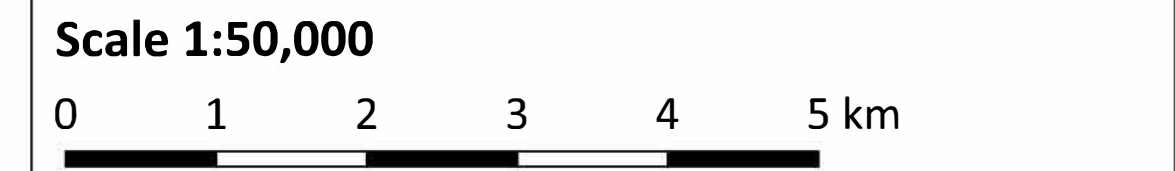
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

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**Data Sources**

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- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



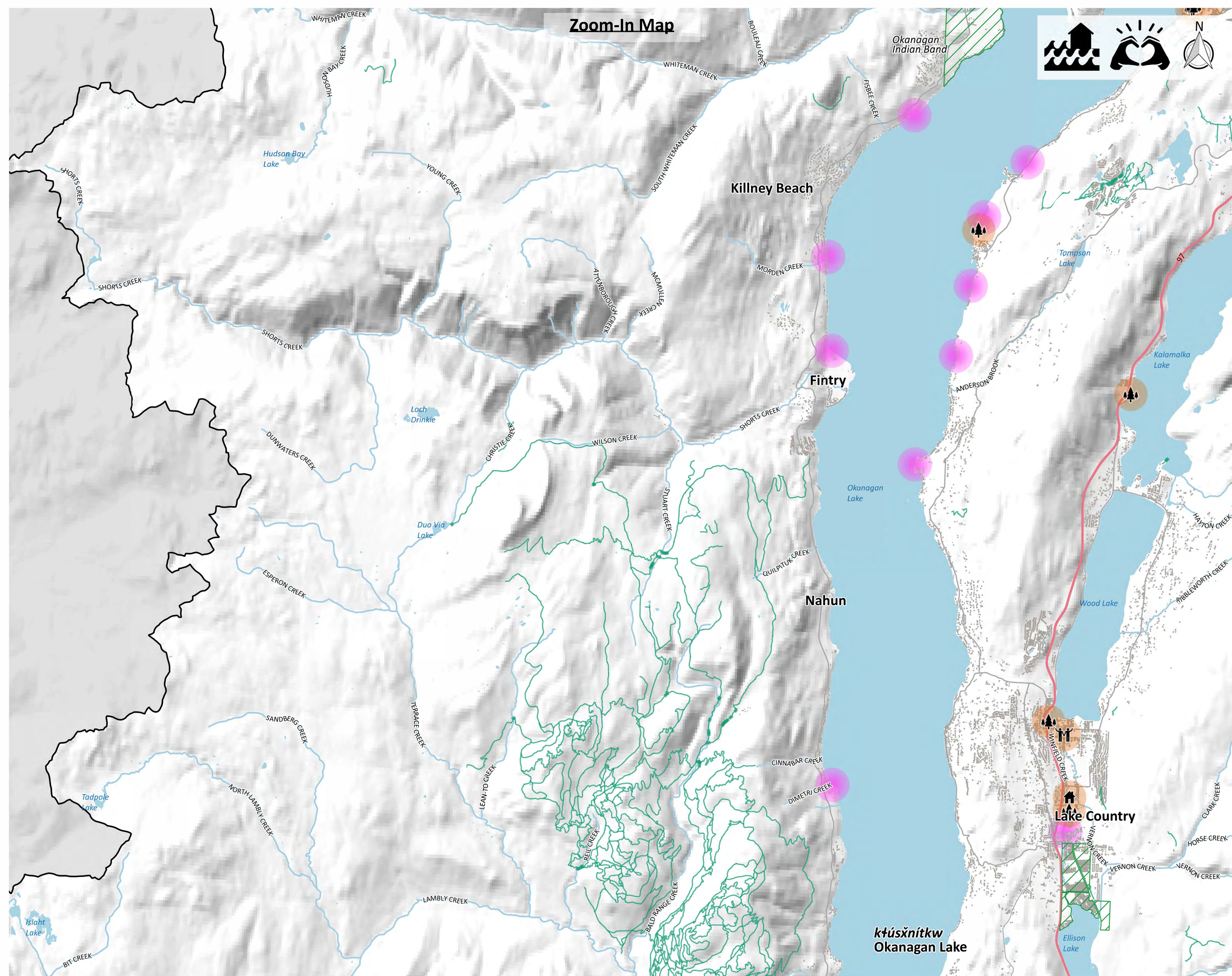
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

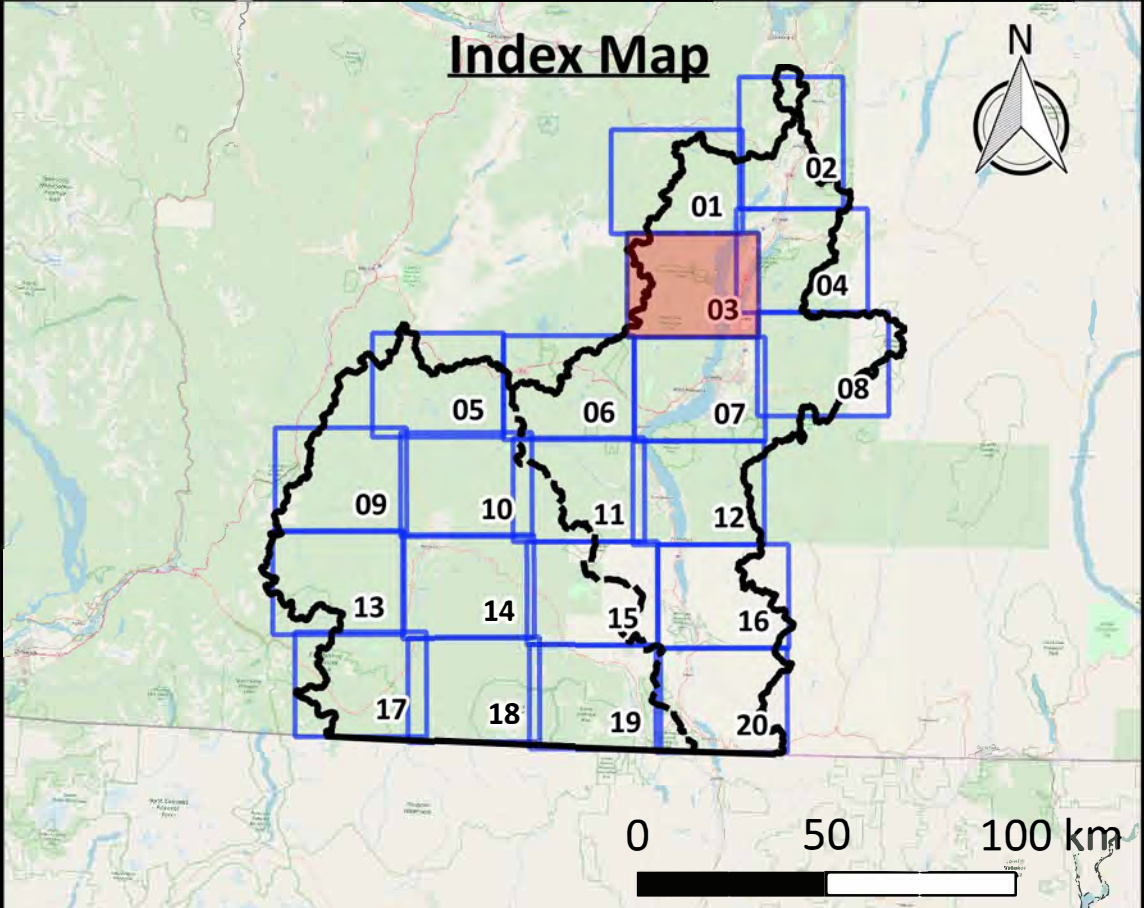
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 02 of 20**

ANSI D - Map No. C-D-003-002





**Zoom-In Map**



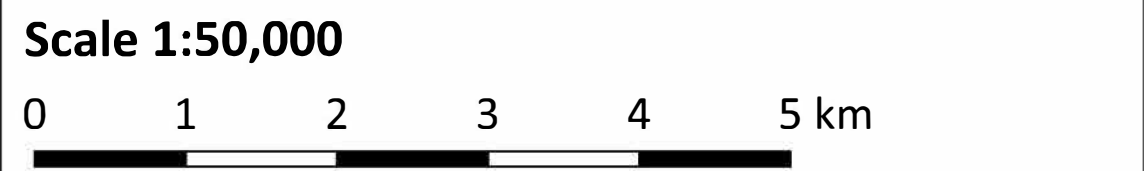
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

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**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



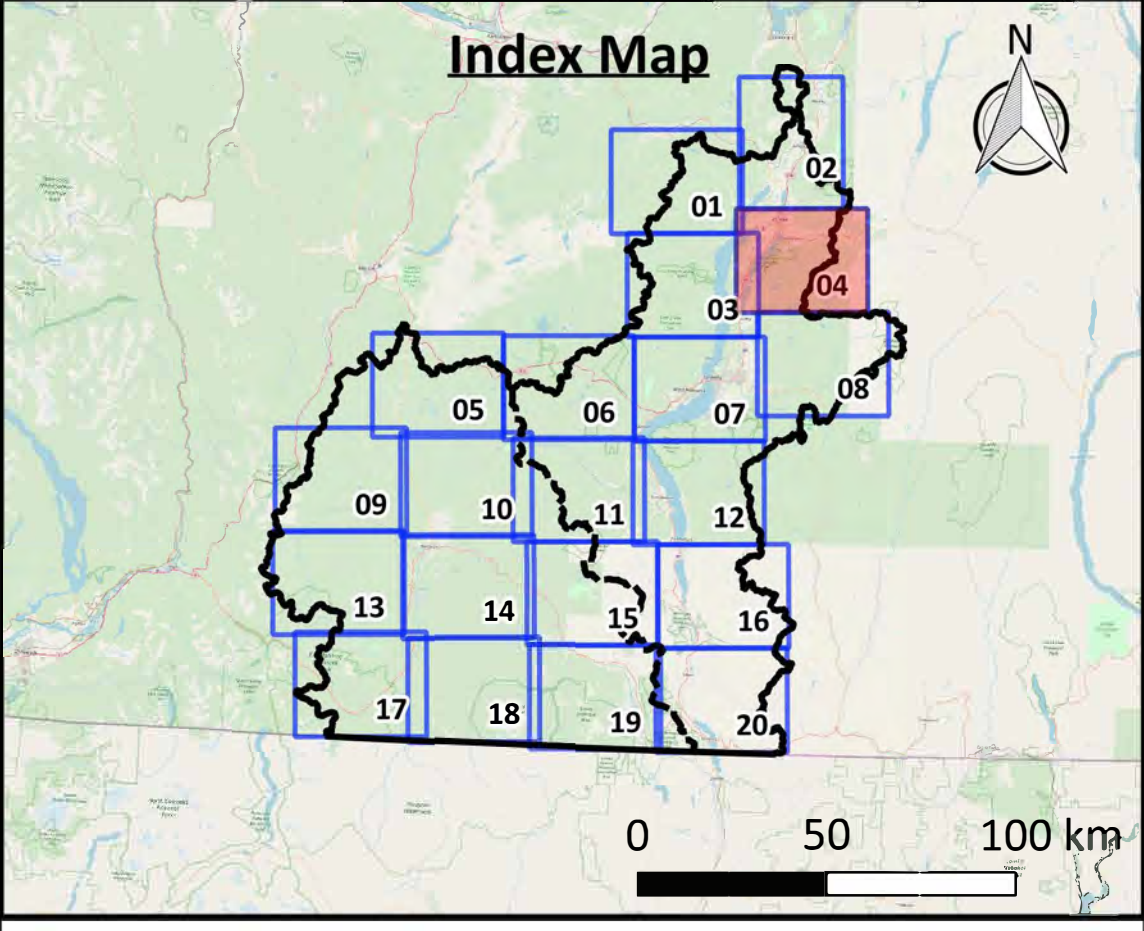
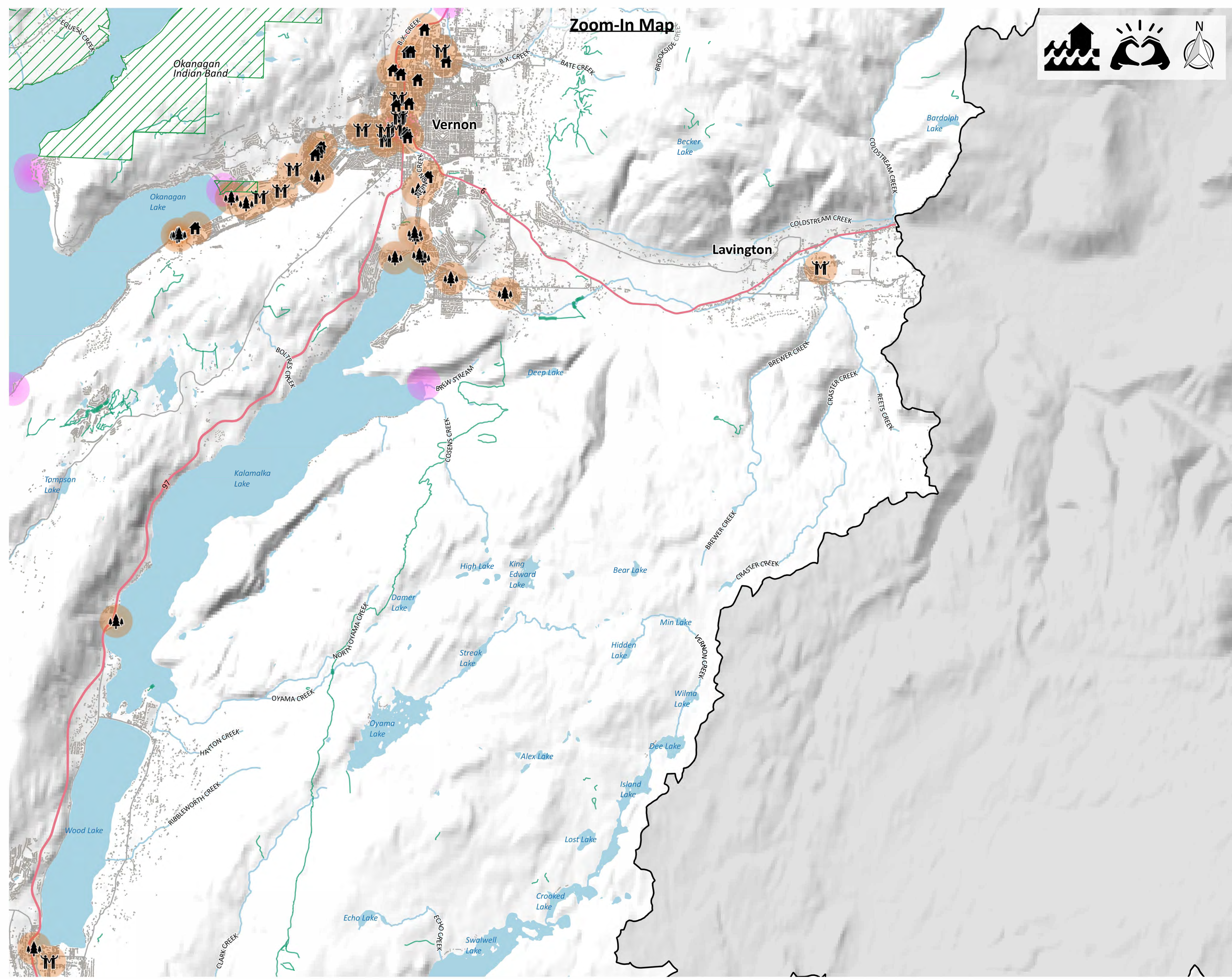
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌳 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟡 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 03 of 20**

ANSI D - Map No. C-D-003-003





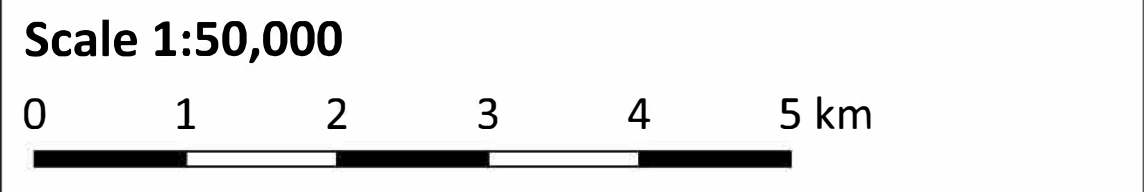
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

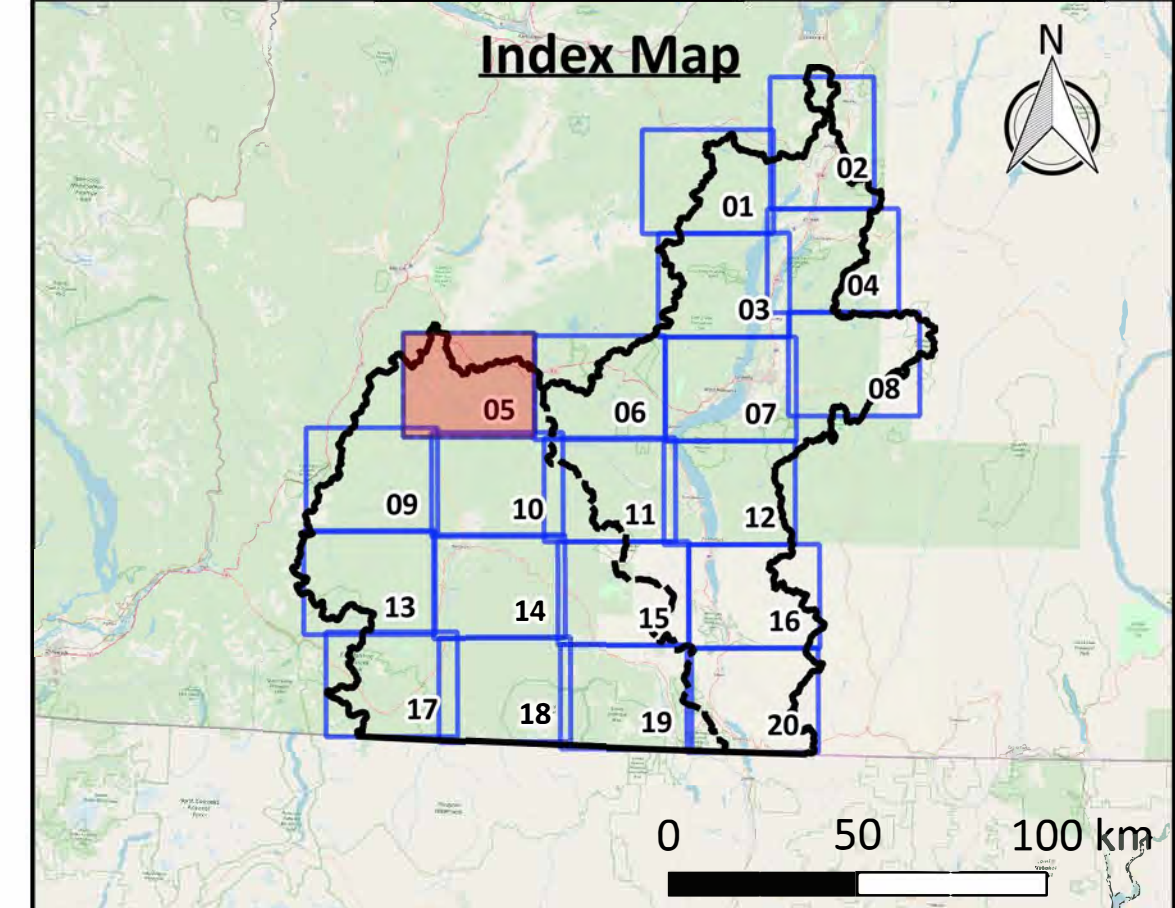
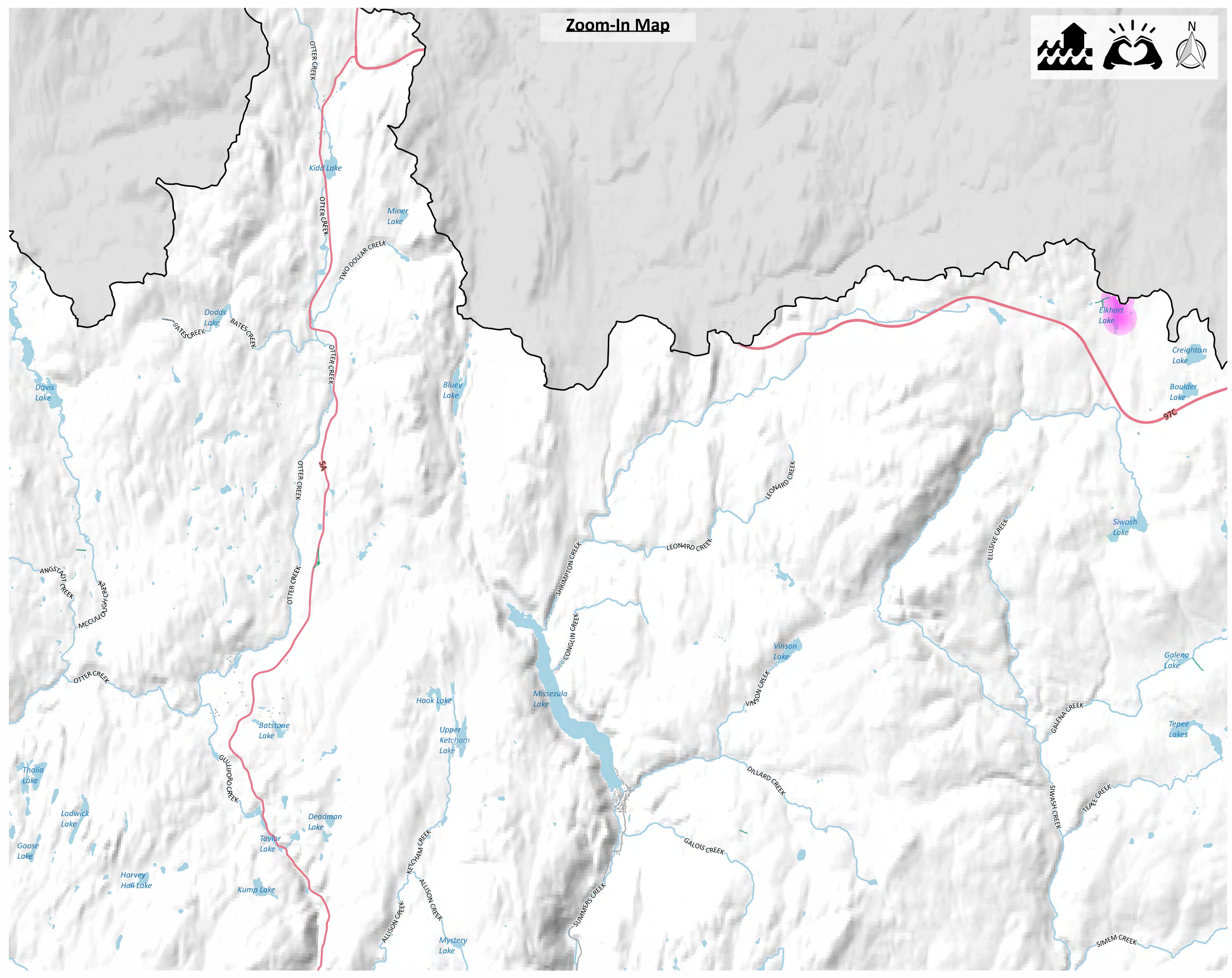
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 04 of 20**

ANSI D - Map No. C-D-003-004



**Zoom-In Map**



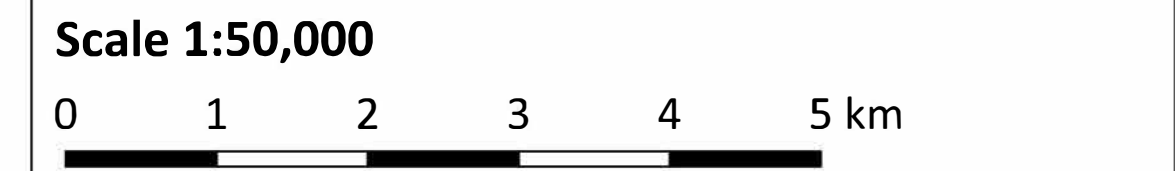
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

- Map produced by Ebbwater Consulting Inc.
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- Sites of particular cultural importance to Indigenous communities have not been presented on this map due to the sensitivity of this data.
- Cultural (exposure) layers were clipped to the moderate flood hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Indoor Recreation and Facilities
— Canada - US Border	🌳 Outdoor Space and Recreation
▭ Reserves	👤 Social and Religious Centers
▭ Building Footprints	🚶 Affected Recreation Trail
▭ Lakes	🟡 Non-Sylix Archaeology
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

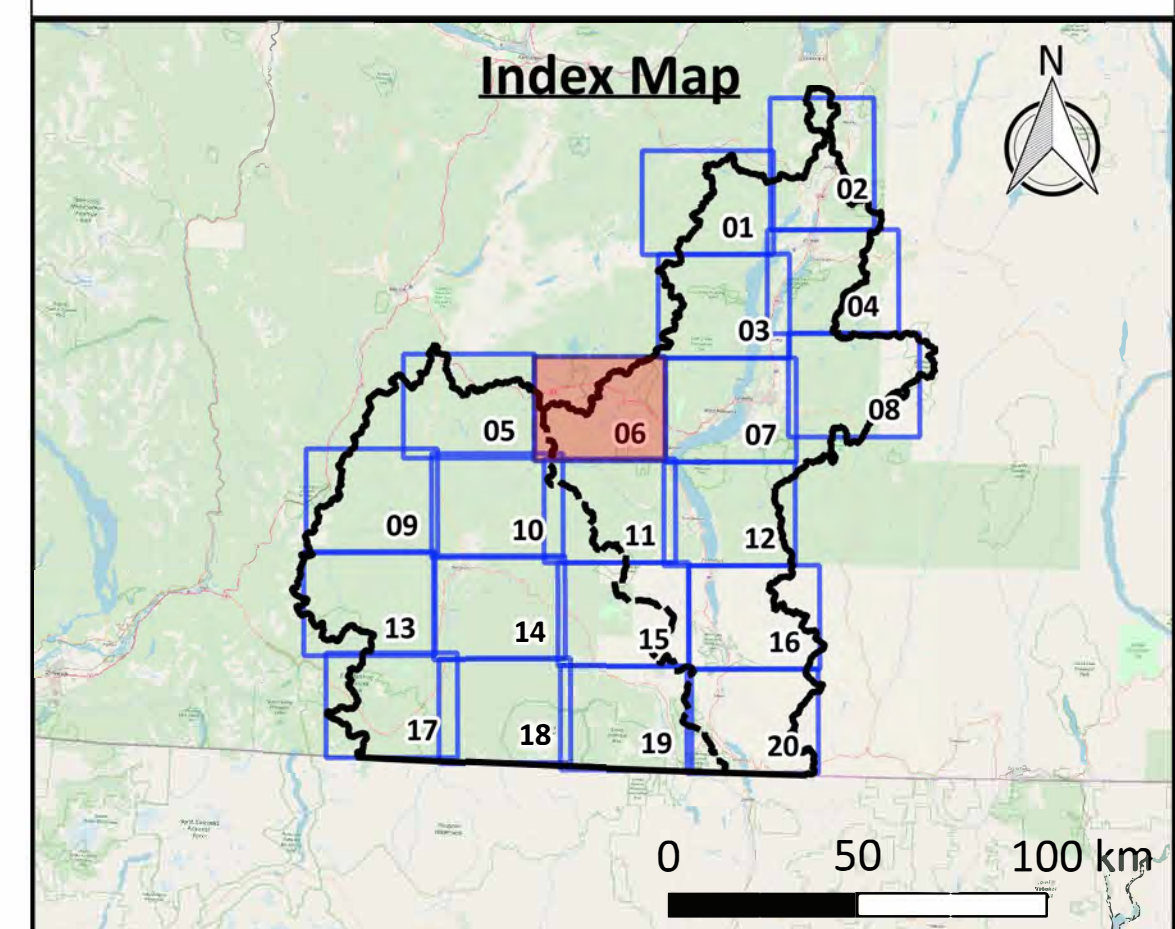
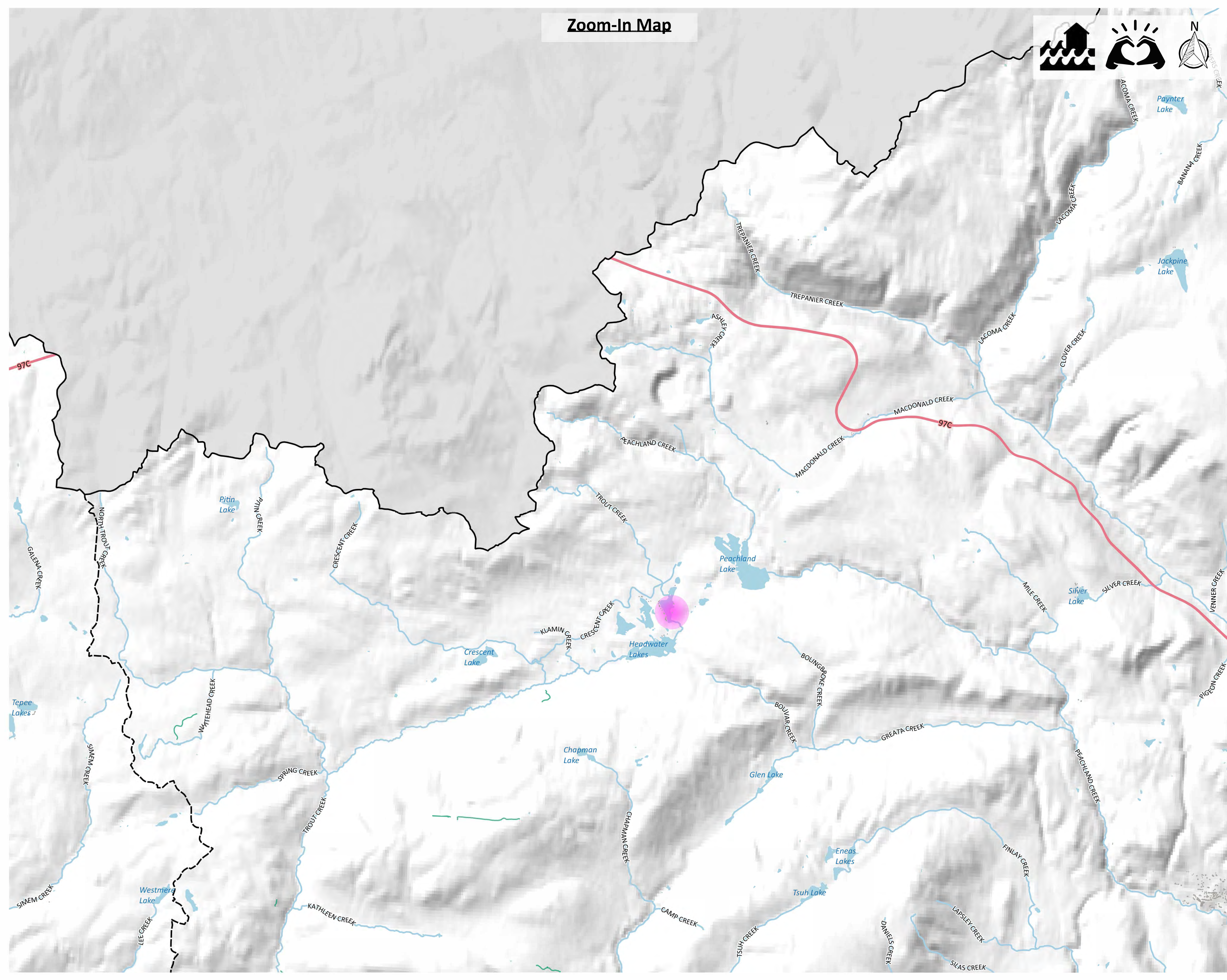
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 05 of 20**

ANSI D - Map No. C-D-003-005



**Zoom-In Map**



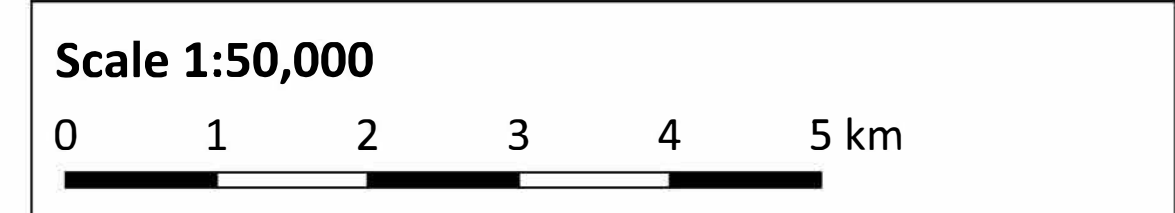
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

- Map produced by Ebbwater Consulting Inc.
- Cultural amenities have been identified based on the primary land use description. Properties have been selected which are likely to have a significant social or cultural value and includes parks as well as education, social care, and leisure facilities. While this provides an indication of cultural locations the list is not comprehensive.
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- Cultural (exposure) layers were clipped to the moderate flood hazard area. The hazard layer is shown in the hazard maps, and was produced by Ebbwater Consulting Inc. The method used to produce the hazard layer is described in the Quantitative Study.

**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



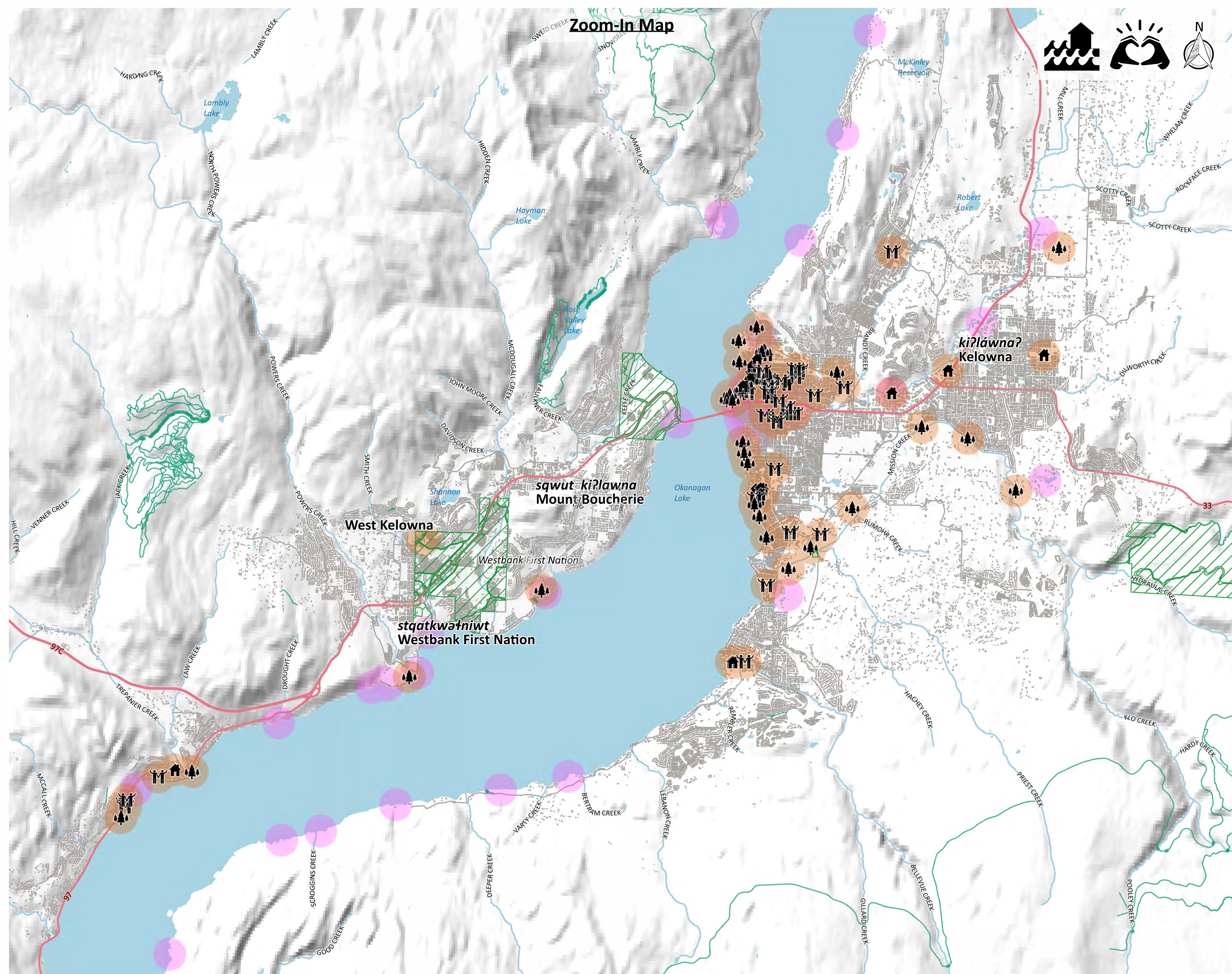
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	Outdoor Space and Recreation
— Canada - US Border	Social and Religious Centers
Reserves	Affected Recreation Trail
Building Footprints	Non-Sylix Archaeology
Lakes	
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

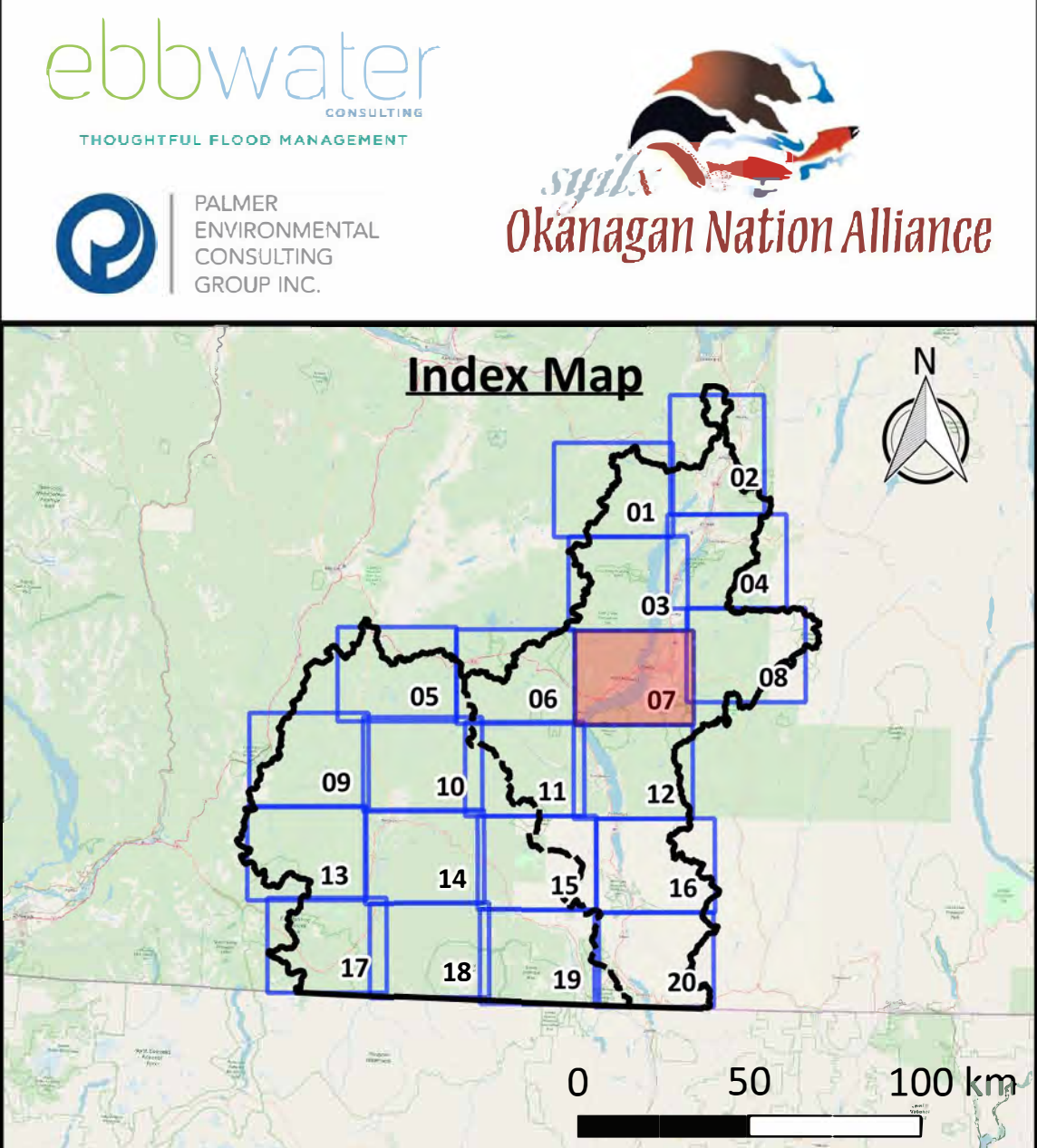
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 06 of 20**

ANSI D - Map No. C-D-003-006





**Zoom-In Map**



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**Map Notes**

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**Data Sources**

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- 2- Cultural Buildings: BC Assessment and Westbank First Nation.
- 3- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- 4- Sylix Place Names: Okanagan Nation Alliance.
- 5- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



**Legend**

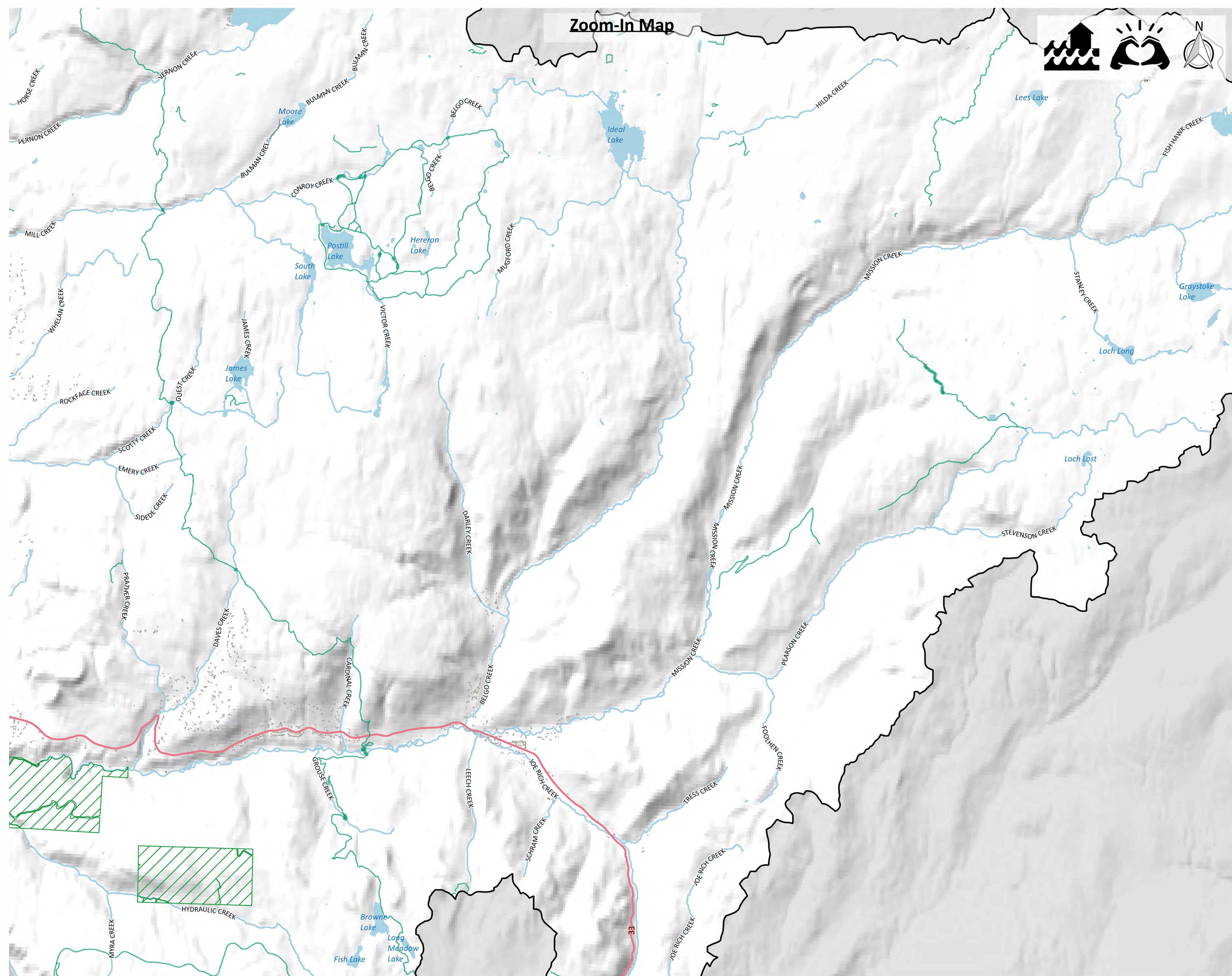
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

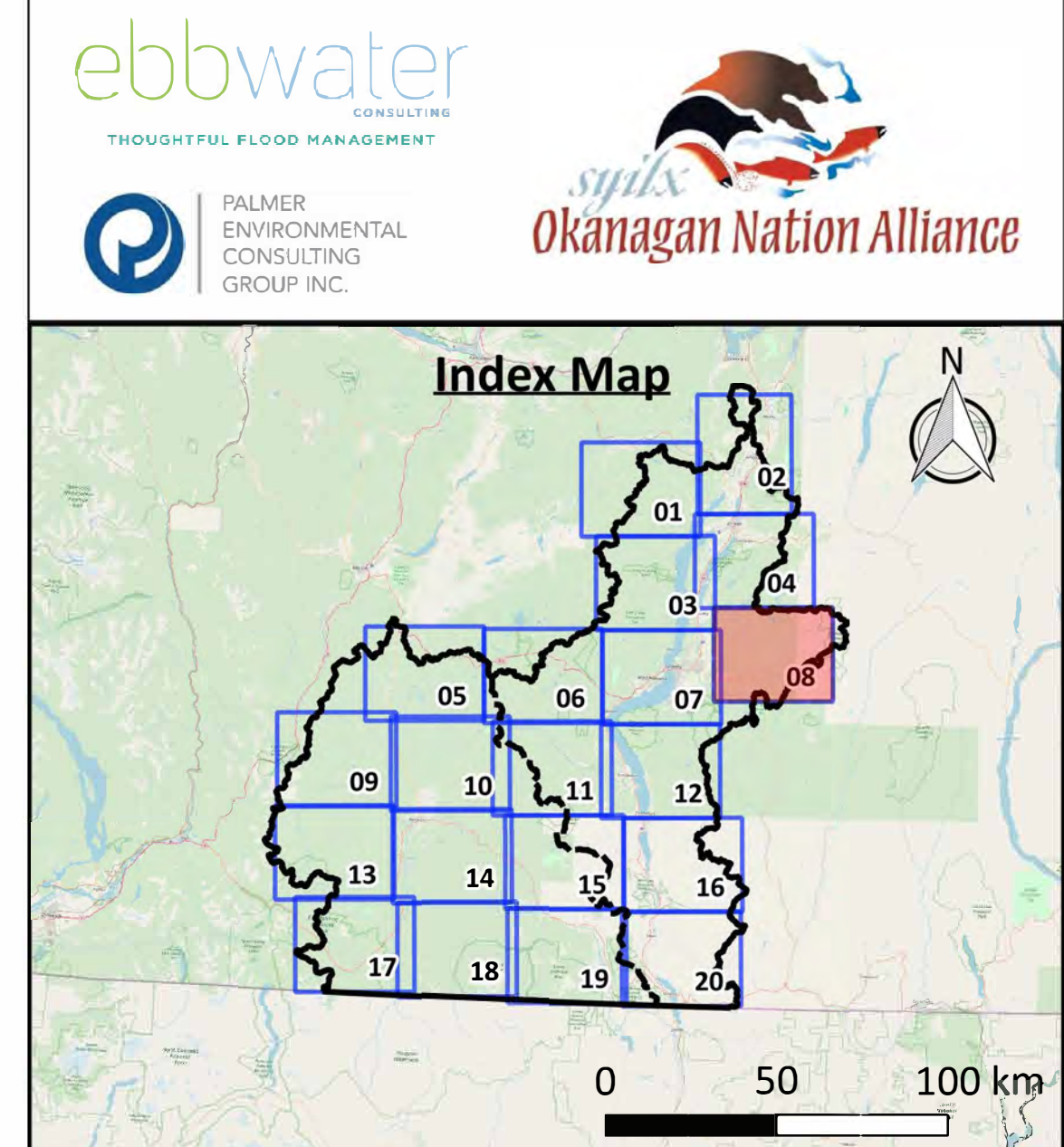
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 07 of 20**

ANSI D - Map No. C-D-003-007





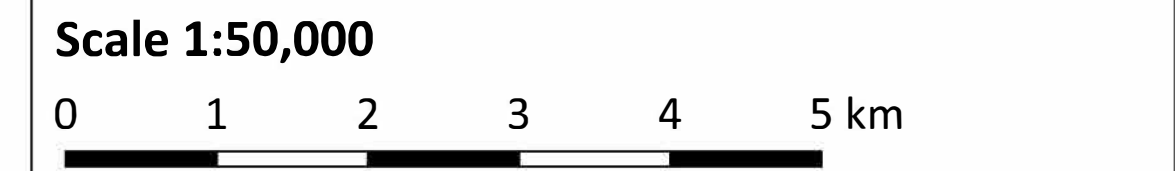
**Zoom-In Map**



Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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  - Cultural Buildings: BC Assessment and Westbank First Nation.
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  - Sylix Place Names: Okanagan Nation Alliance.
  - Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
🇨🇦 Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🔍 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 08 of 20**

ANSI D - Map No. C-D-003-008



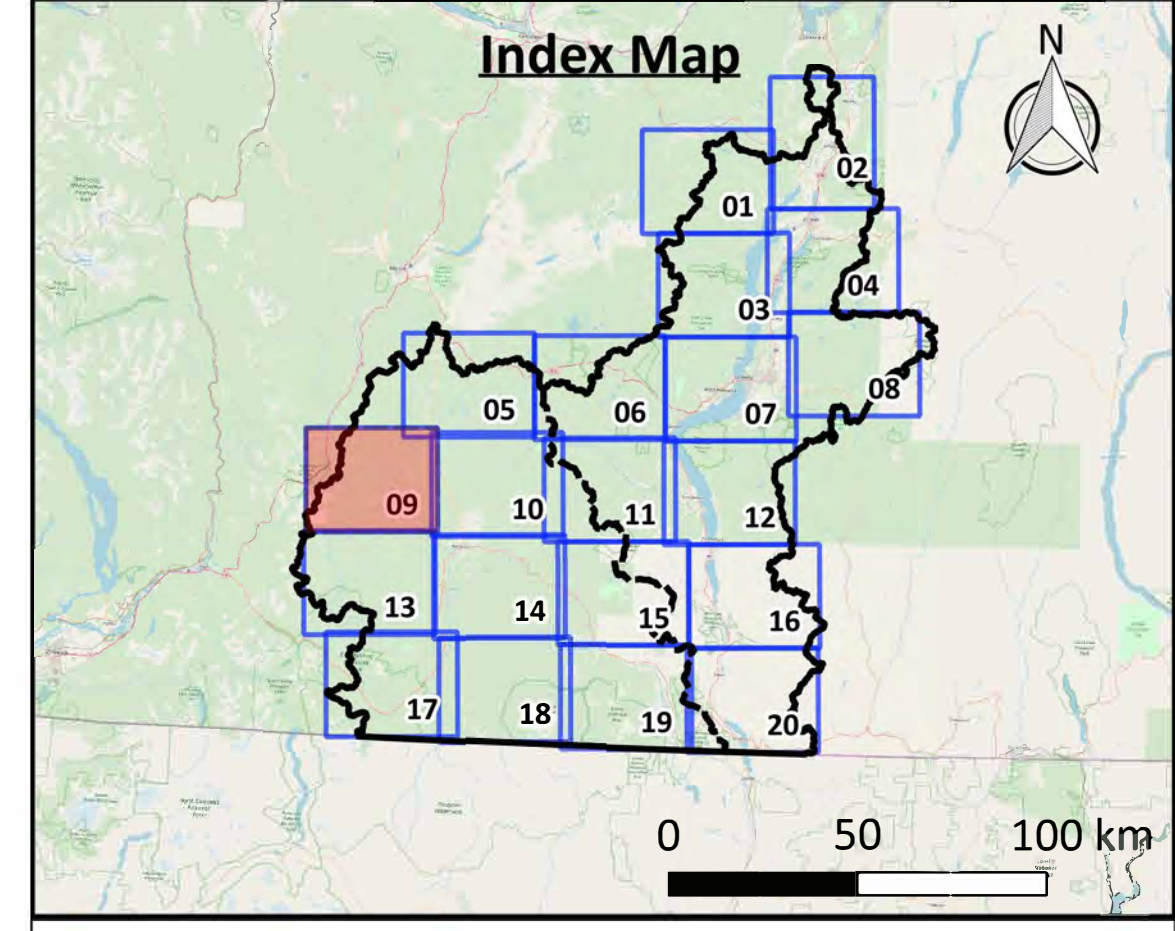
**Zoom-In Map**



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**sylix**  
Okanagan Nation Alliance

PALMER ENVIRONMENTAL CONSULTING GROUP INC.



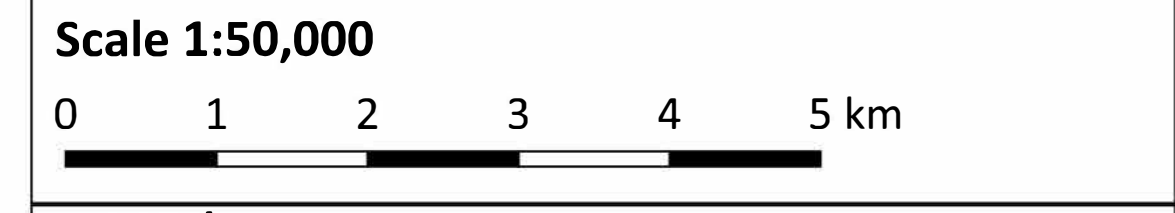
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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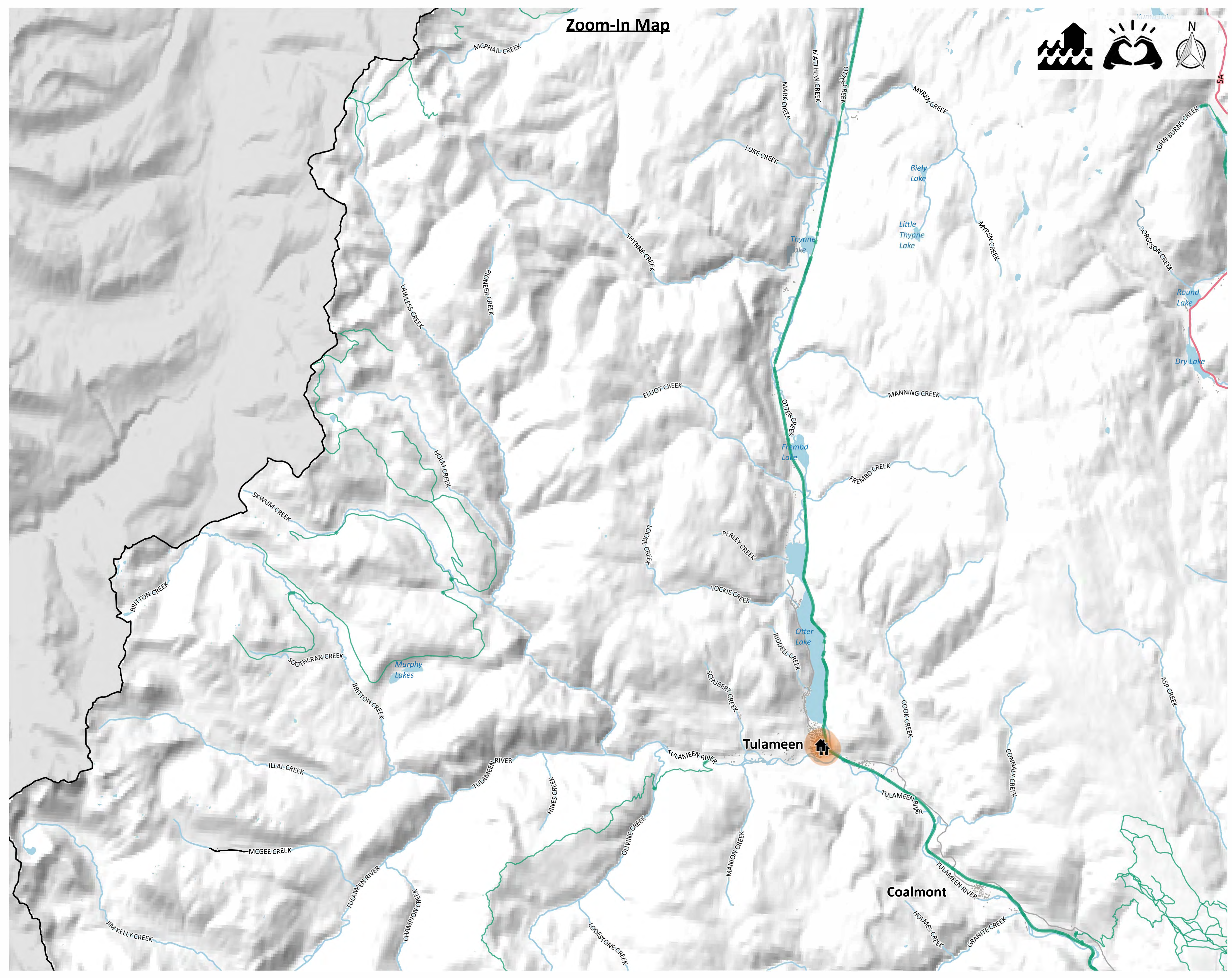


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🔍 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

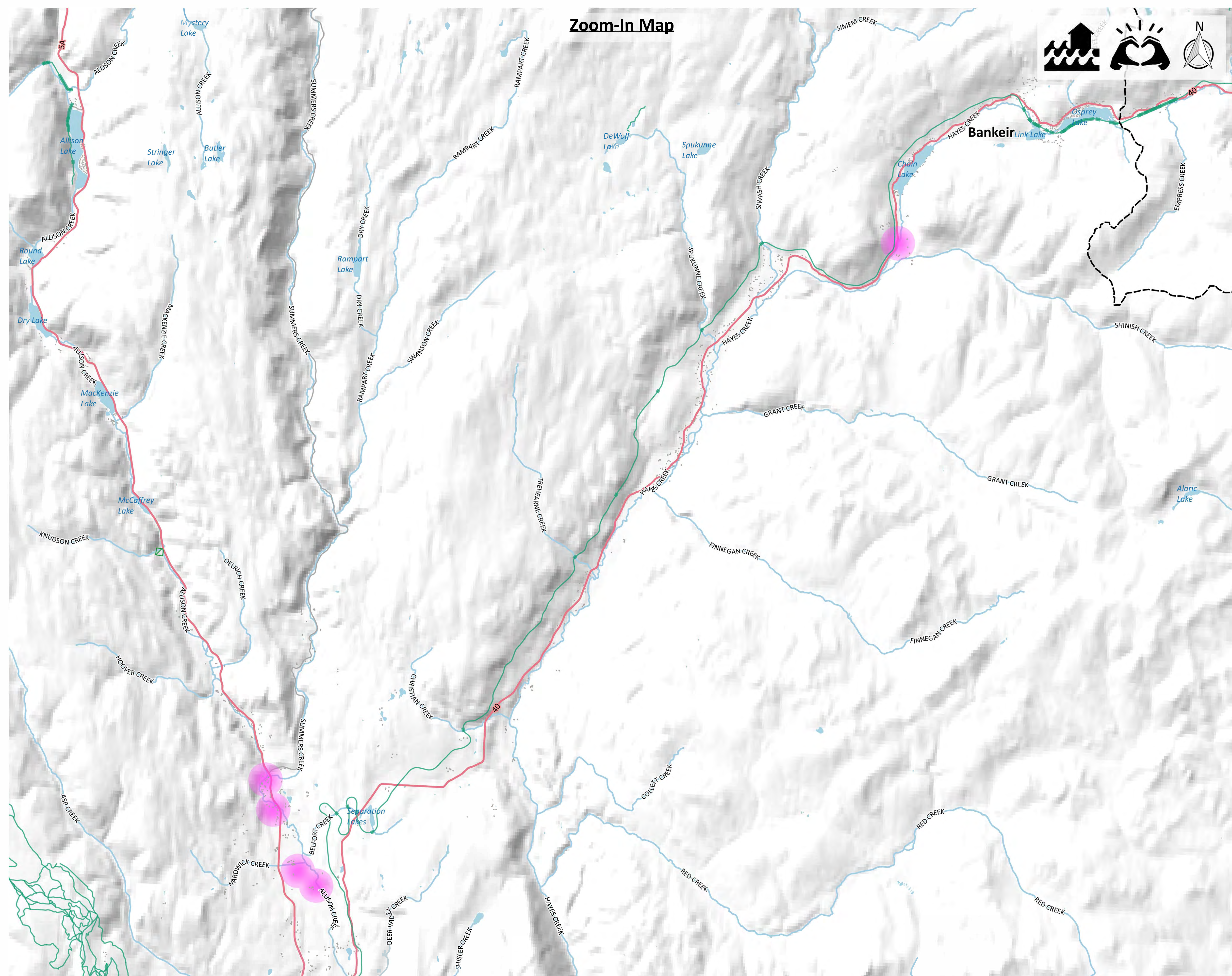
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 09 of 20**

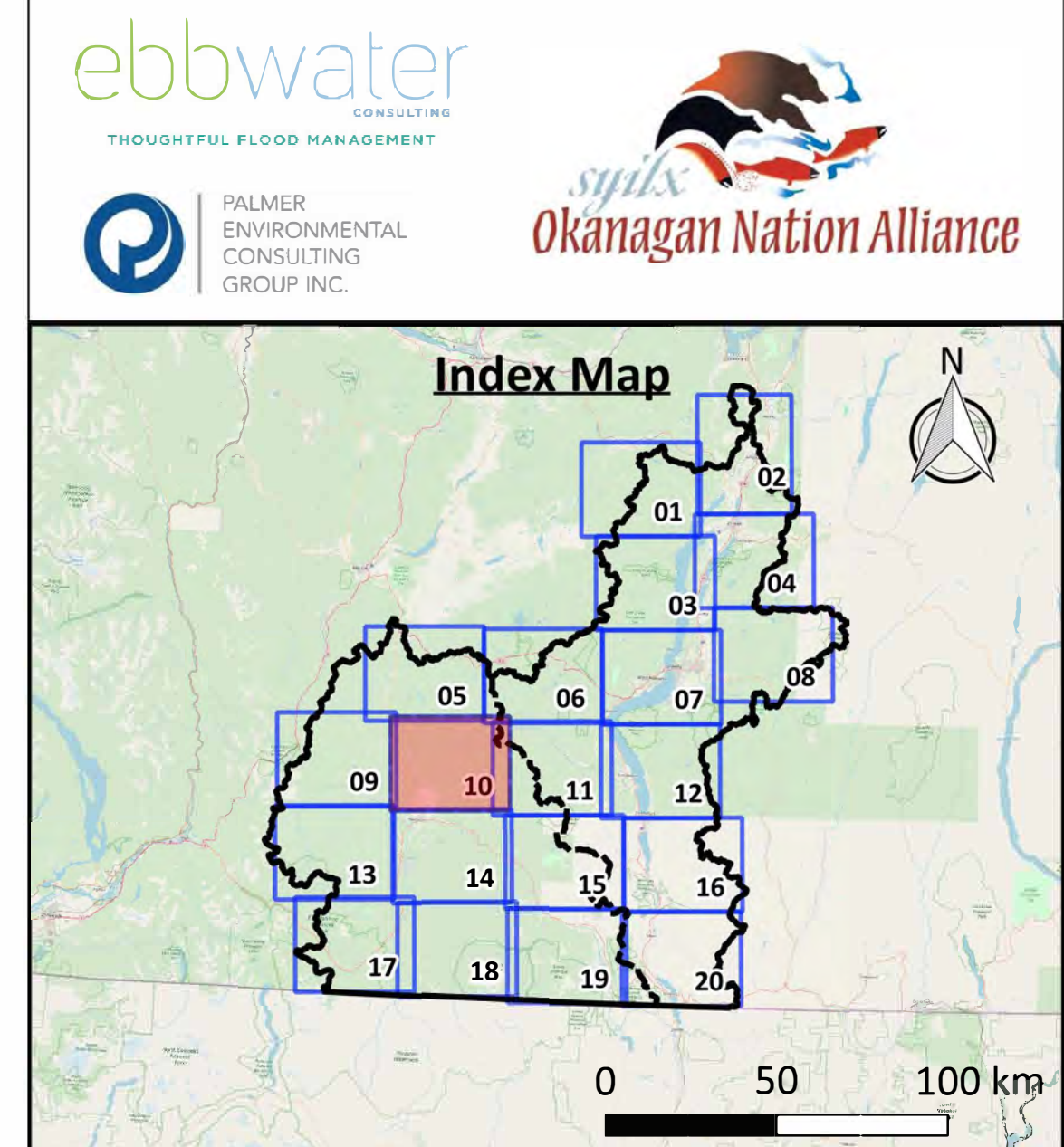
ANSI D - Map No. C-D-003-009







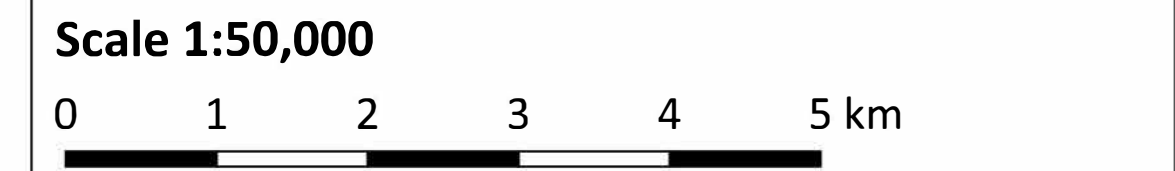
**Zoom-In Map**



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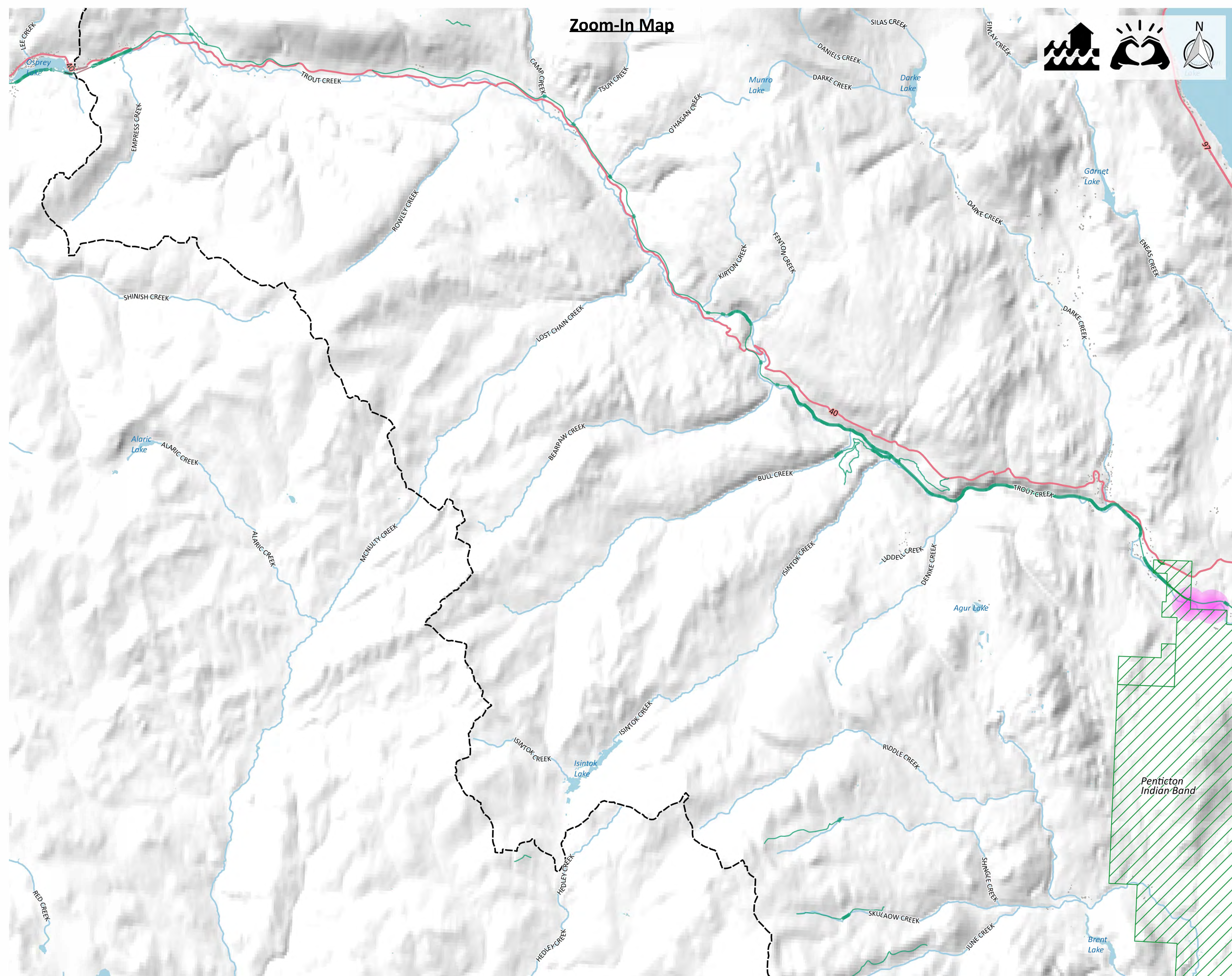
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
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**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 10 of 20**

ANSI D - Map No. C-D-003-010





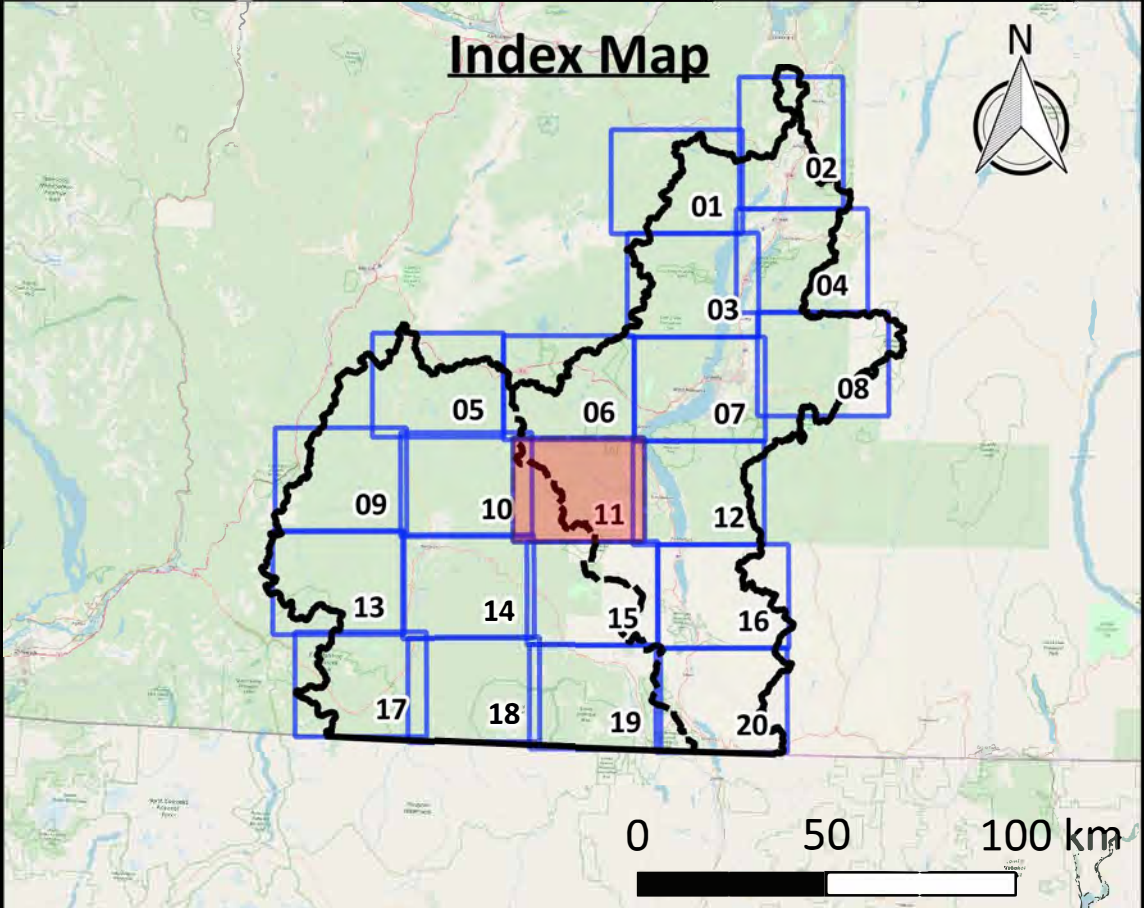
**Zoom-In Map**



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**Sylix**  
Okanagan Nation Alliance



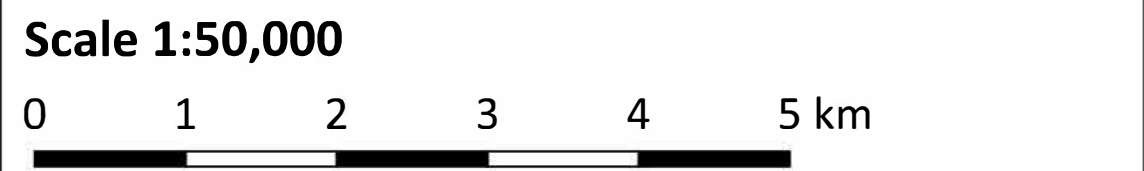
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[Click here to return to Similkameen map](#)

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Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	🚶 Affected Recreation Trail
▨ Building Footprints	🔴 Non-Sylix Archaeology
▨ Lakes	
▨ Watercourses	
▨ Highway	
▨ Major Road	
▨ Recreation Trail	

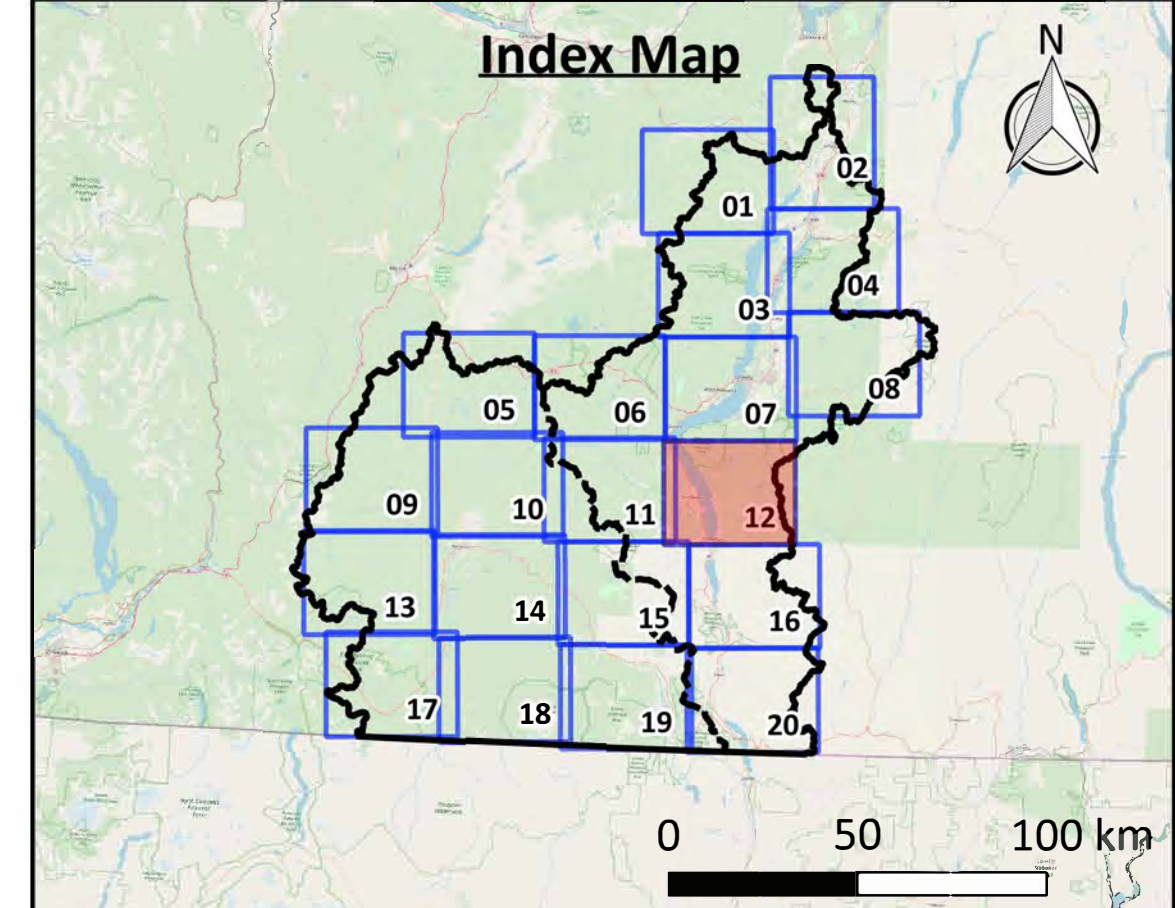
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 11 of 20**

ANSI D - Map No. C-D-003-011



# Zoom-In Map



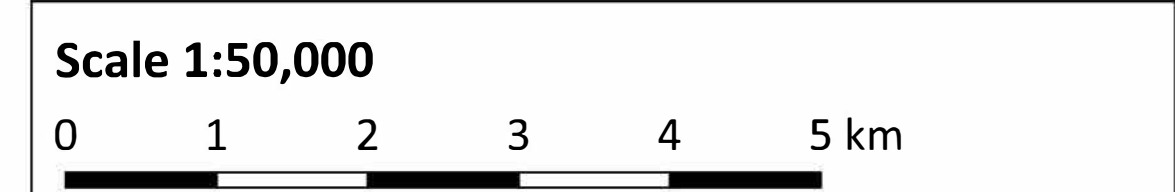
[Click above map tile for Zoom-In map](#)  
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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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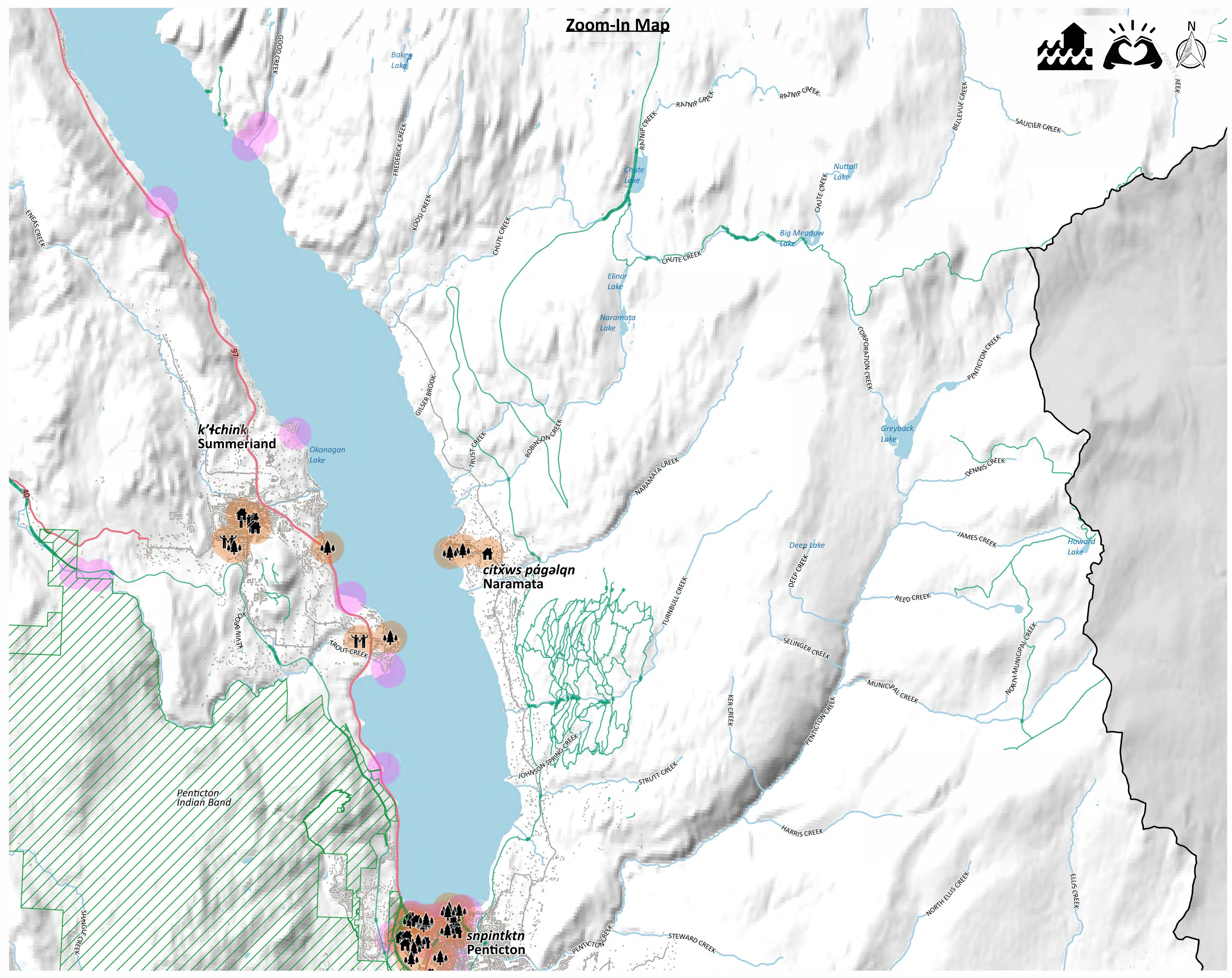


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

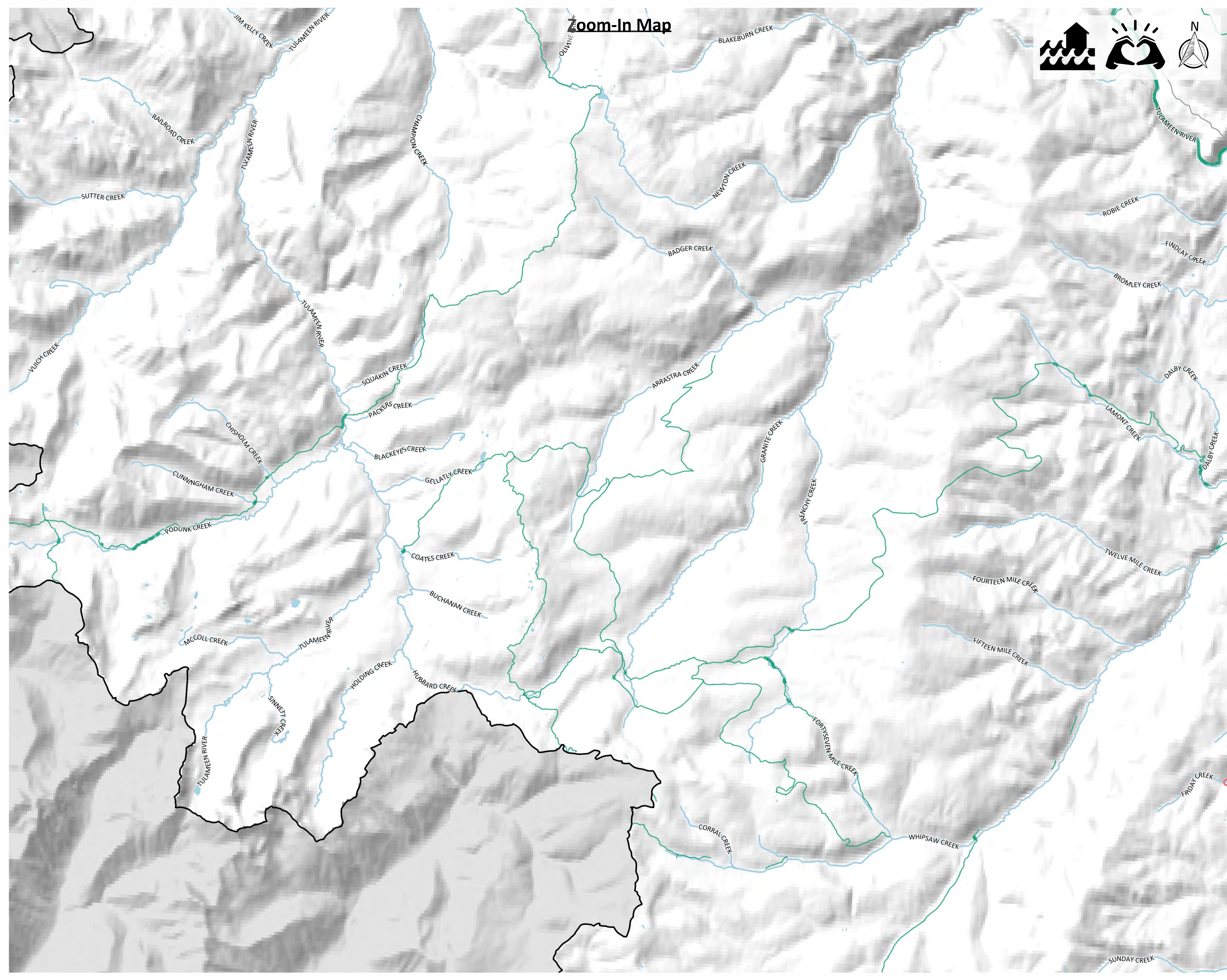
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 12 of 20**

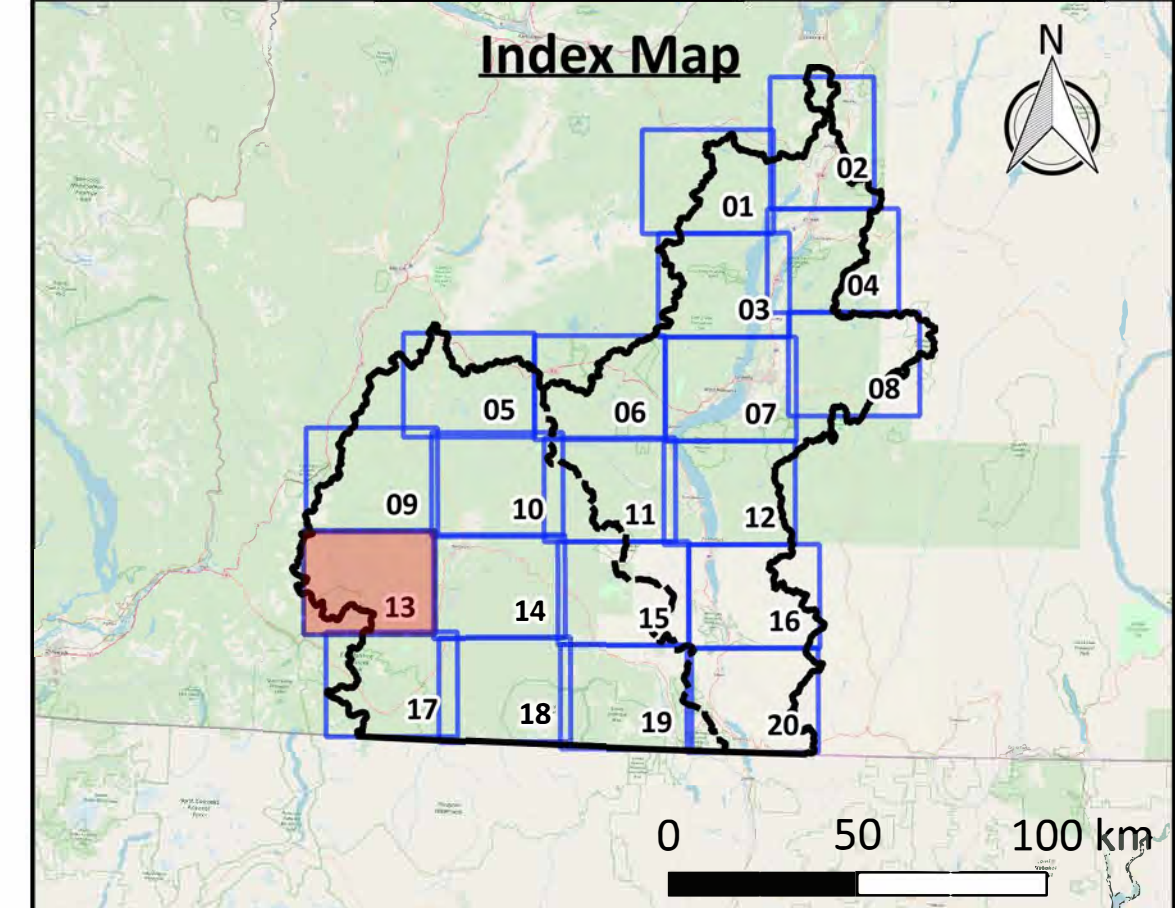
ANSI D - Map No. C-D-003-012







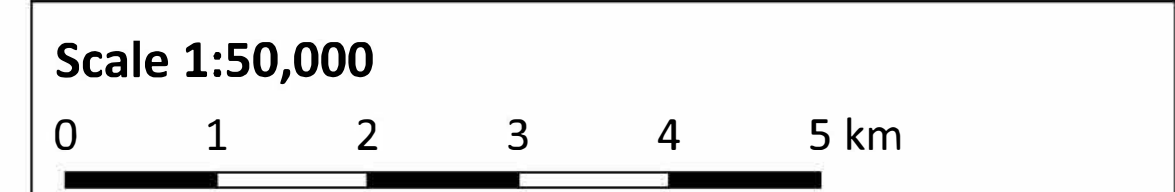
**Zoom-In Map**

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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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**Legend**

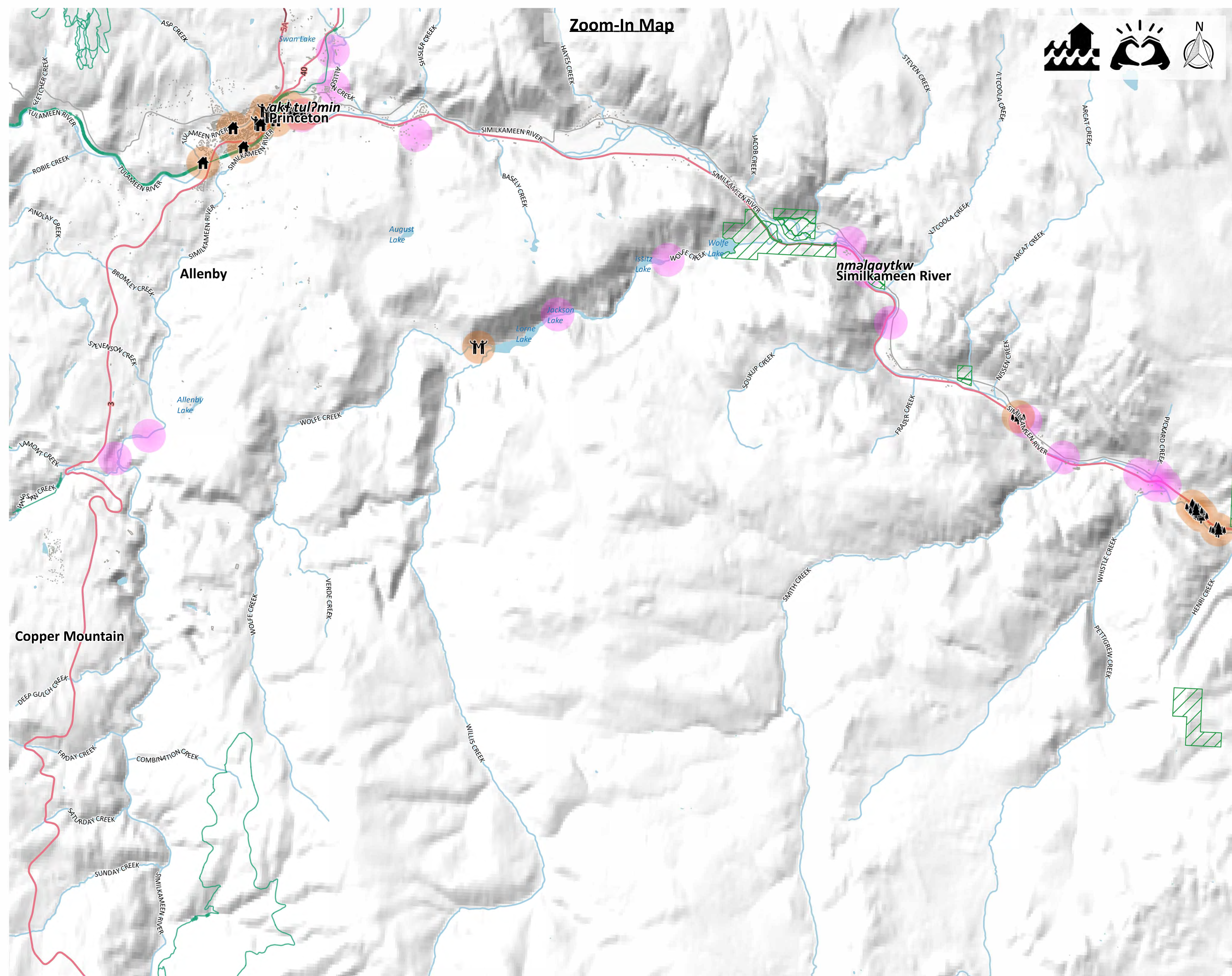
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 13 of 20**

ANSI D - Map No. C-D-003-013





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**Sylix**  
Okanagan Nation Alliance

**Palmer Environmental Consulting Group Inc.**

**Index Map**

0 50 100 km

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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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**Scale 1:50,000**

**Legend**

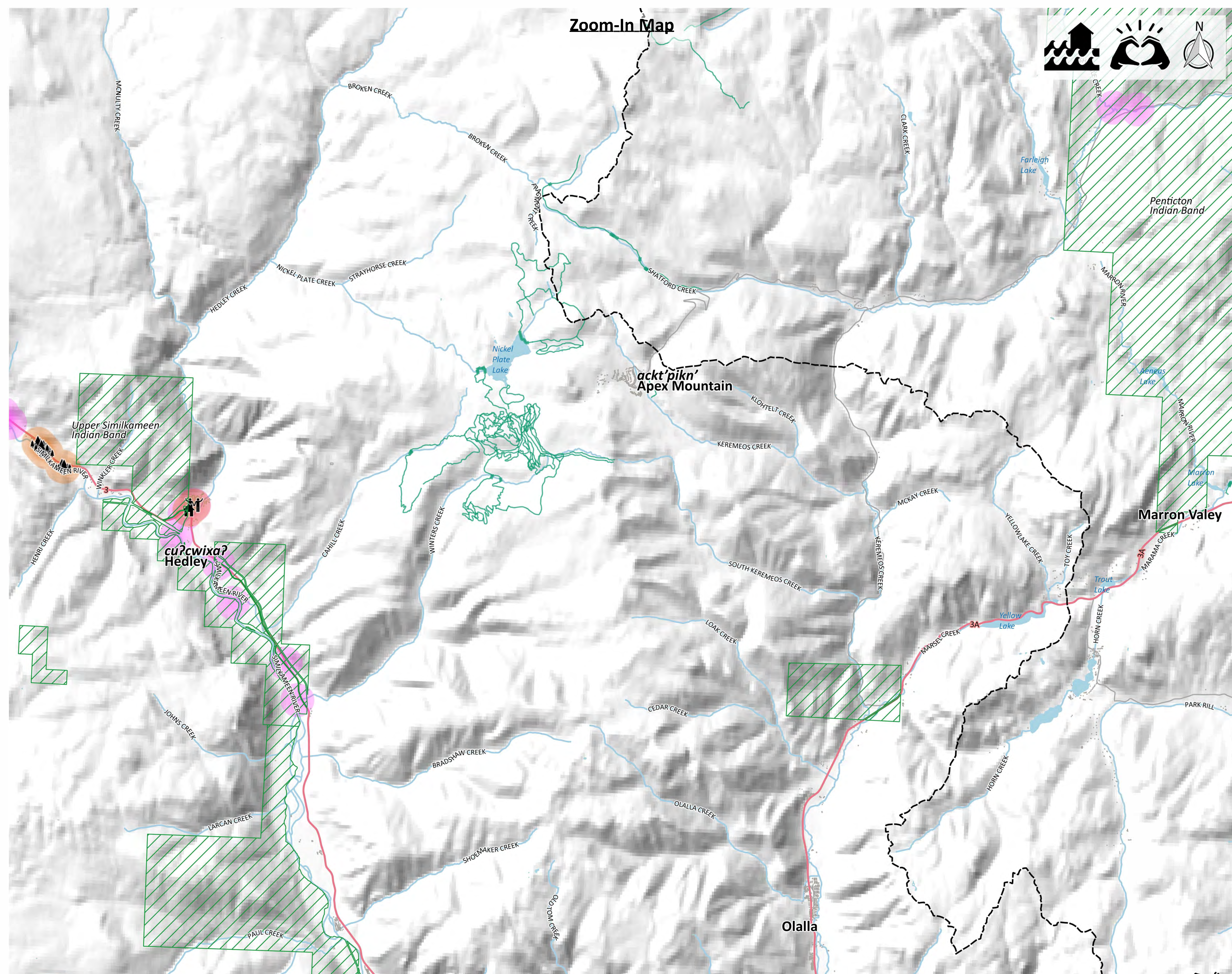
Background	Affected Assets
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Outdoor Space and Recreation
— Canada - US Border	Social and Religious Centers
Reserves	Affected Recreation Trail
Building Footprints	Non-Sylix Archaeology
Lakes	
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

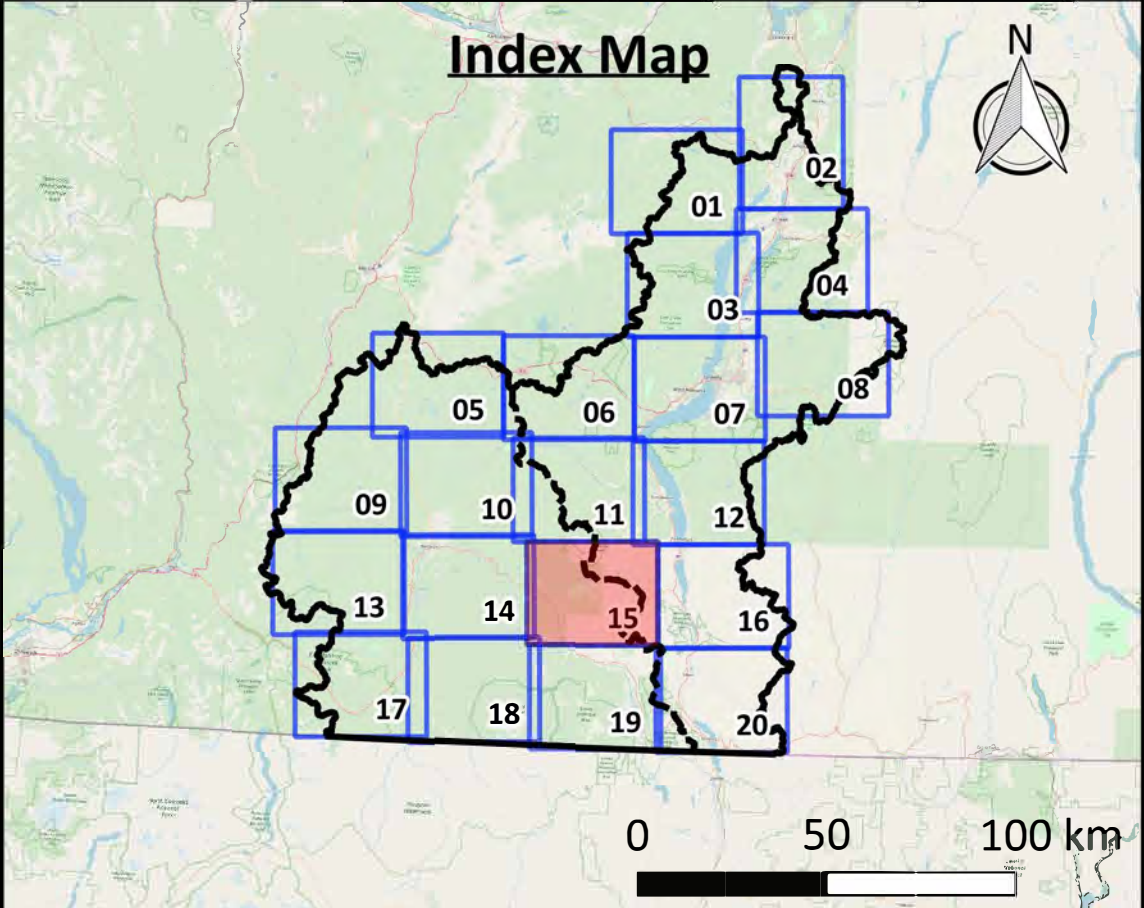
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 14 of 20**

ANSI D - Map No. C-D-003-014





**Zoom-In Map**



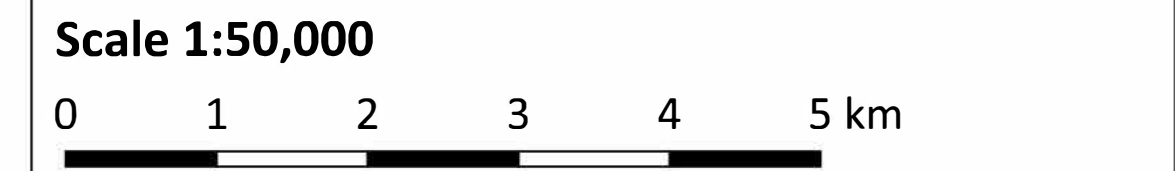
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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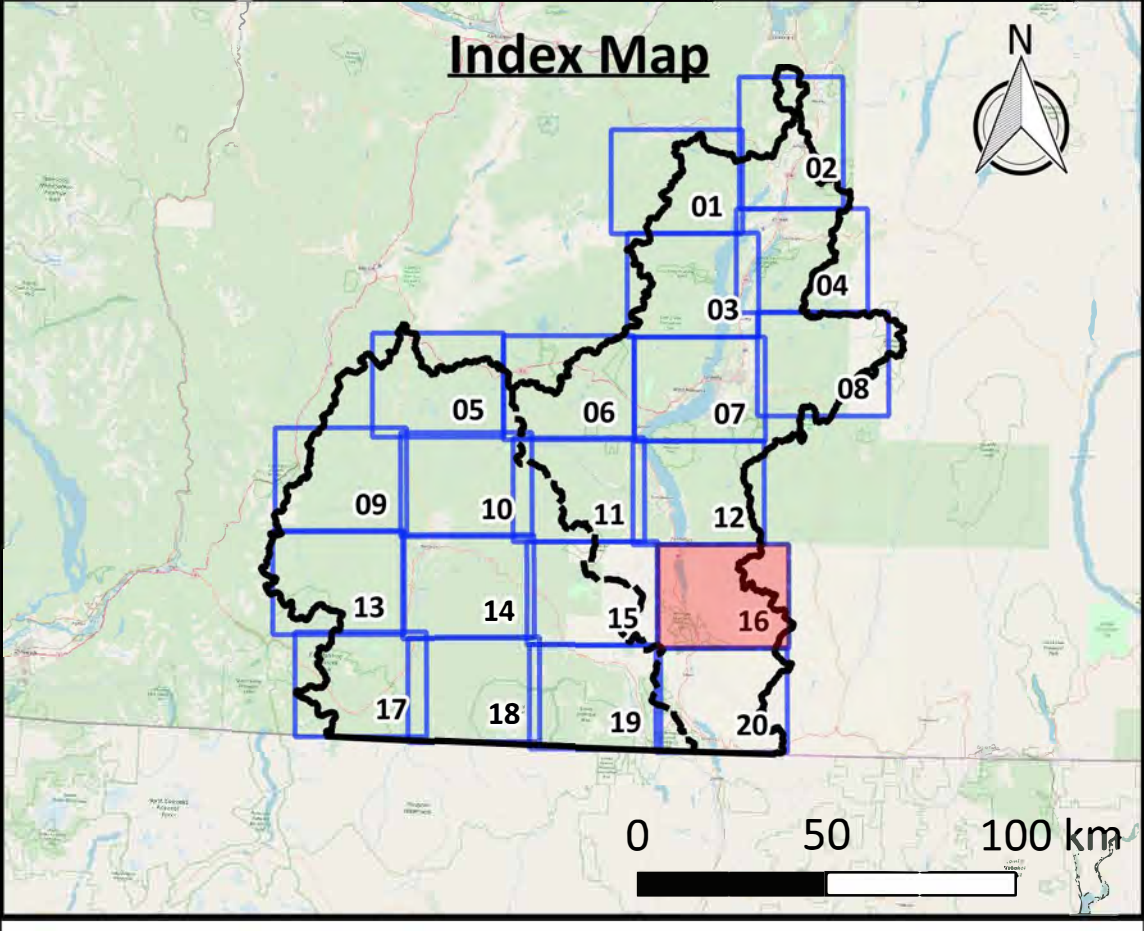
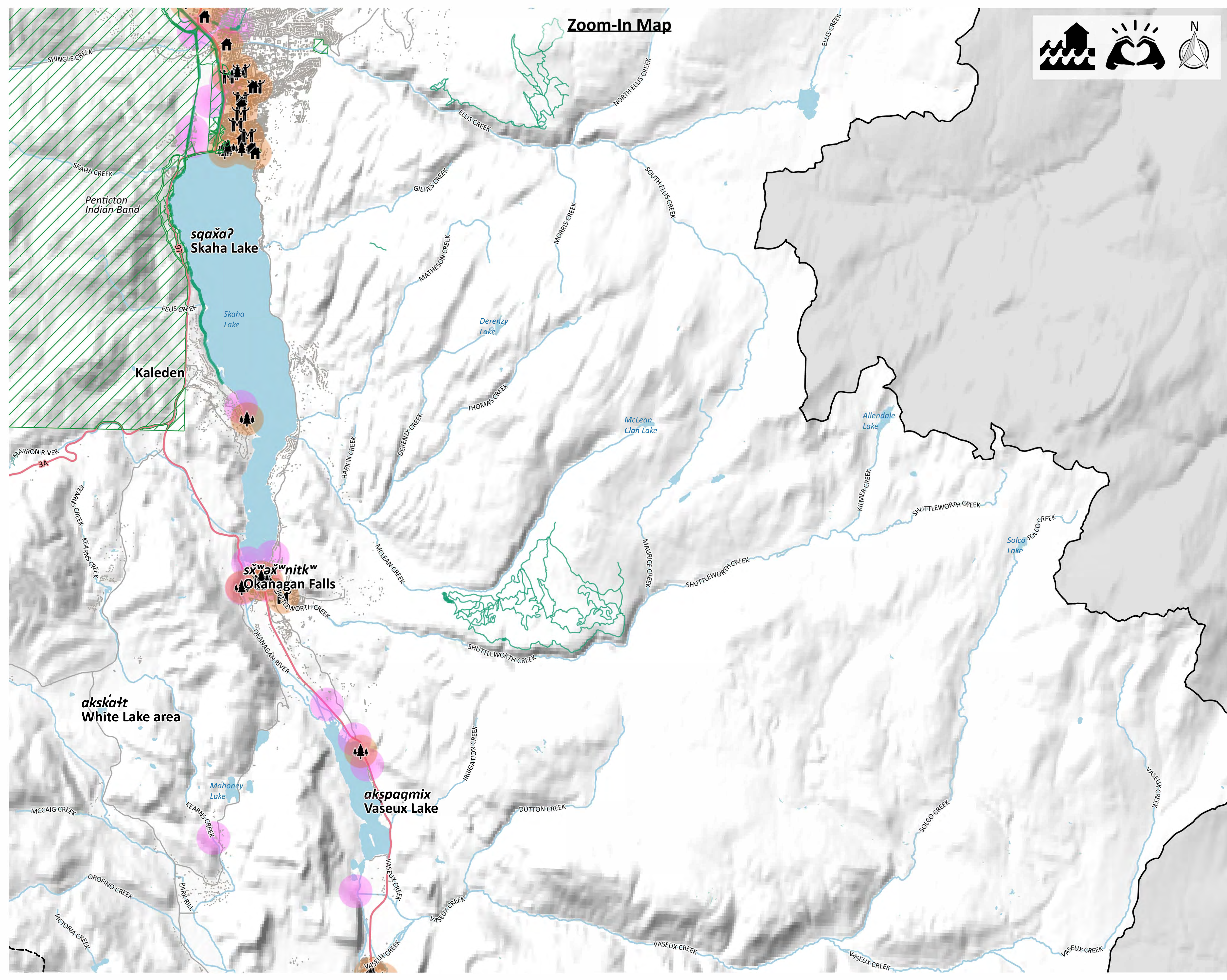
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	Outdoor Space and Recreation
— Canada - US Border	Social and Religious Centers
Reserves	Affected Recreation Trail
Building Footprints	Non-Sylix Archaeology
Lakes	
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 15 of 20**

ANSI D - Map No. C-D-003-015





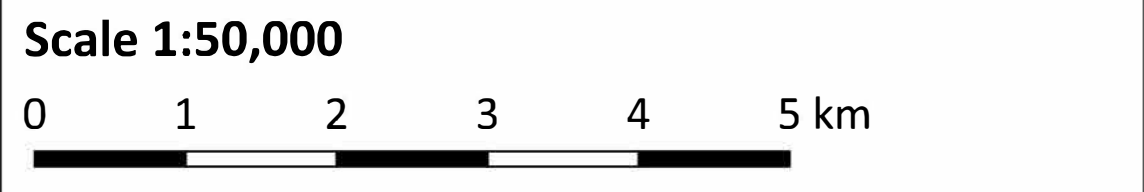
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
🇨🇦 Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟪 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

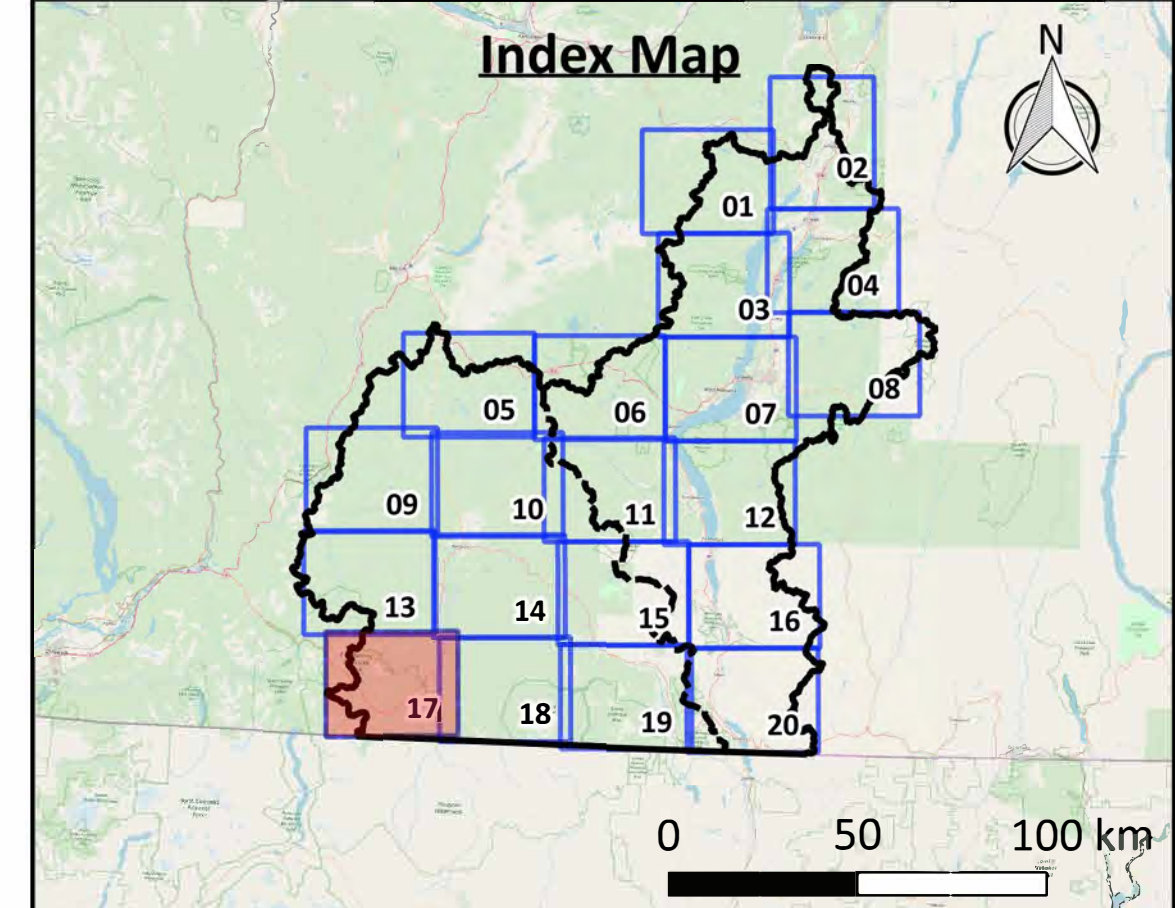
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 16 of 20**

ANSI D - Map No. C-D-003-016



**Zoom-In Map**



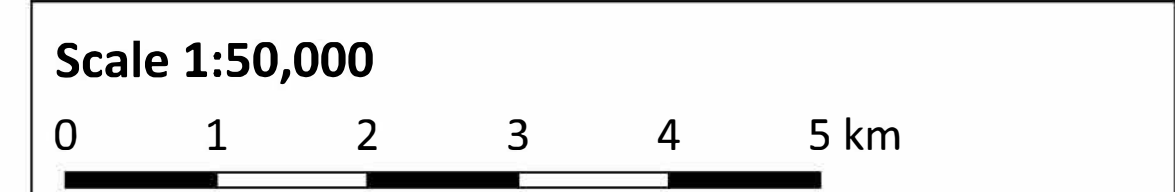
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

1. Map produced by Ebbwater Consulting Inc.
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**Data Sources**

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2. Cultural Buildings: BC Assessment and Westbank First Nation.
3. Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
4. Sylix Place Names: Okanagan Nation Alliance.
5. Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

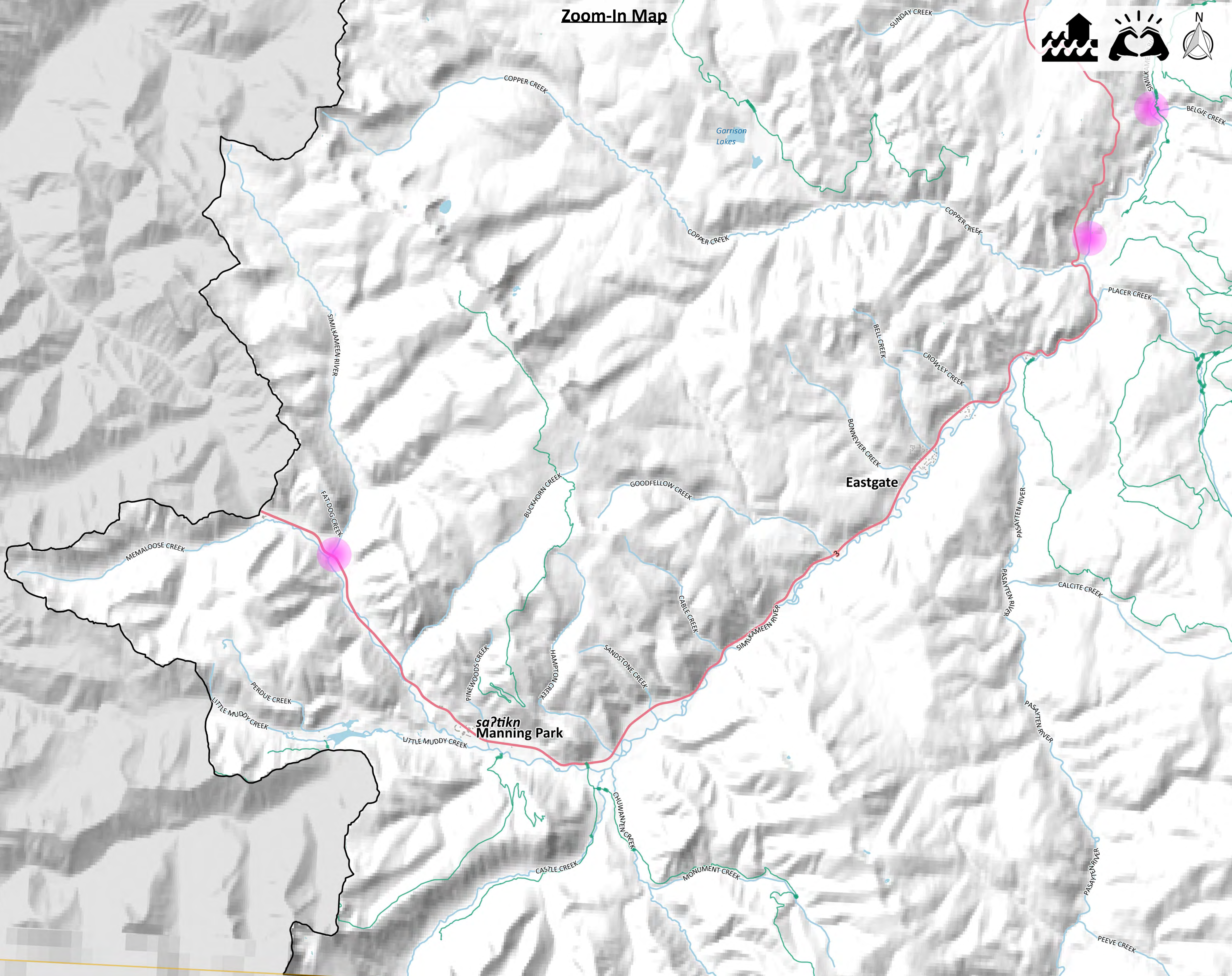


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

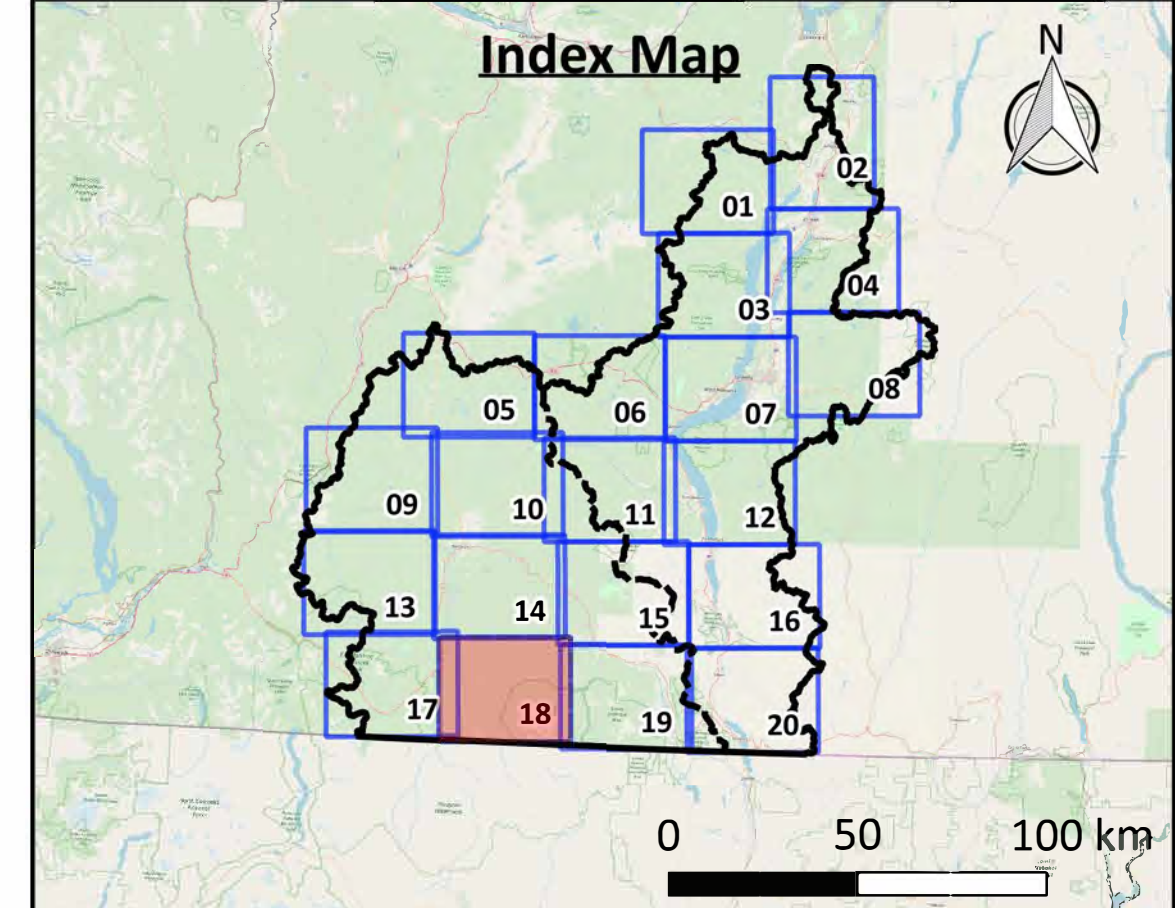
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 17 of 20**

ANSI D - Map No. C-D-003-017





# Zoom-In Map



Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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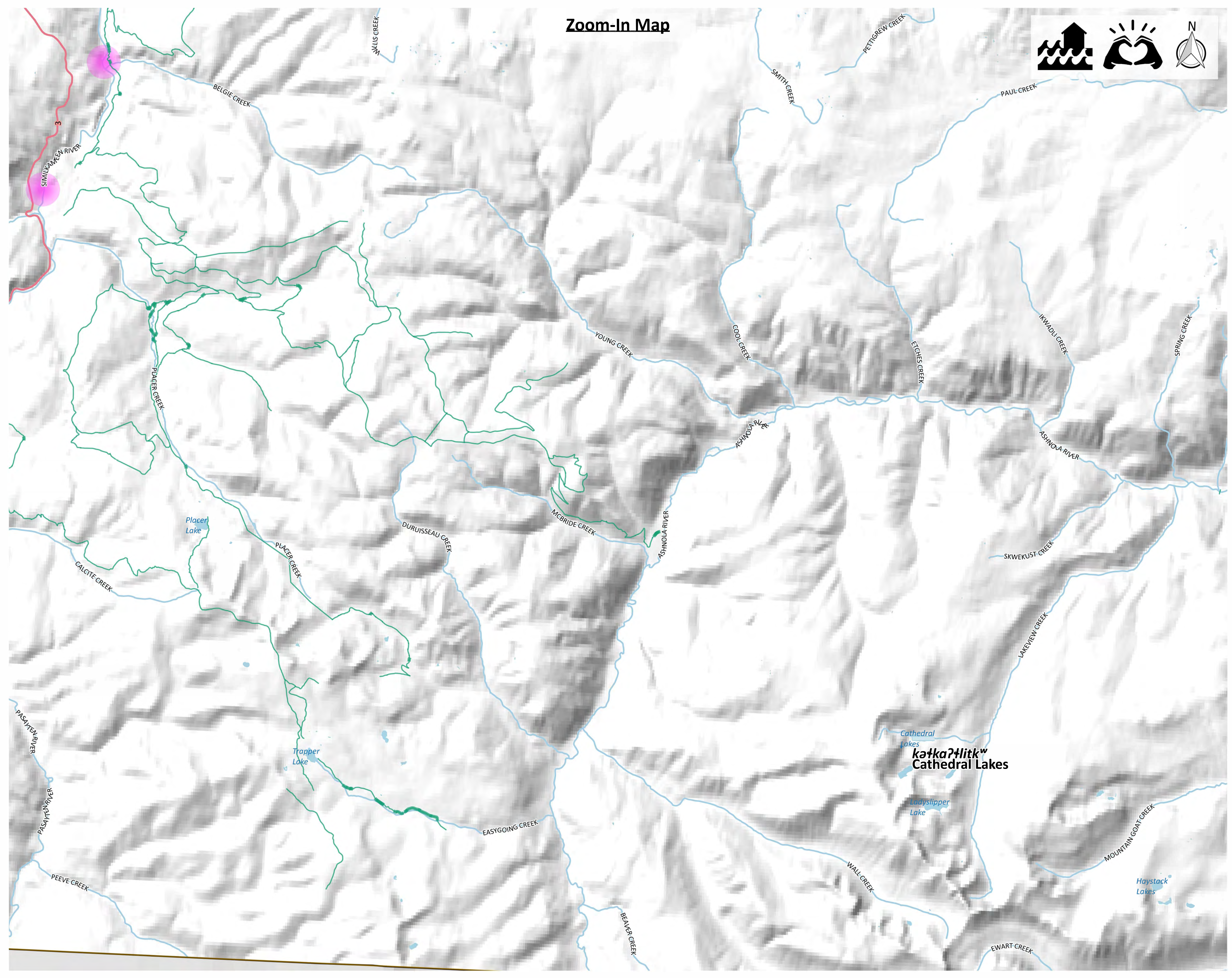
**Scale 1:50,000**

Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟡 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

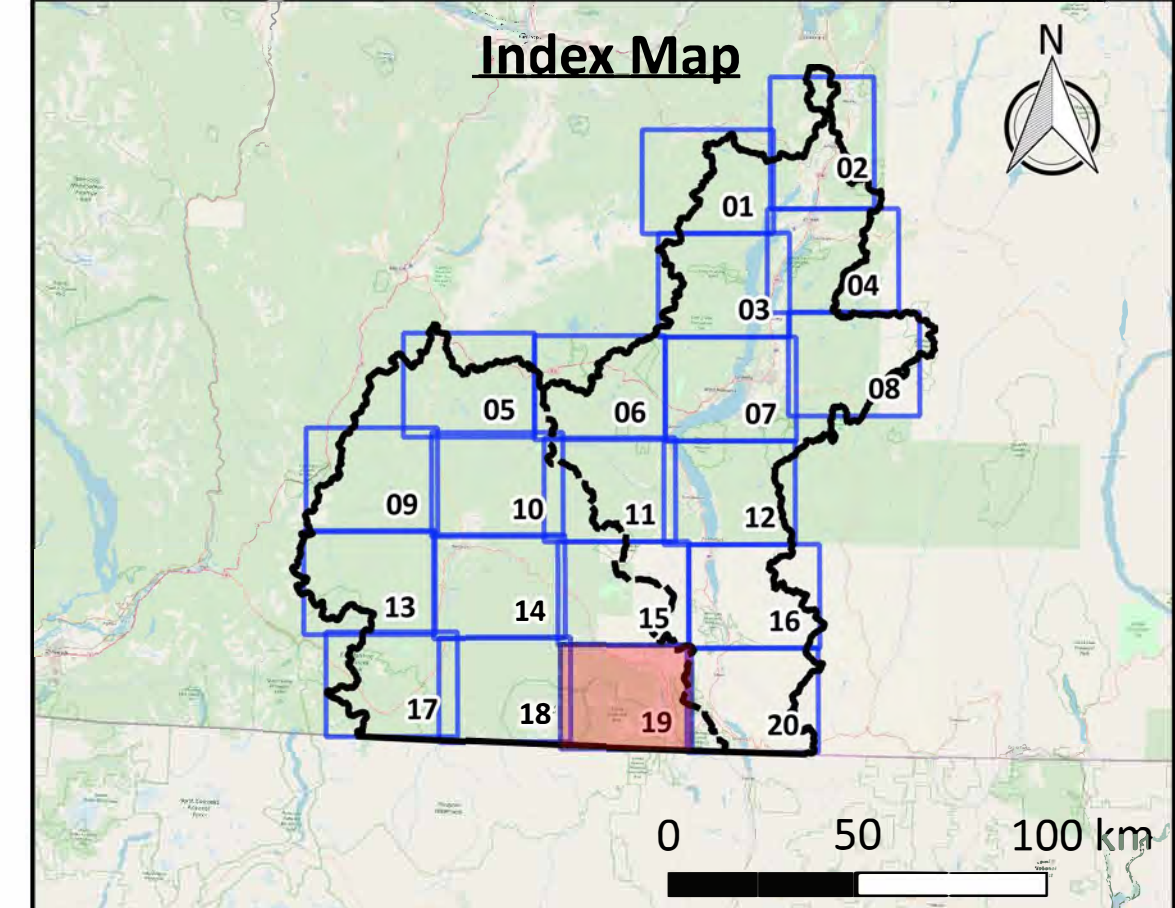
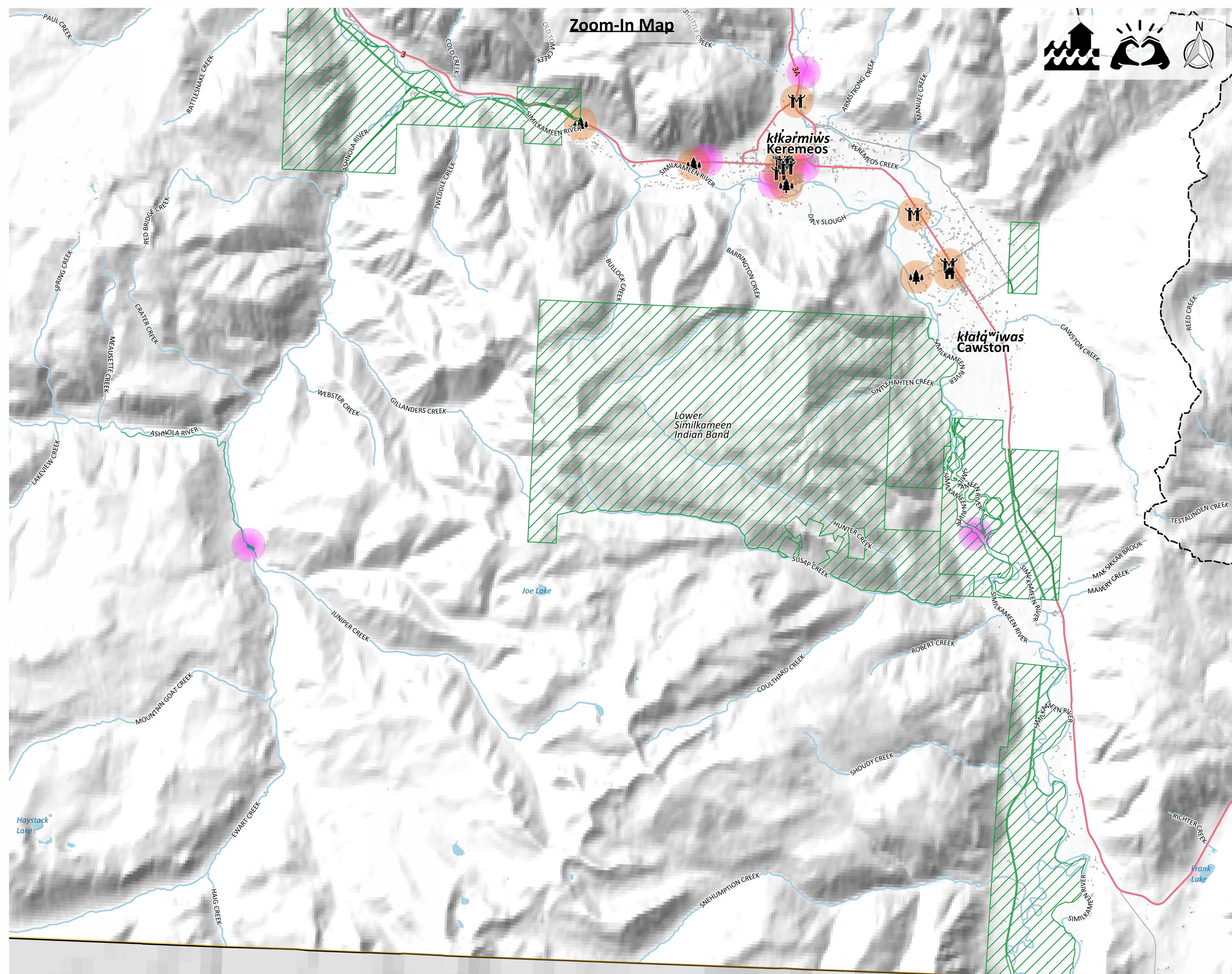
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 18 of 20**

ANSI D - Map No. C-D-003-018







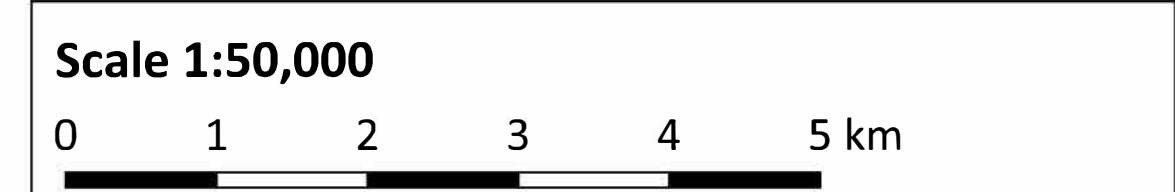
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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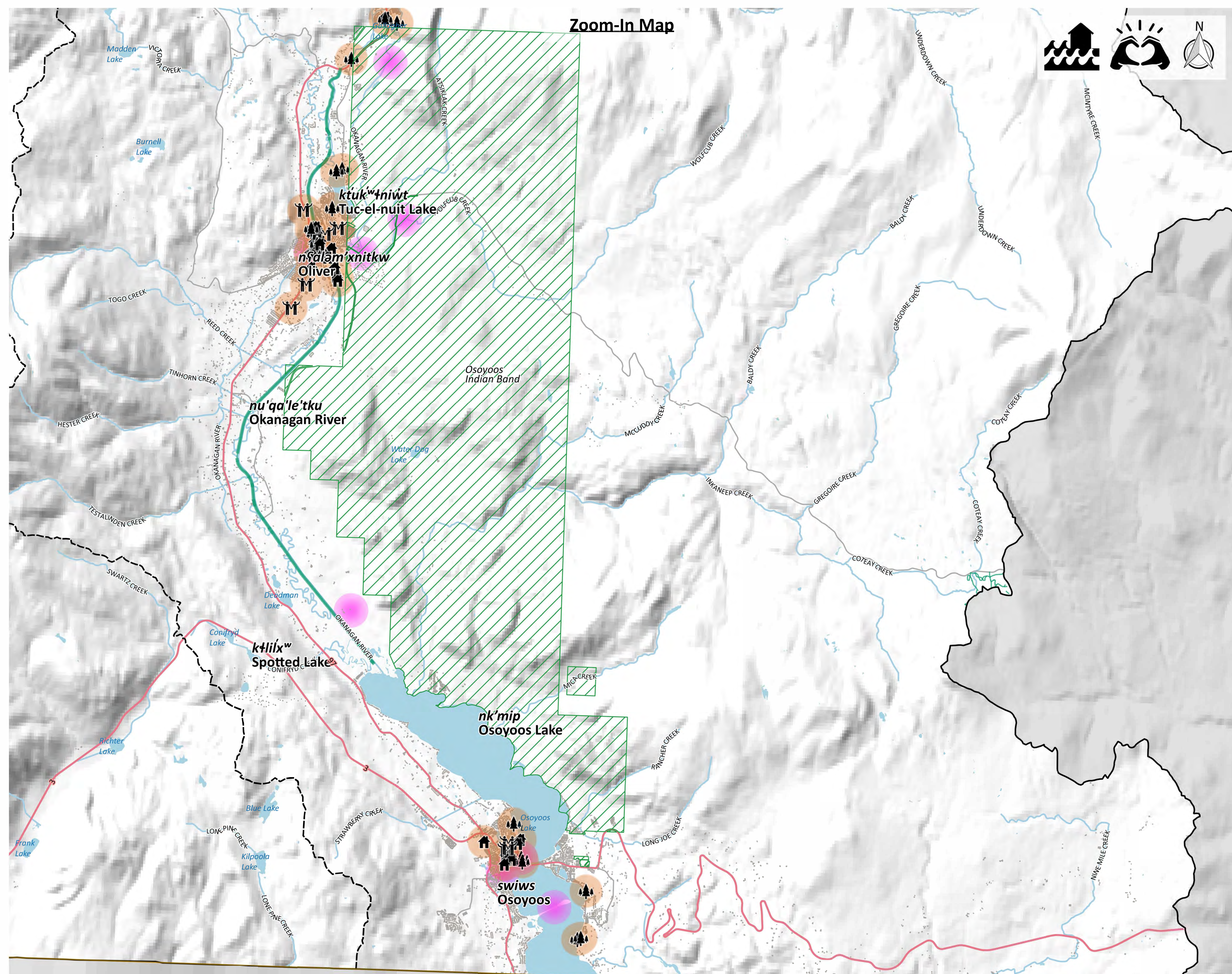
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

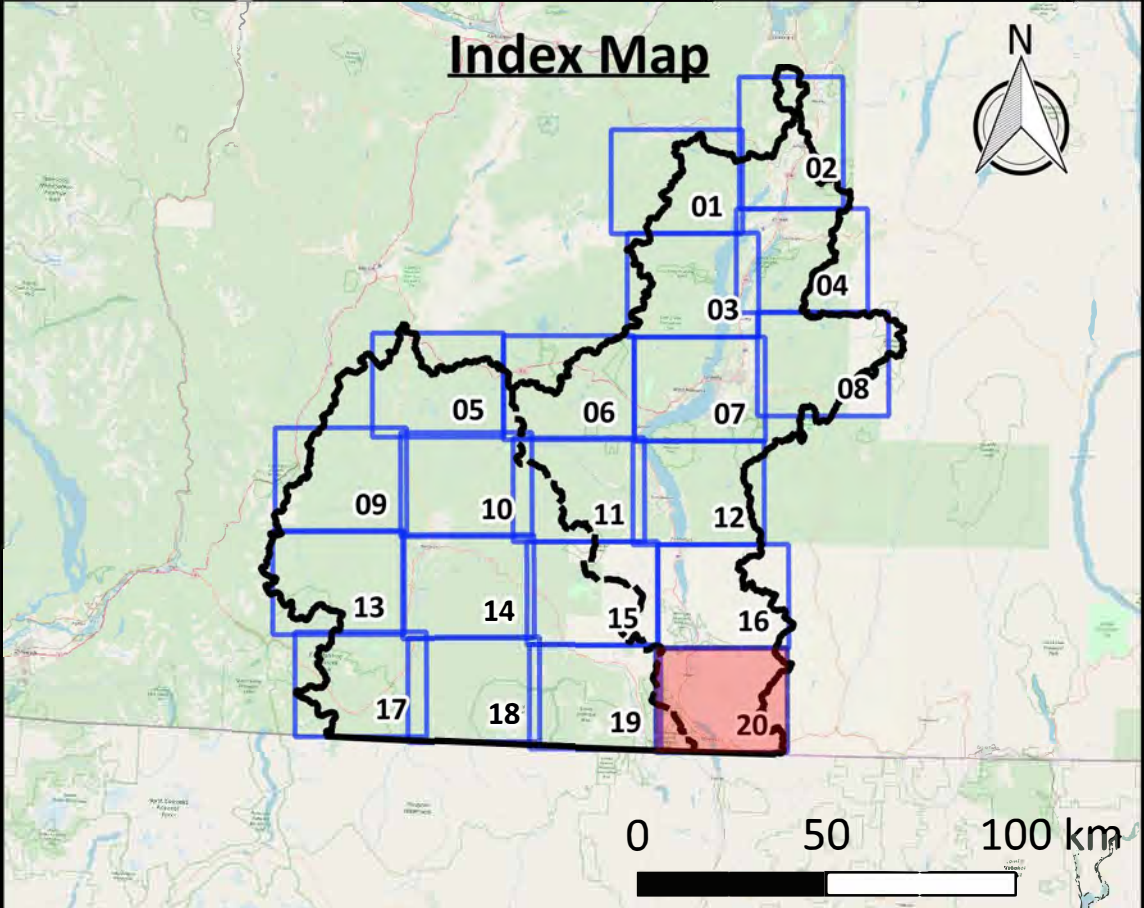
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 19 of 20**

ANSI D - Map No. C-D-003-019





**Zoom-In Map**



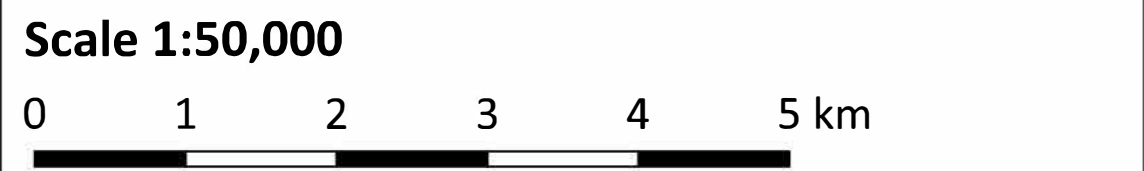
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

Date: 31 December 2019  
 Produced by: Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Flood - Culture**  
**Map Tile 20 of 20**

ANSI D - Map No. C-D-003-020



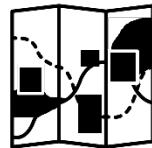
# Syilx Okanagan Flood and Debris Flow Risk Assessment

## Map Book

### Map Series 3 of 7: Culture Indicator

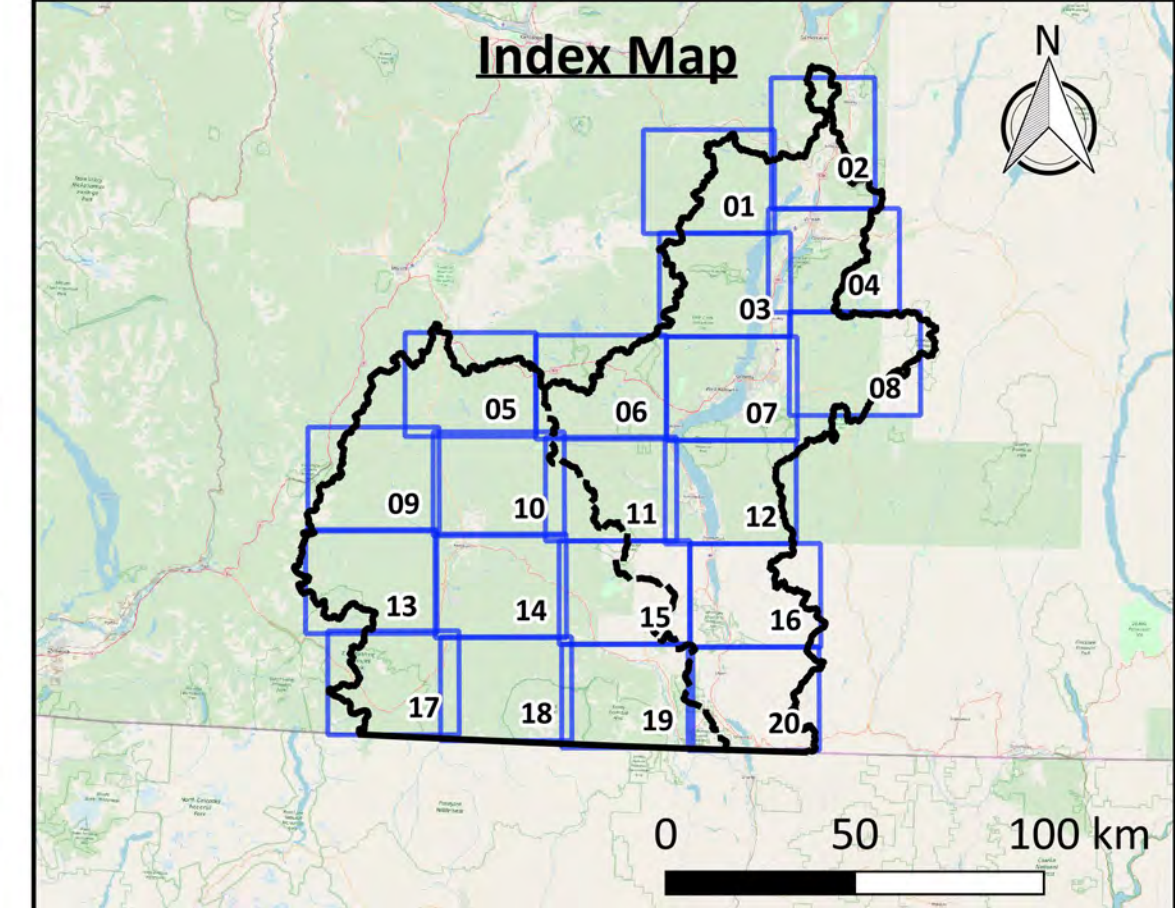
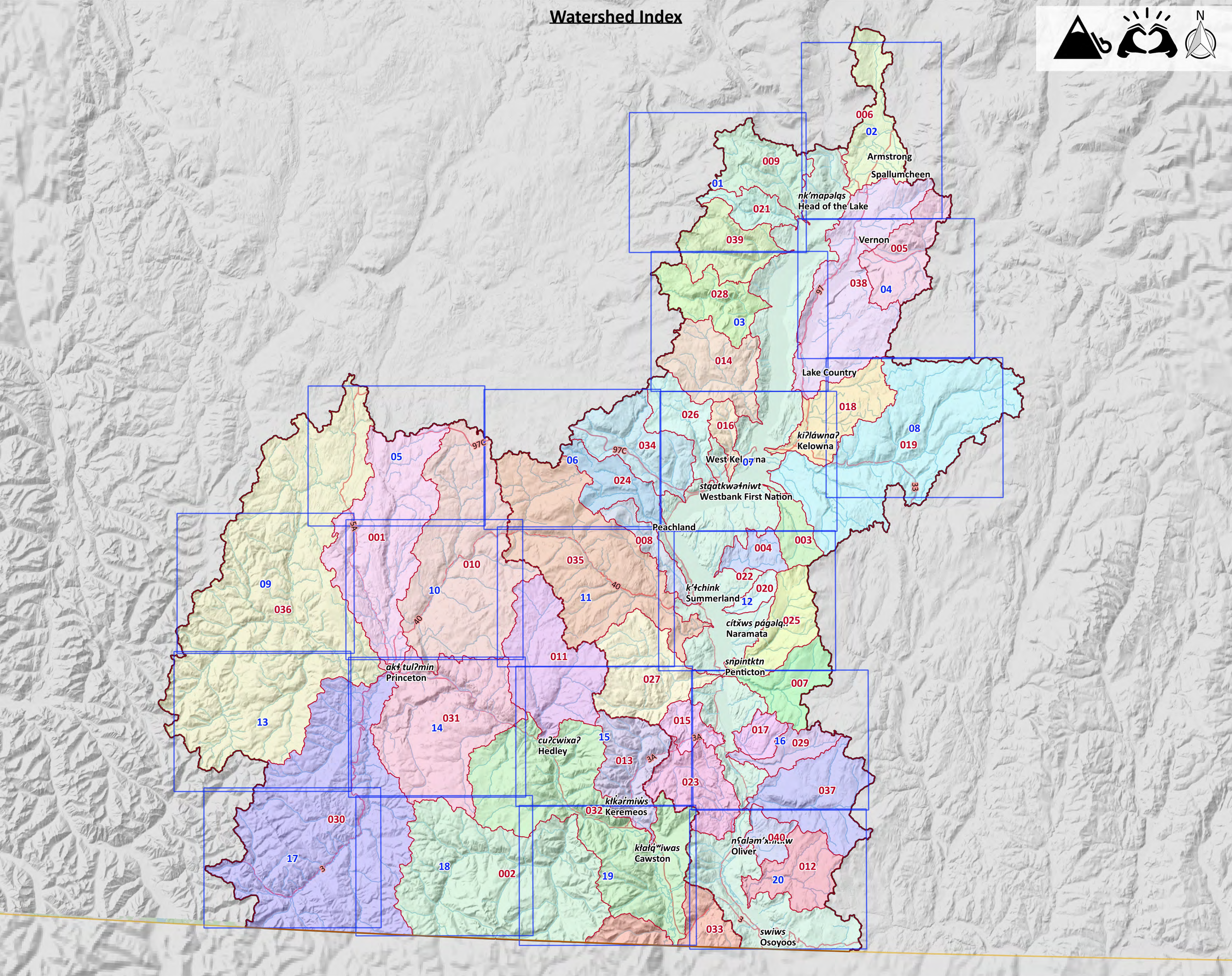


## Quantitative Debris Flow Consequence Maps





# Watershed Index



Click on the blue map tile to go to the Zoom-In map

**Legend**

<b>Background</b>	<b>Sub-Watersheds</b>
— Watershed Boundary	001 - Allison Creek
- - Okanagan-Similkameen Boundary	002 - Ashnola River
— Canada - US Border	003 - Bellevue Creek
— Lakes	004 - Chute Creek
— Watercourses	005 - Coldstream Creek
— Highway	006 - Deep Creek
— Major Road	007 - Ellis Creek
— Map tiles	008 - Eneas Creek
	009 - Equis Creek
	010 - Hayes Creek
	011 - Hedley Creek
	012 - Inkaneep Creek
	013 - Keremeos Creek
	014 - Lambly Creek
	015 - Marron River
	016 - McDougall Creek
	017 - McLean Creek
	018 - Mill Creek
	019 - Mission Creek
	020 - Naramata Creek
	021 - Naswhito Creek
	022 - Okanagan River
	023 - Park Rill
	024 - Peachland Creek
	025 - Penticton Creek
	026 - Powers Creek
	027 - Shingle Creek
	028 - Shorts Creek
	029 - Shuttleworth Creek
	030 - Similkameen River 1
	031 - Similkameen River 2
	032 - Similkameen River 3
	033 - Similkameen River 4
	034 - Trepanier Creek
	035 - Trout Creek
	036 - Tulameen River
	037 - Vaseux Creek
	038 - Vernon Creek
	039 - Whiteman Creek
	040 - Wolfcub Creek

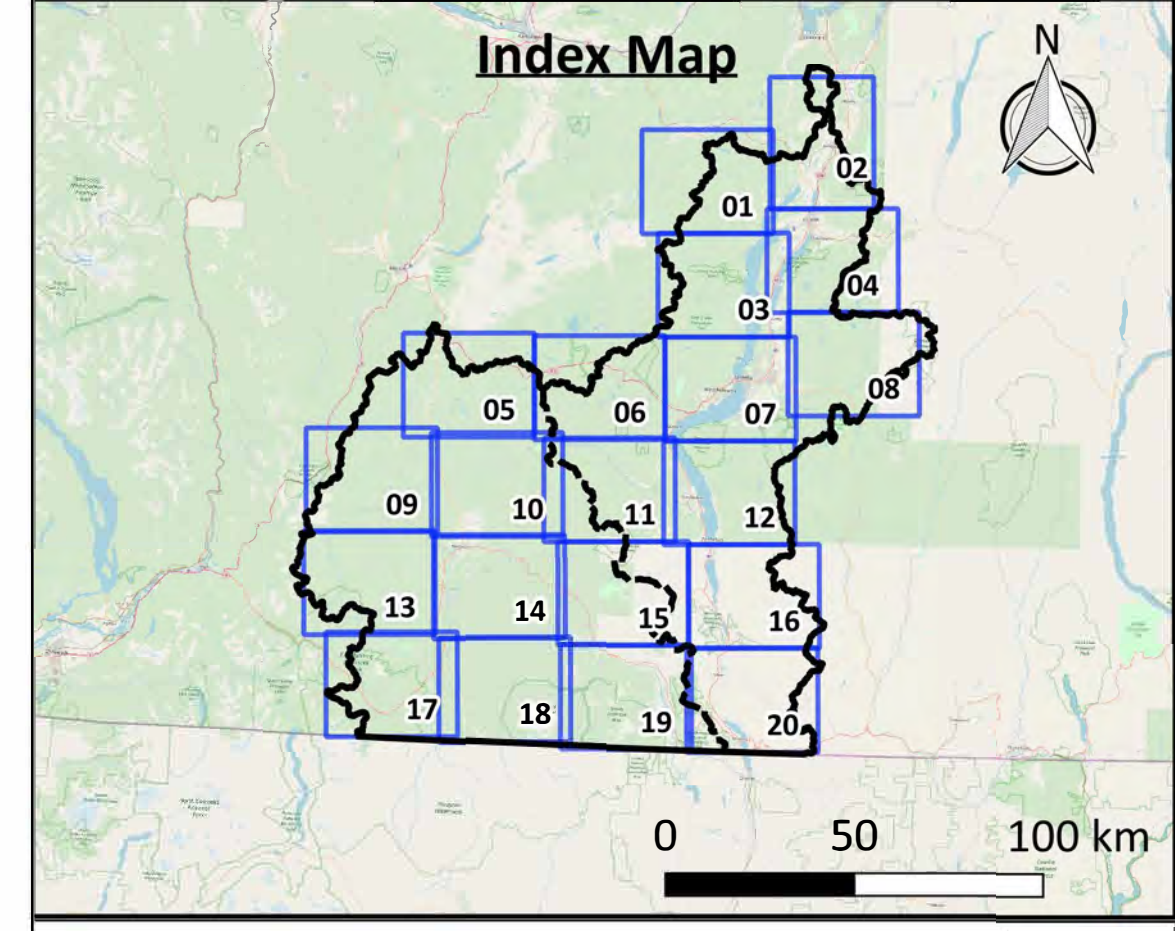
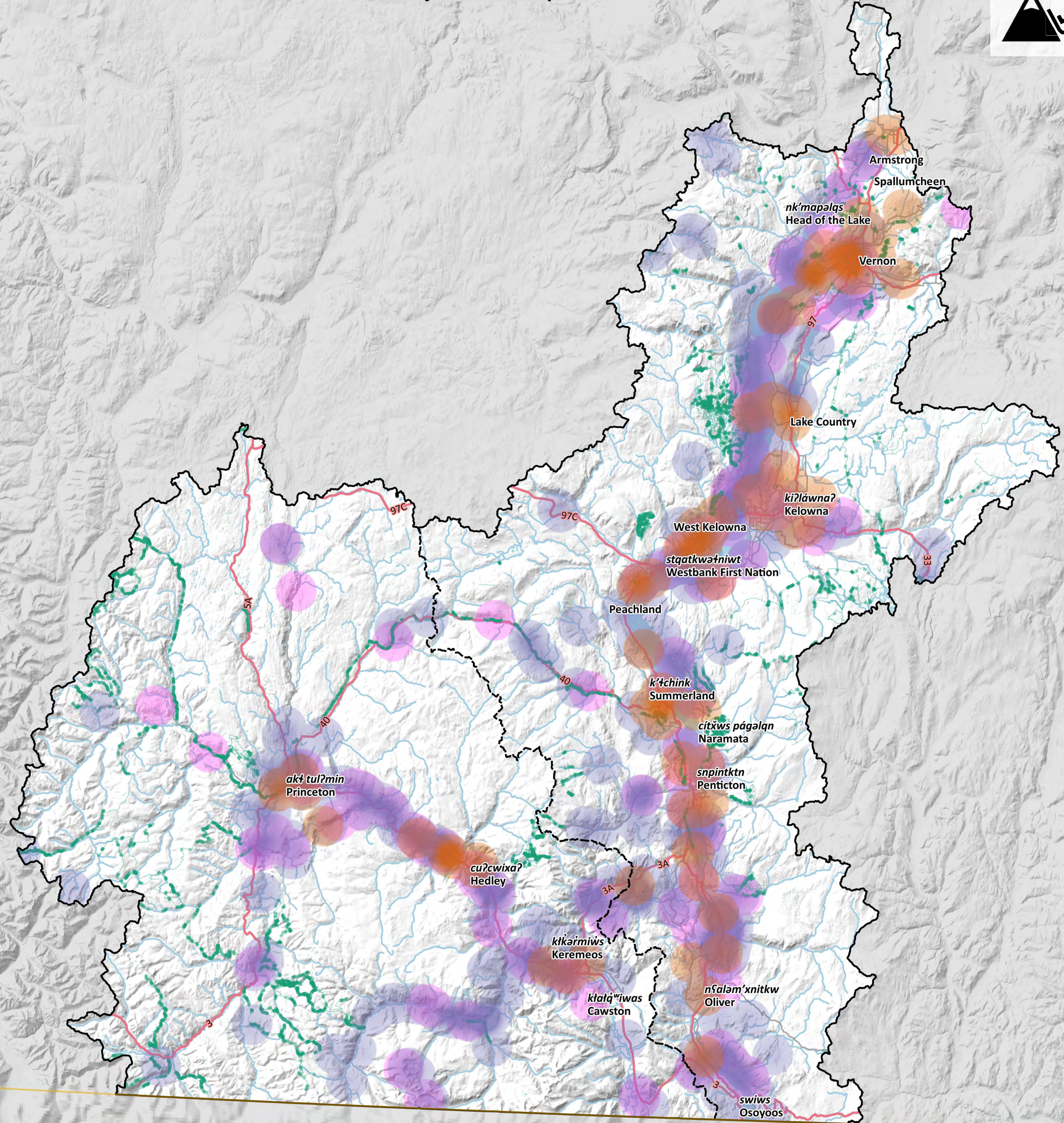
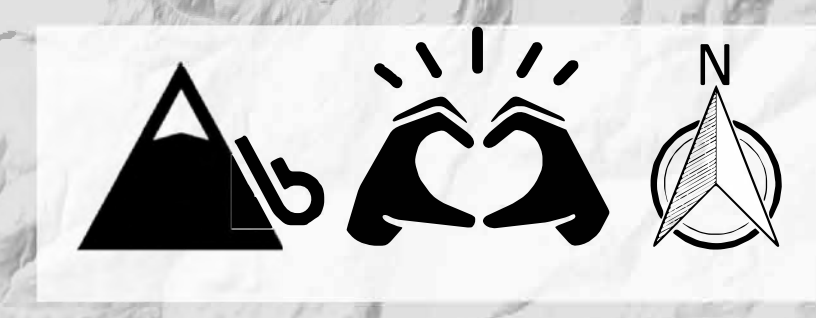
Scale 1:350,000  
0 10 20 30 km

Date: 31 December 2019  
Produced by: Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**



# Project Area Map



Click above map tile for Zoom-In map  
[Click here to go to Okanagan Map](#)  
[Click here to go to Similkameen Map](#)

**Map Notes**

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- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



**Legend**

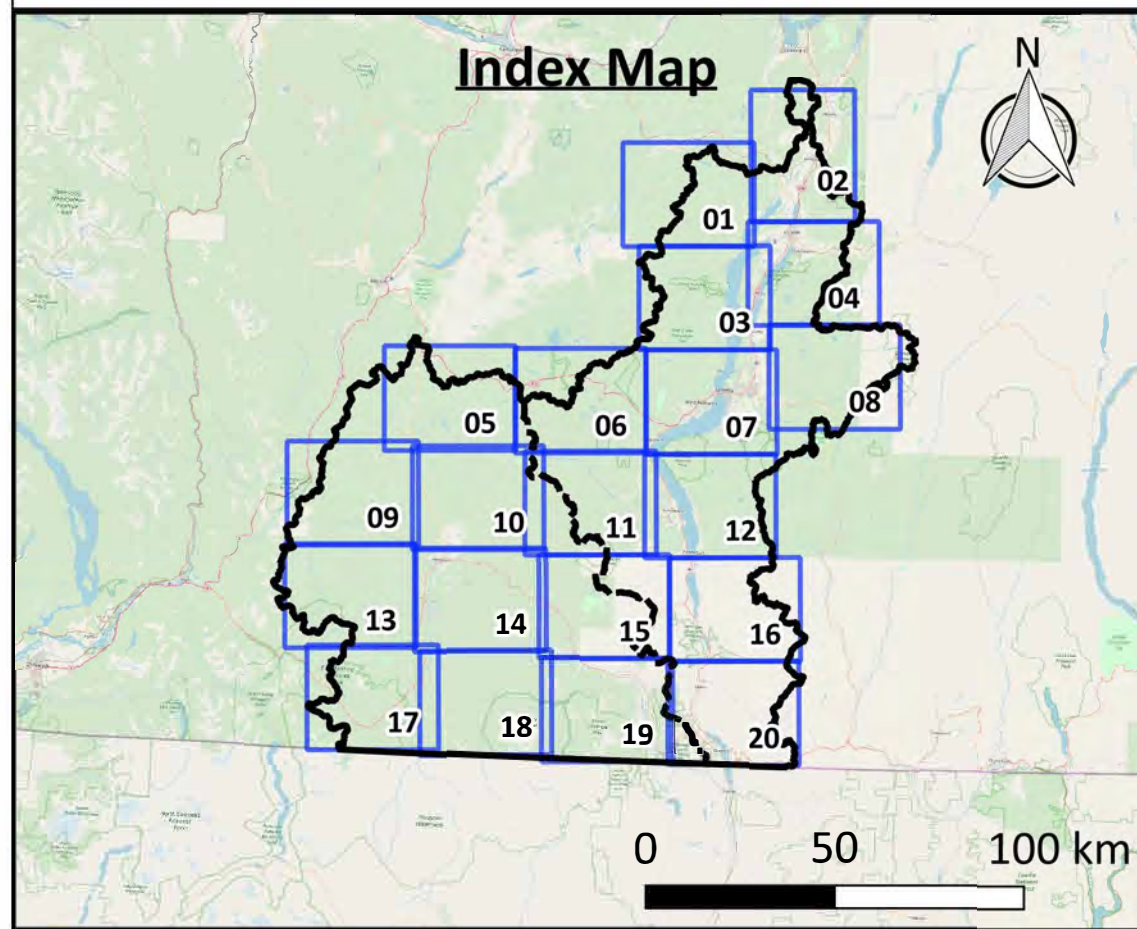
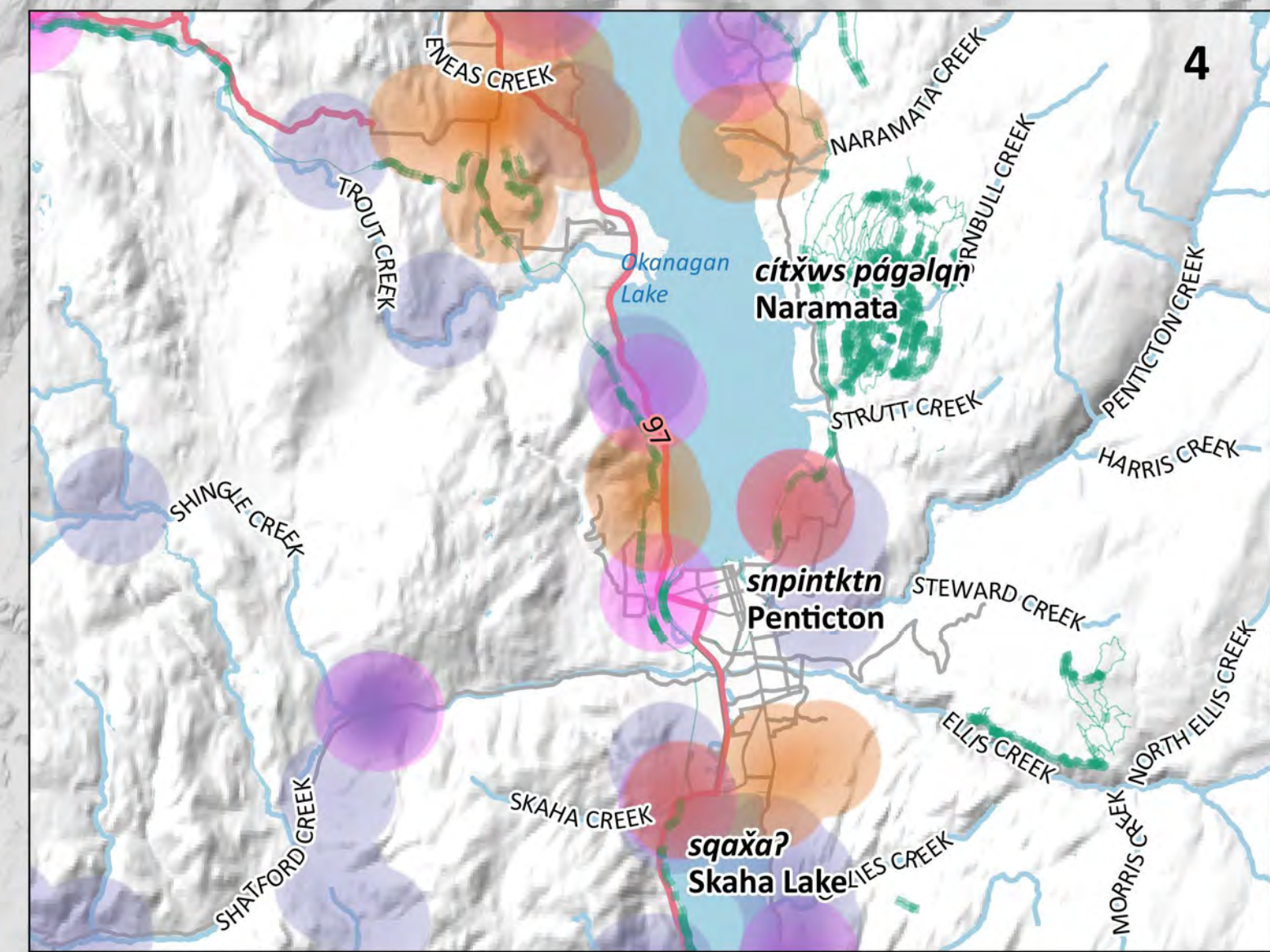
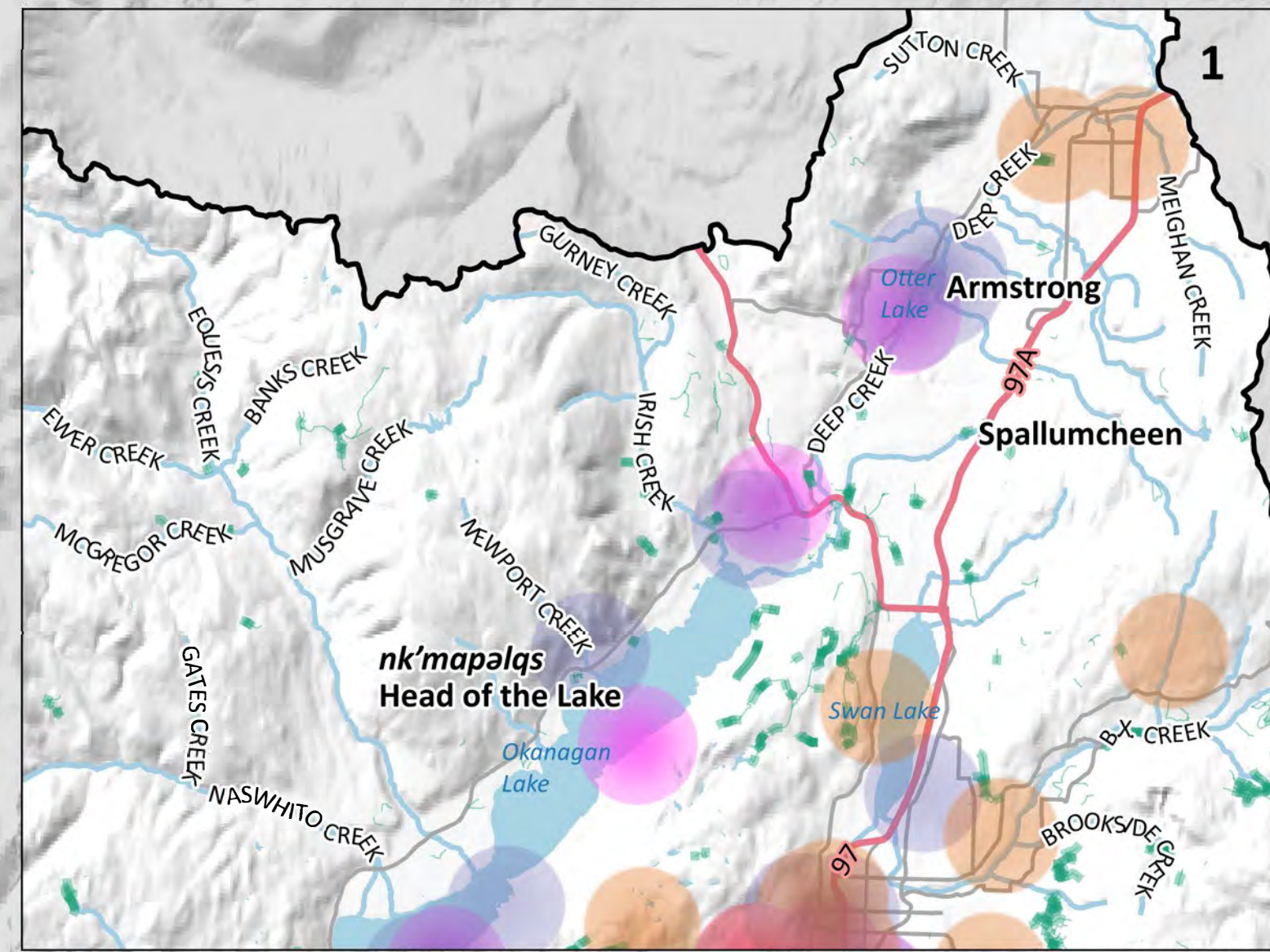
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	● Cultural Amenities
- - Okanagan-Similkameen Boundary	● Sylix Sites
— Canada - US Border	● Non-Sylix Archaeology
■ Lakes	— Affected Recreation Trail
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

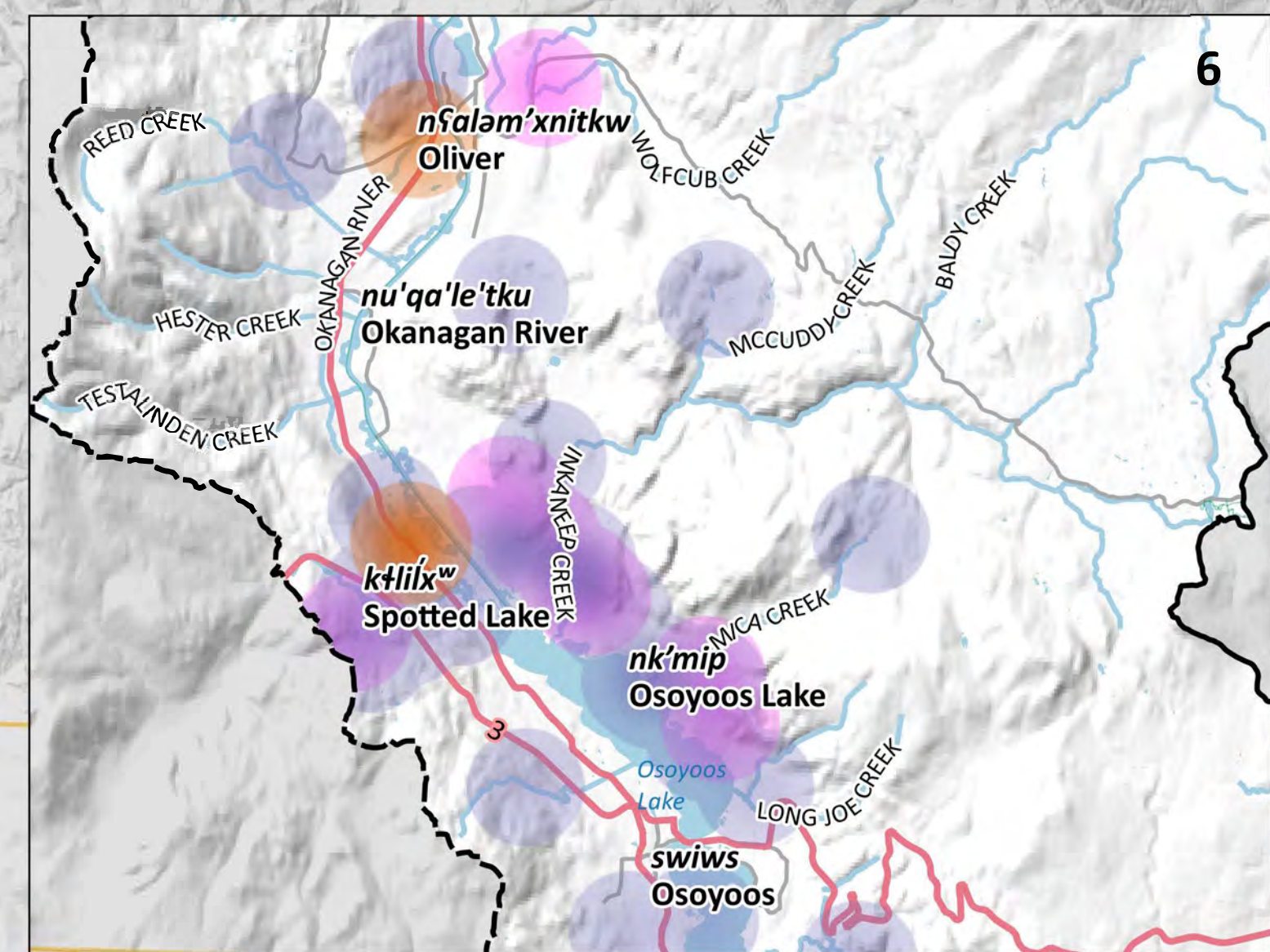
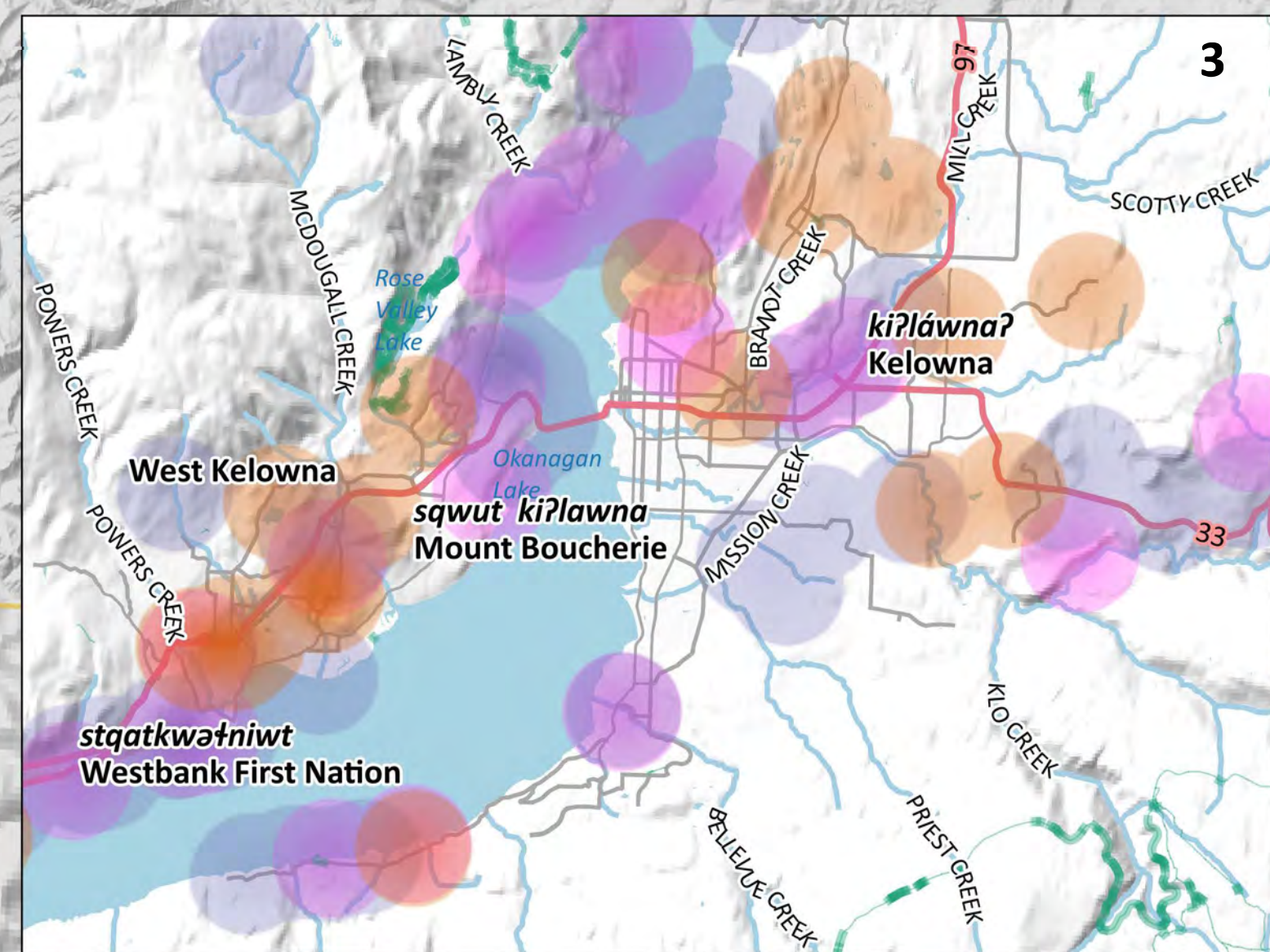
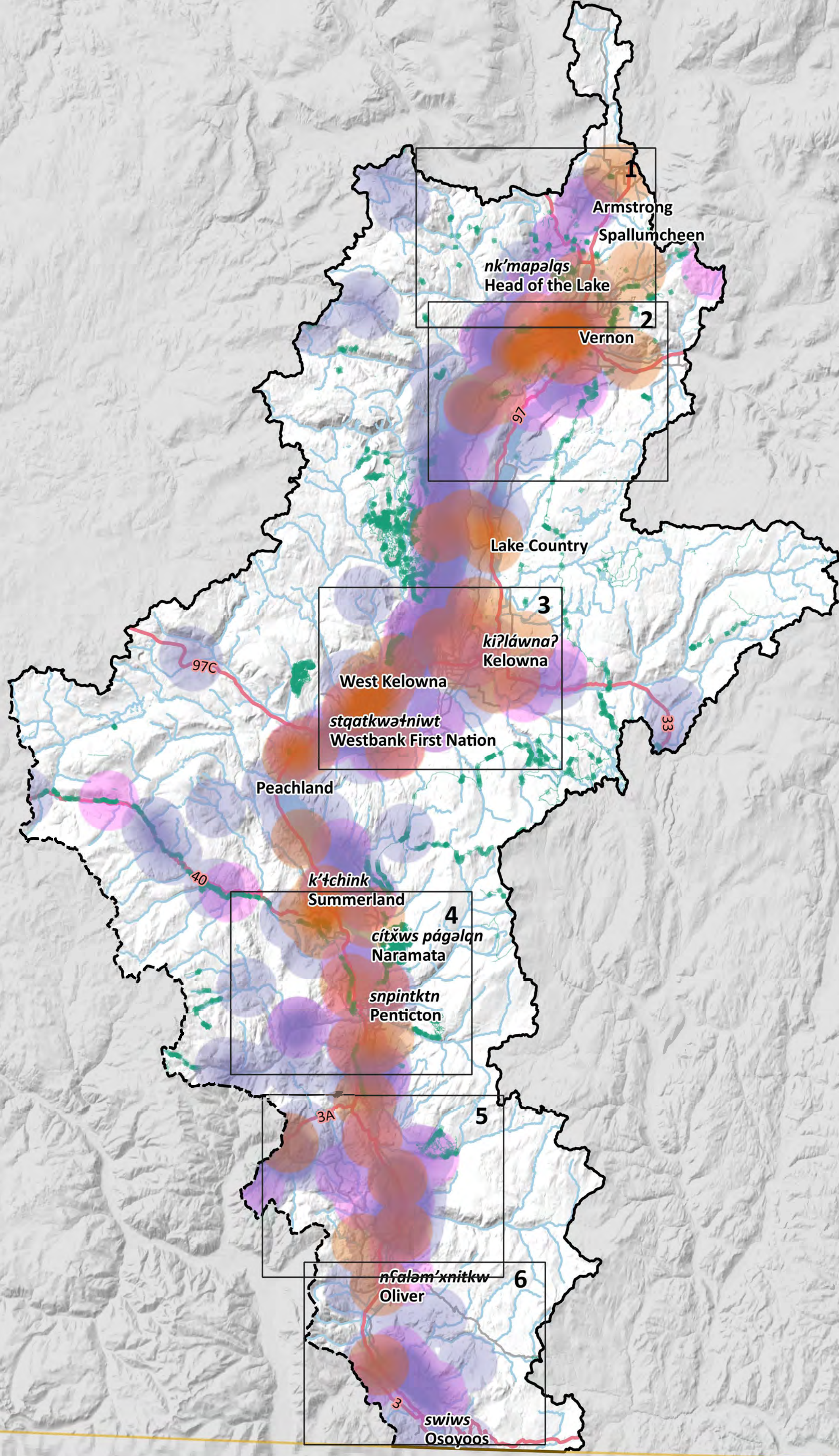
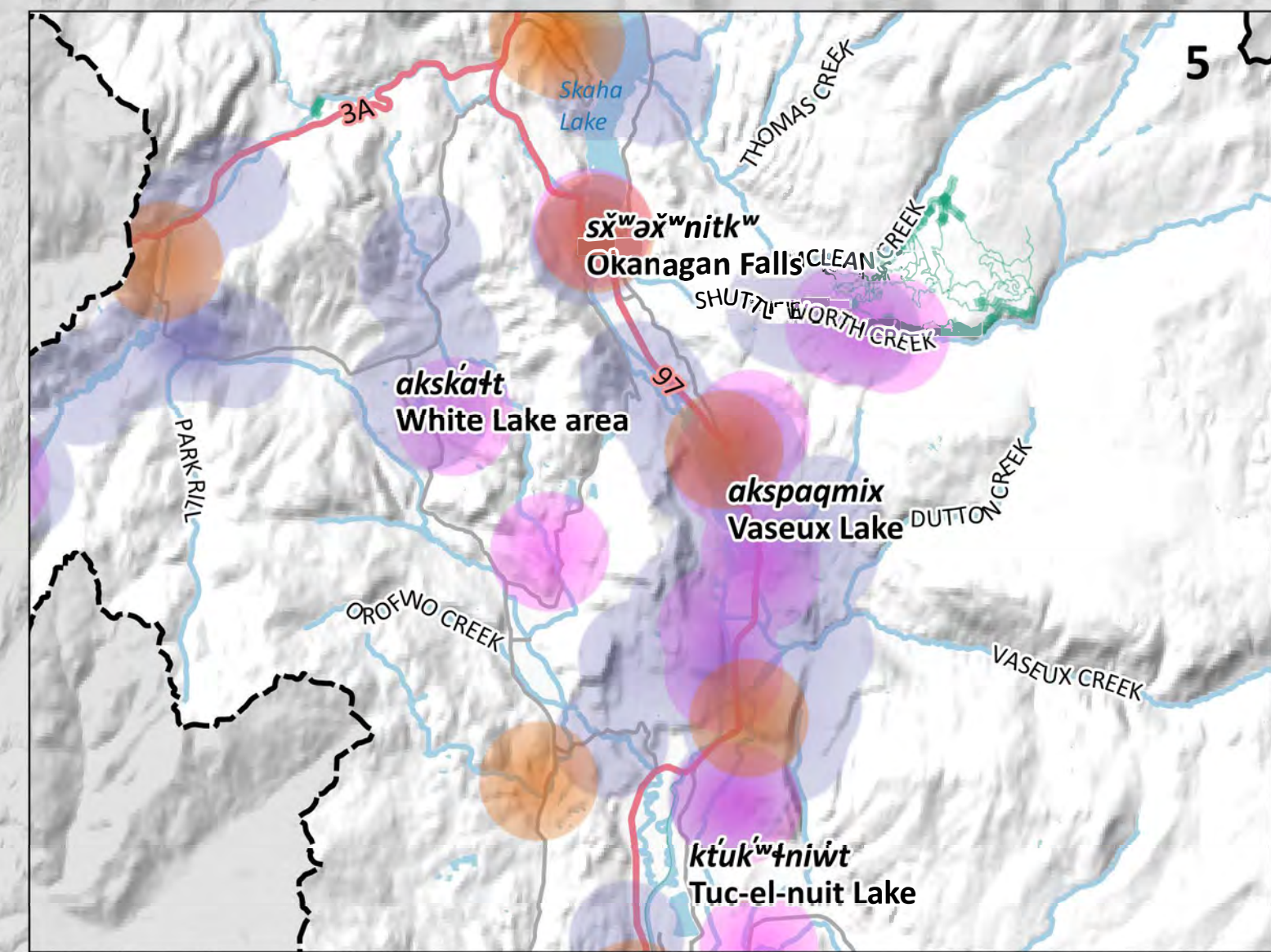
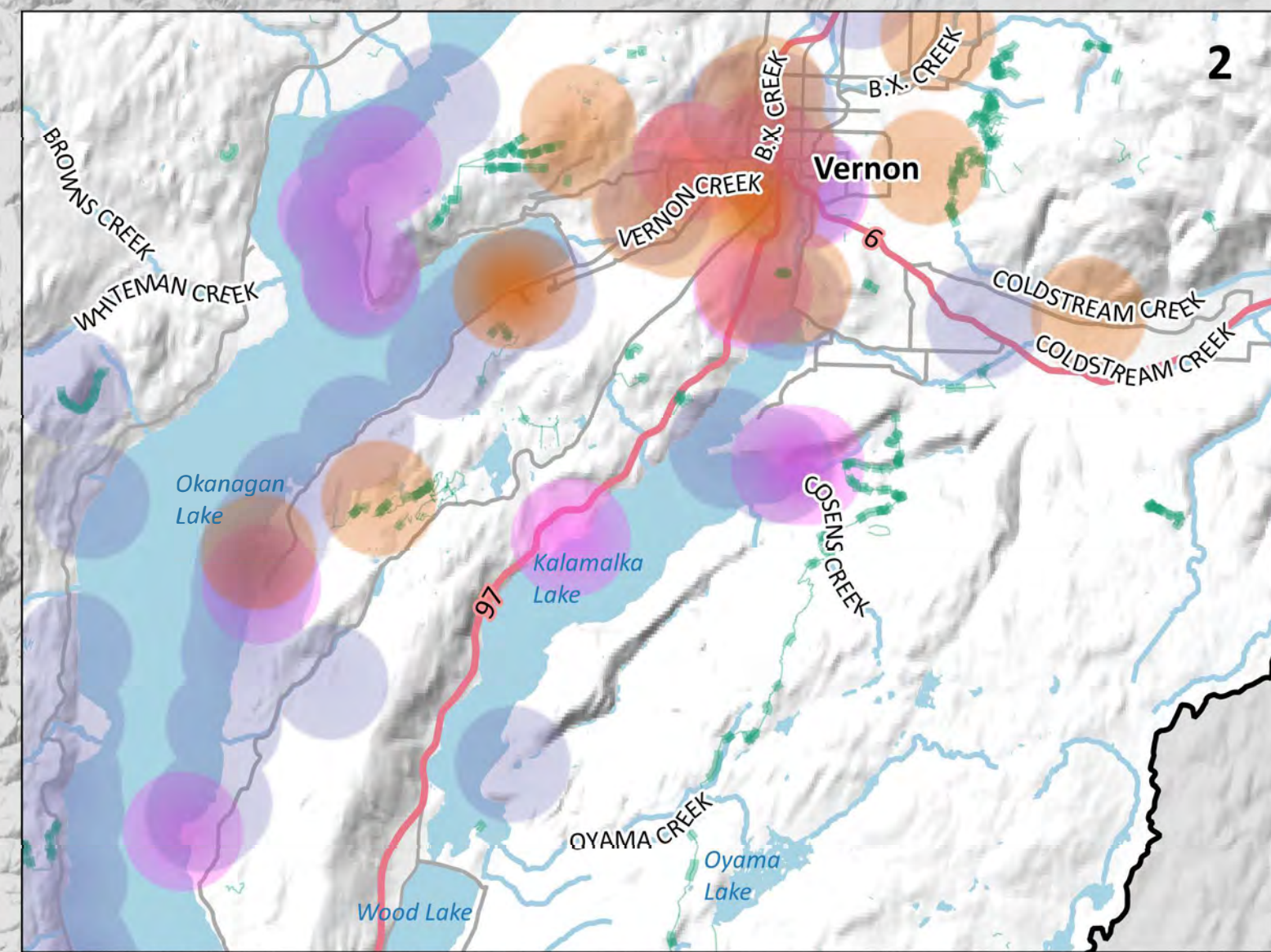
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**



# Okanagan Map



Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to go to Similkameen map](#)



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**Scale**  
**Main Map 1:400,000**  
 0 10 20 30 km

**Inset Maps 1:150,000**  
 0 5 10 15 km

**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	● Cultural Amenities
- - - Okanagan-Similkameen Boundary	● Sylix Sites
— Canada - US Border	● Non-Sylix Archaeology
■ Lakes	— Affected Recreation Trail
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

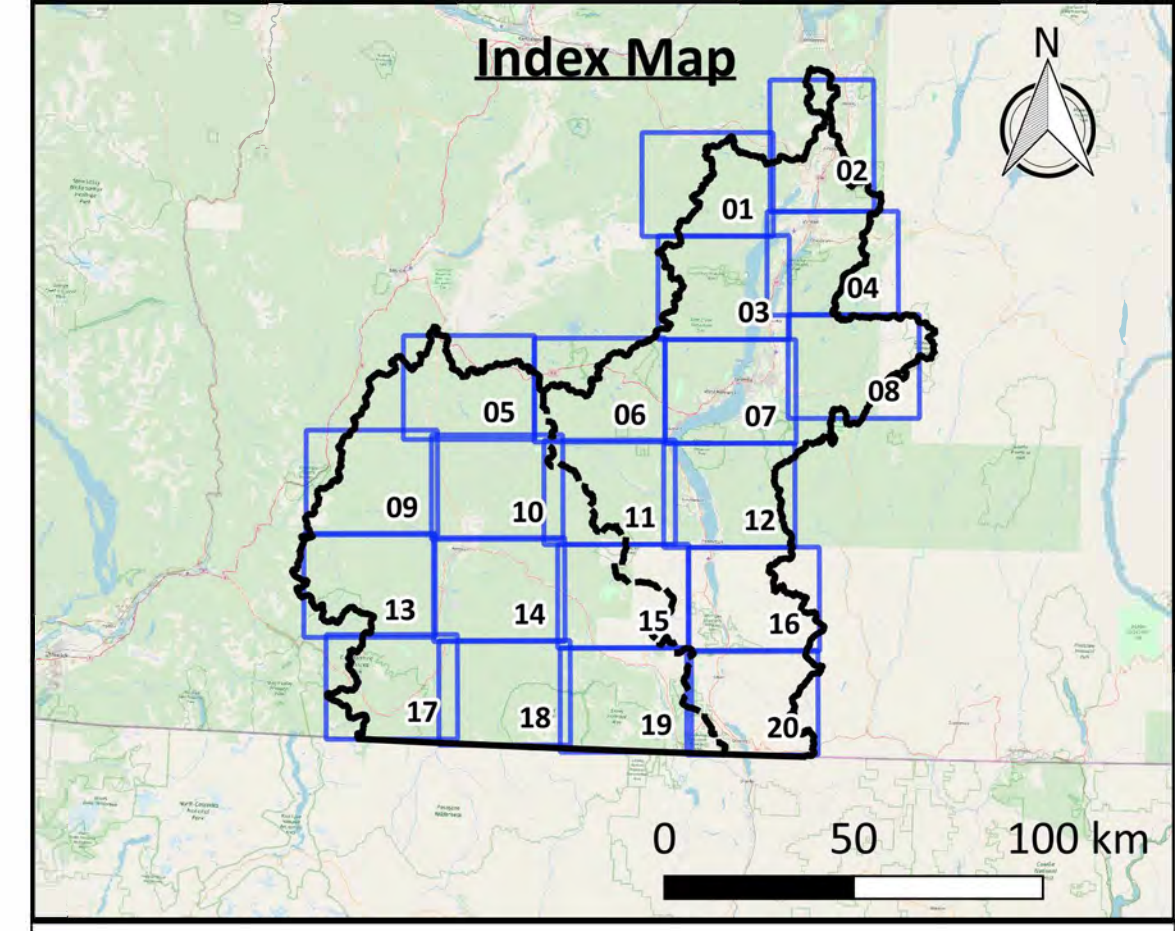
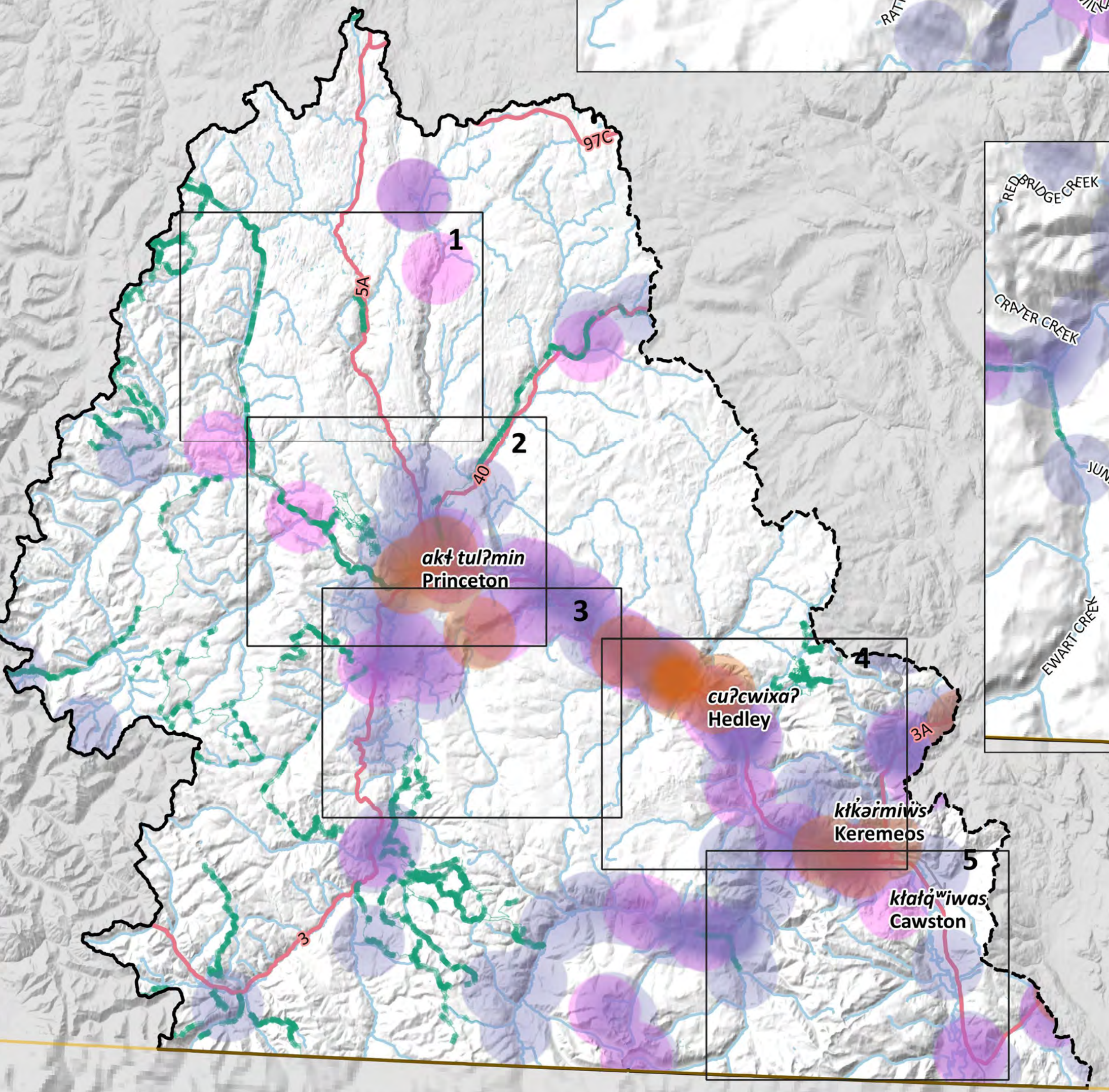
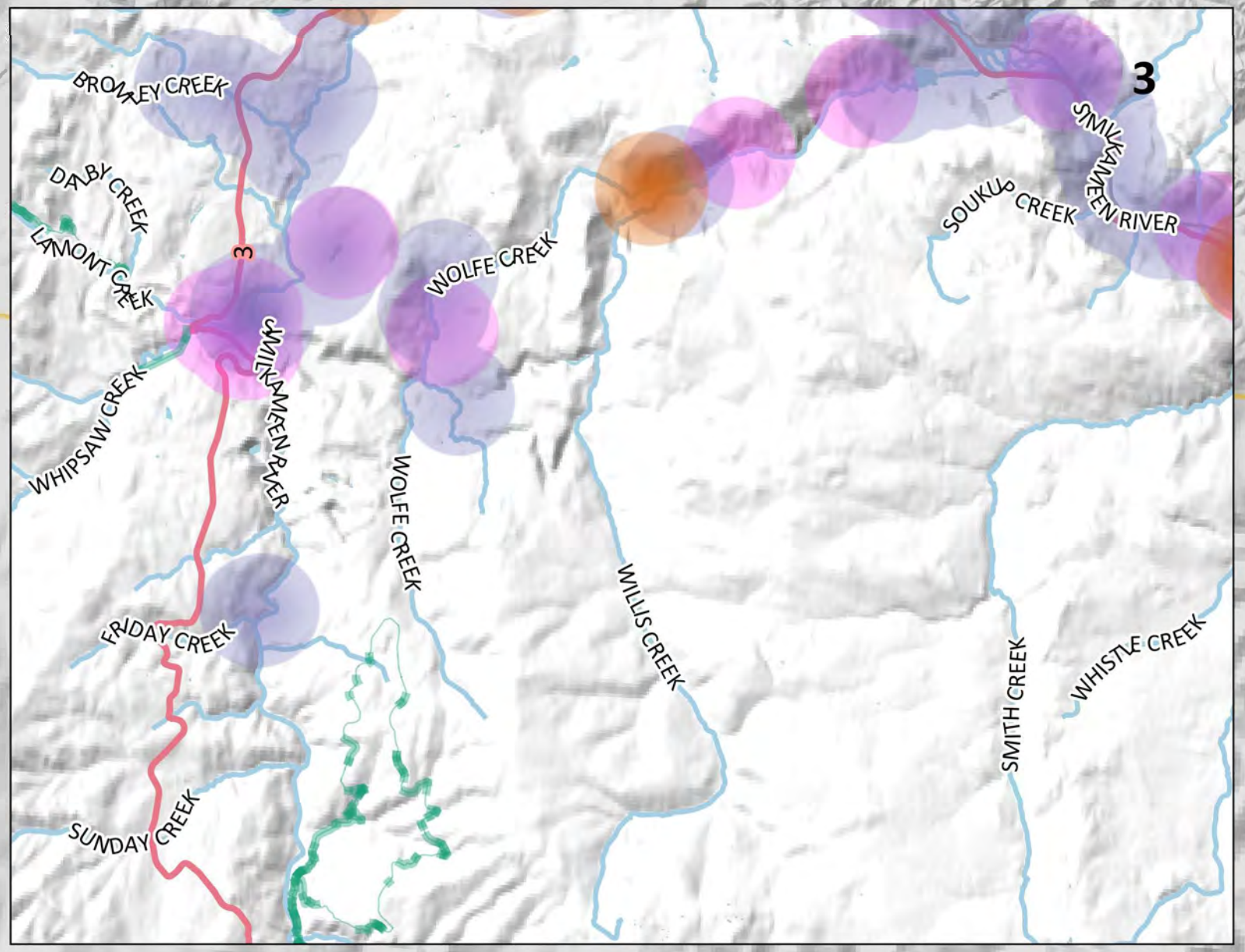
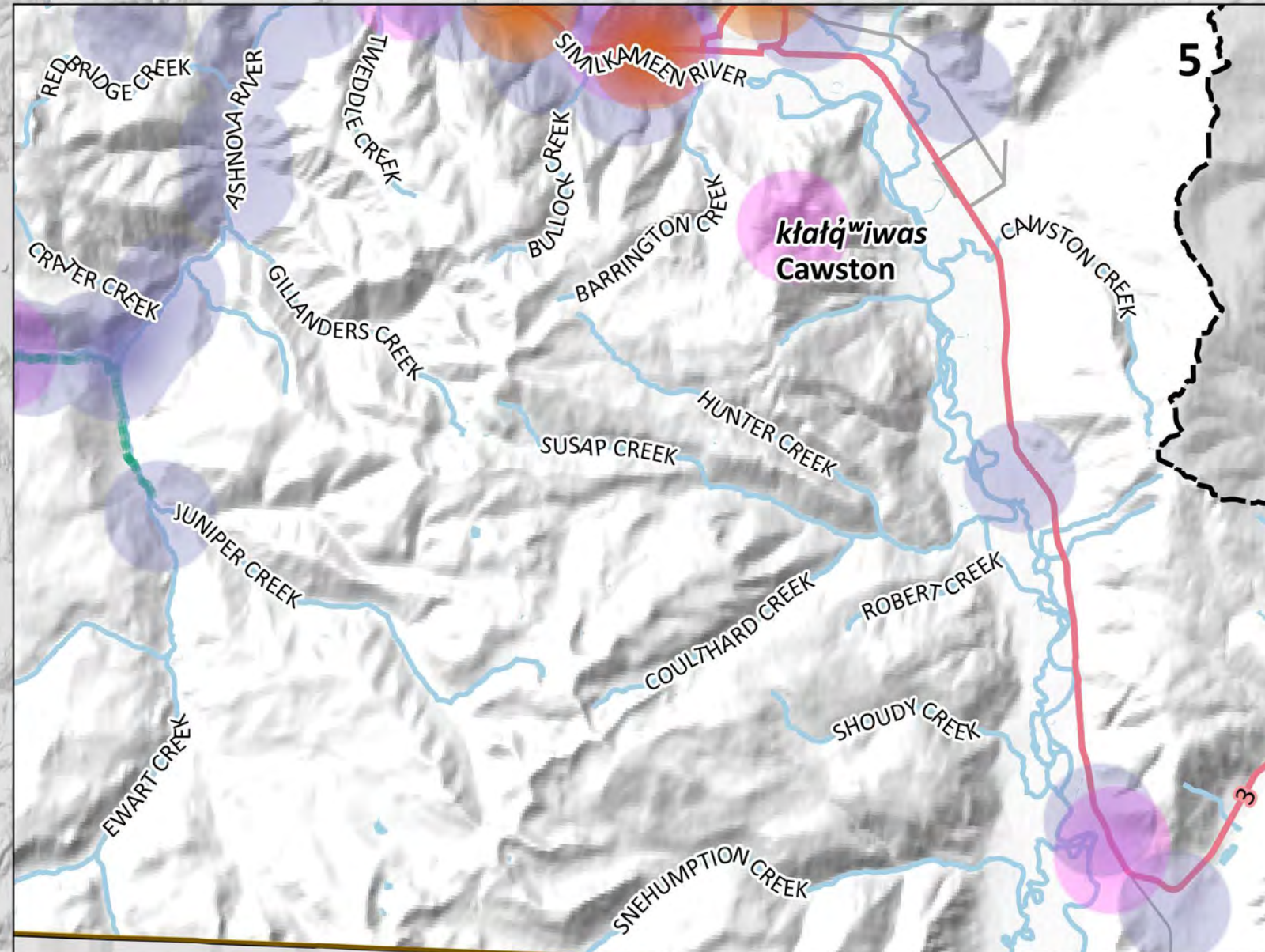
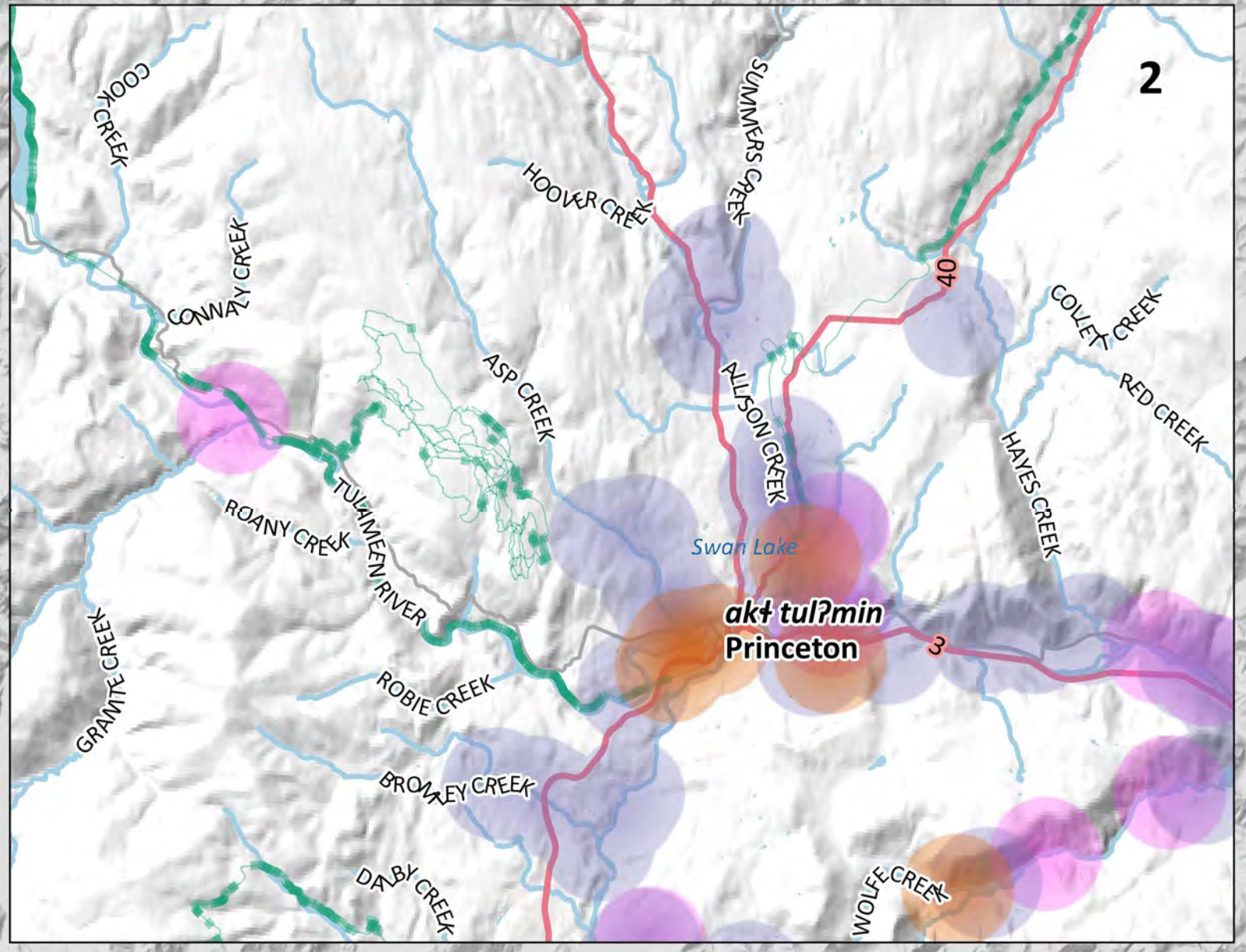
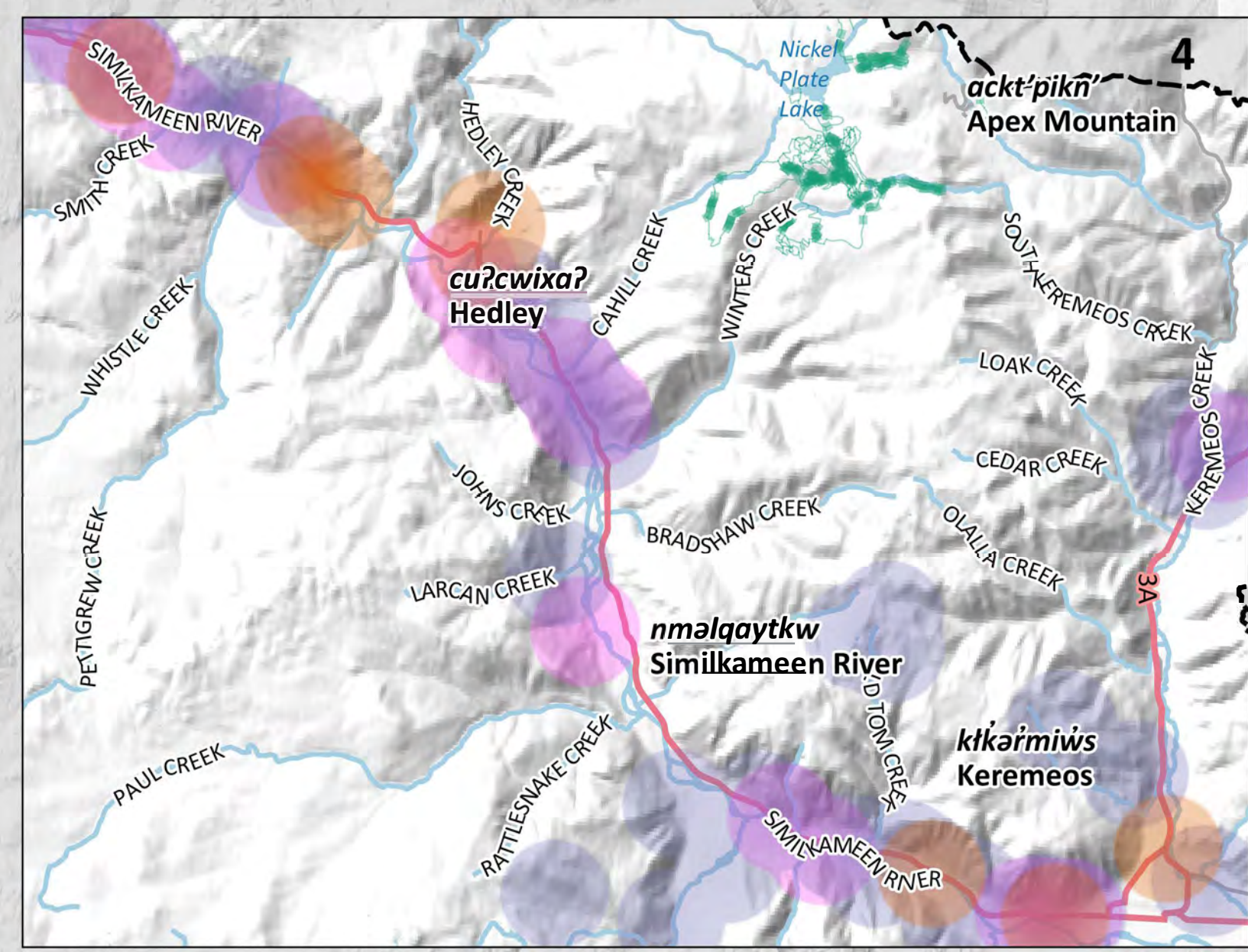
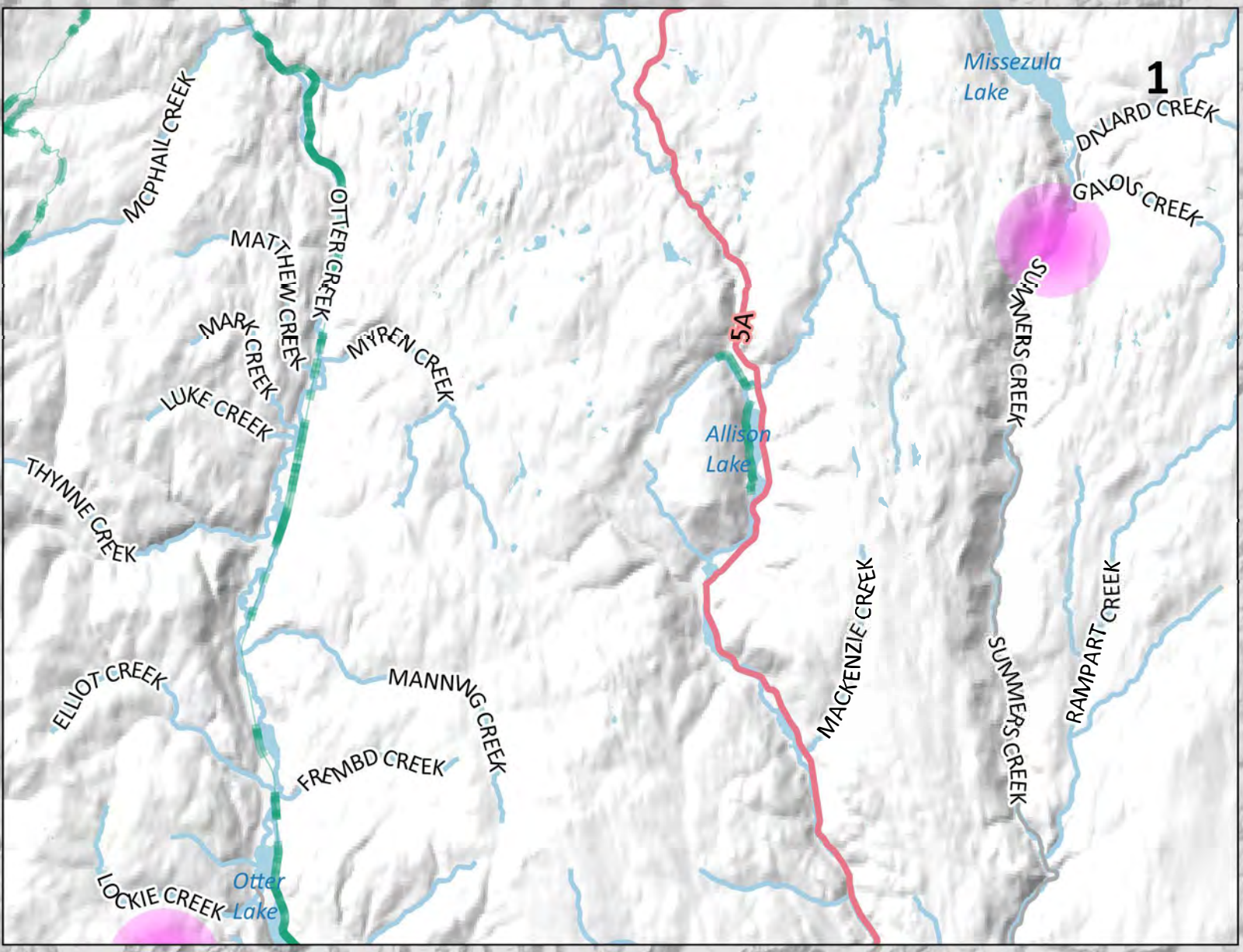
Date: 31 December 2019  
 Produced by: Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture - Okanagan**

ANSI D - Map No. C-D-002-002



# Similkameen Map



Click above map tile for Zoom-In map  
 Click here to return to Project Area map  
 Click here to go to Okanagan map

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**Scale**

**Main Map 1:400,000**  
 0 10 20 30 km

**Inset Maps 1:150,000**  
 0 5 10 15 km

**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	● Cultural Amenities
- - - Okanagan-Similkameen Boundary	● Sylix Sites
— Canada - US Border	● Non-Sylix Archaeology
■ Lakes	— Affected Recreation Trail
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

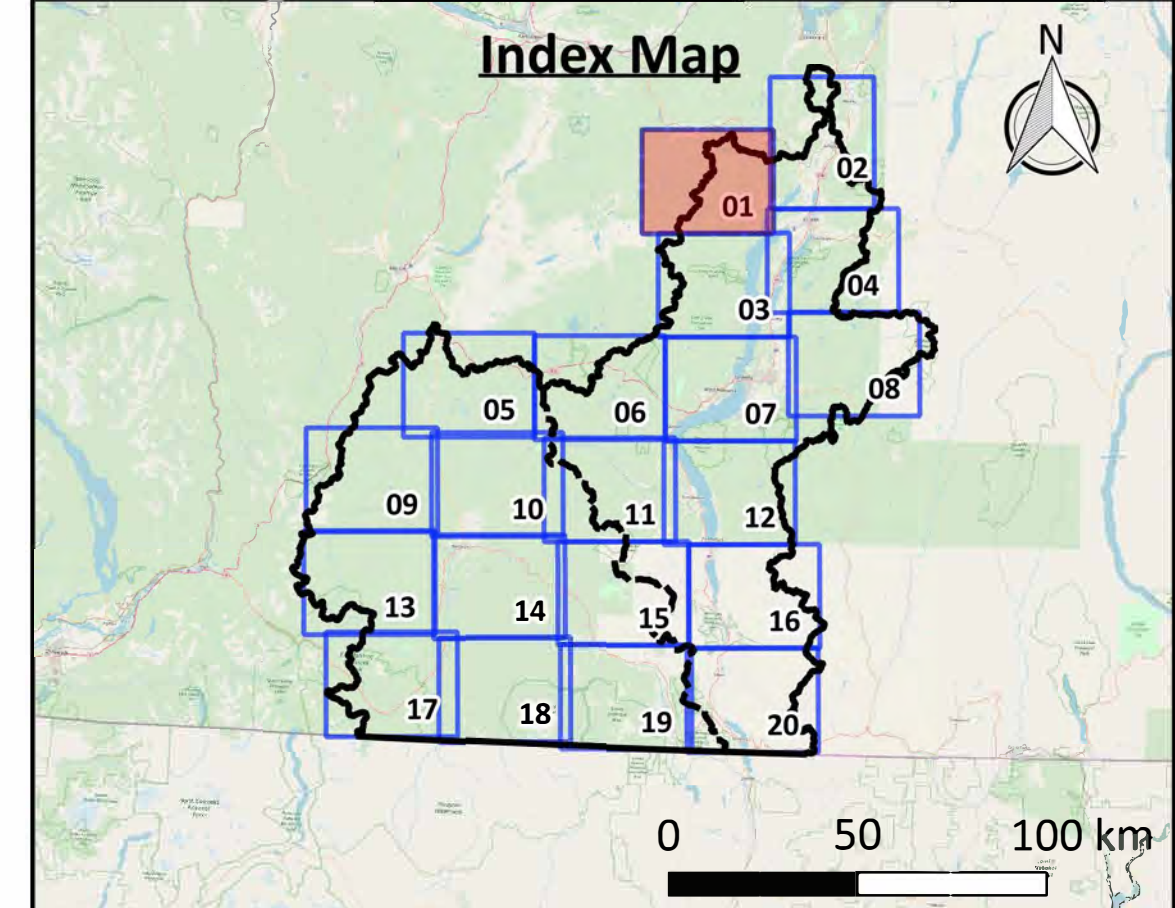
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture - Similkameen**

ANSI D - Map No. C-D-002-003



**Zoom-In Map**



Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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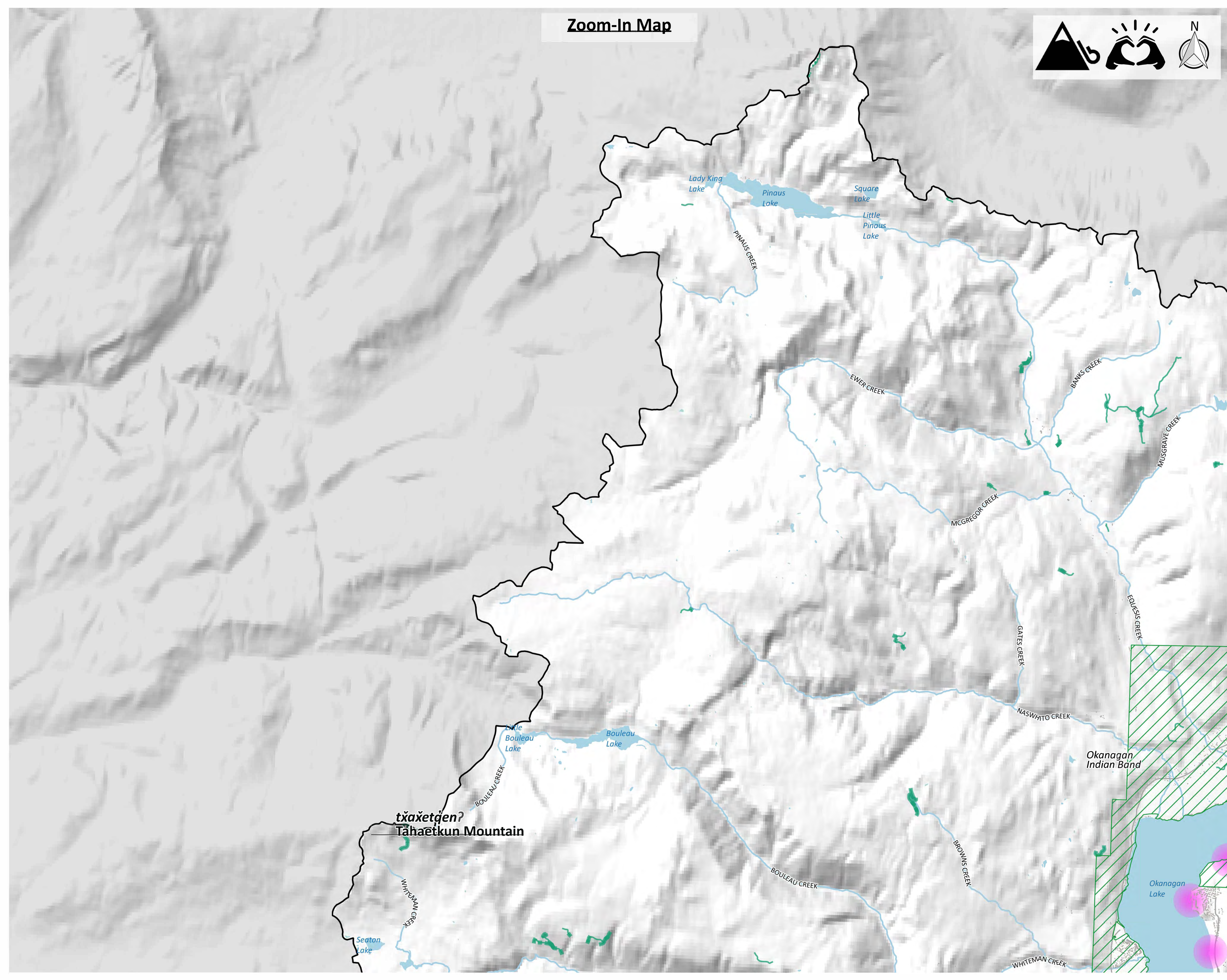


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	🚶 Affected Recreation Trail
■ Building Footprints	🔍 Non-Sylix Archaeology
■ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

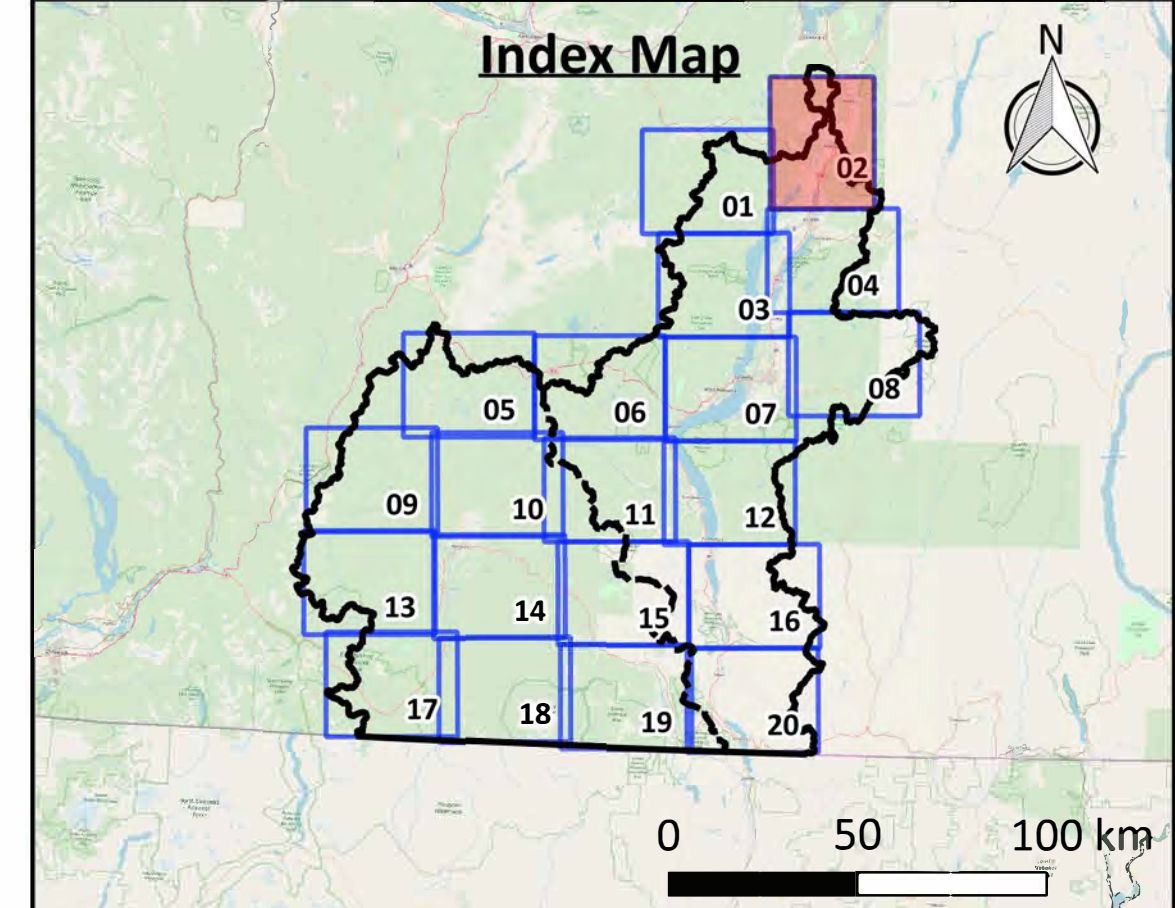
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 01 of 20**

ANSI D - Map No. C-D-003-001





**Zoom-In Map**



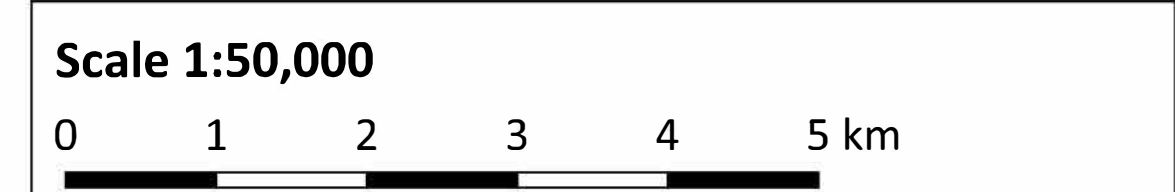
Click above map tile for Zoom-In map  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

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**Data Sources**

- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

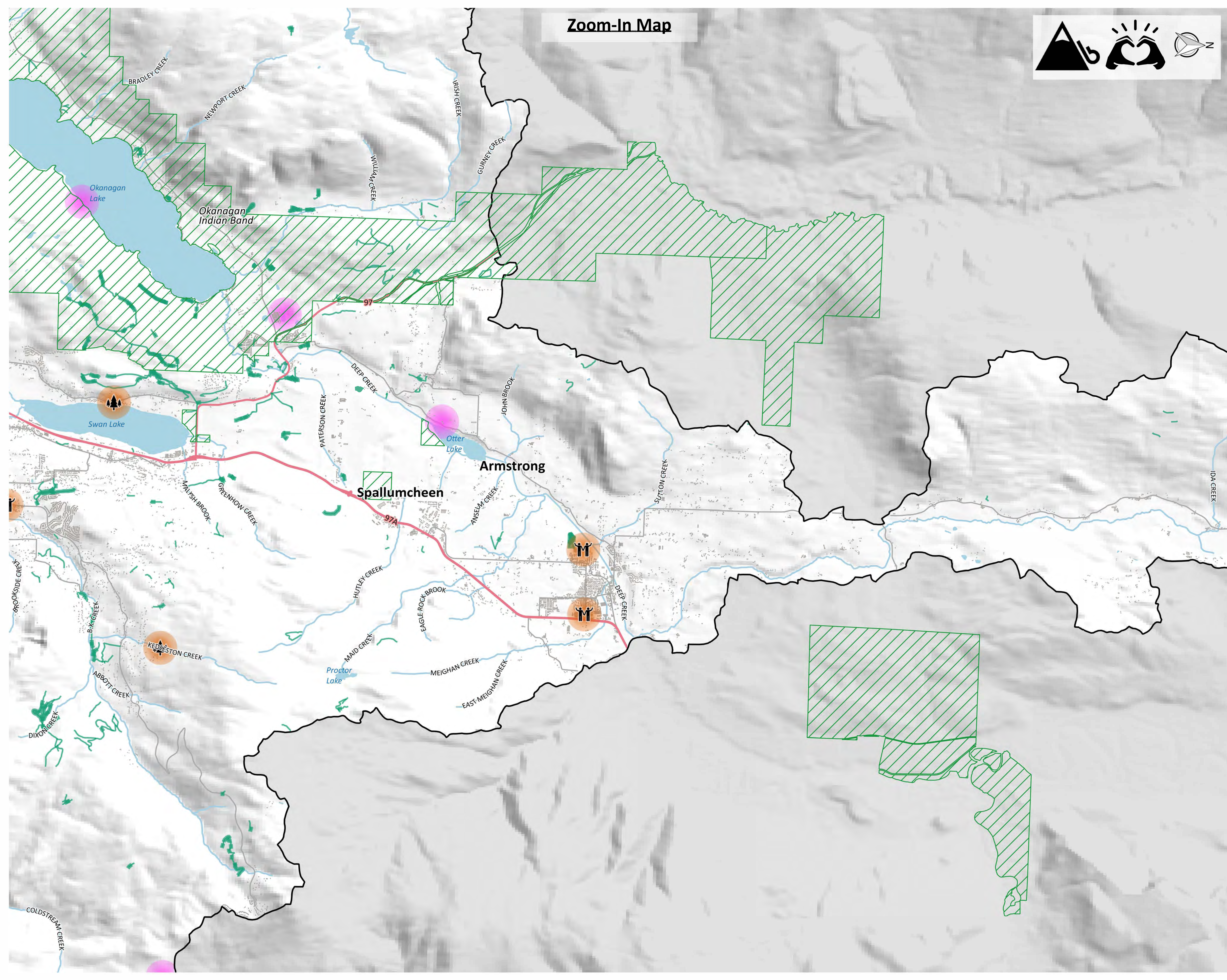


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

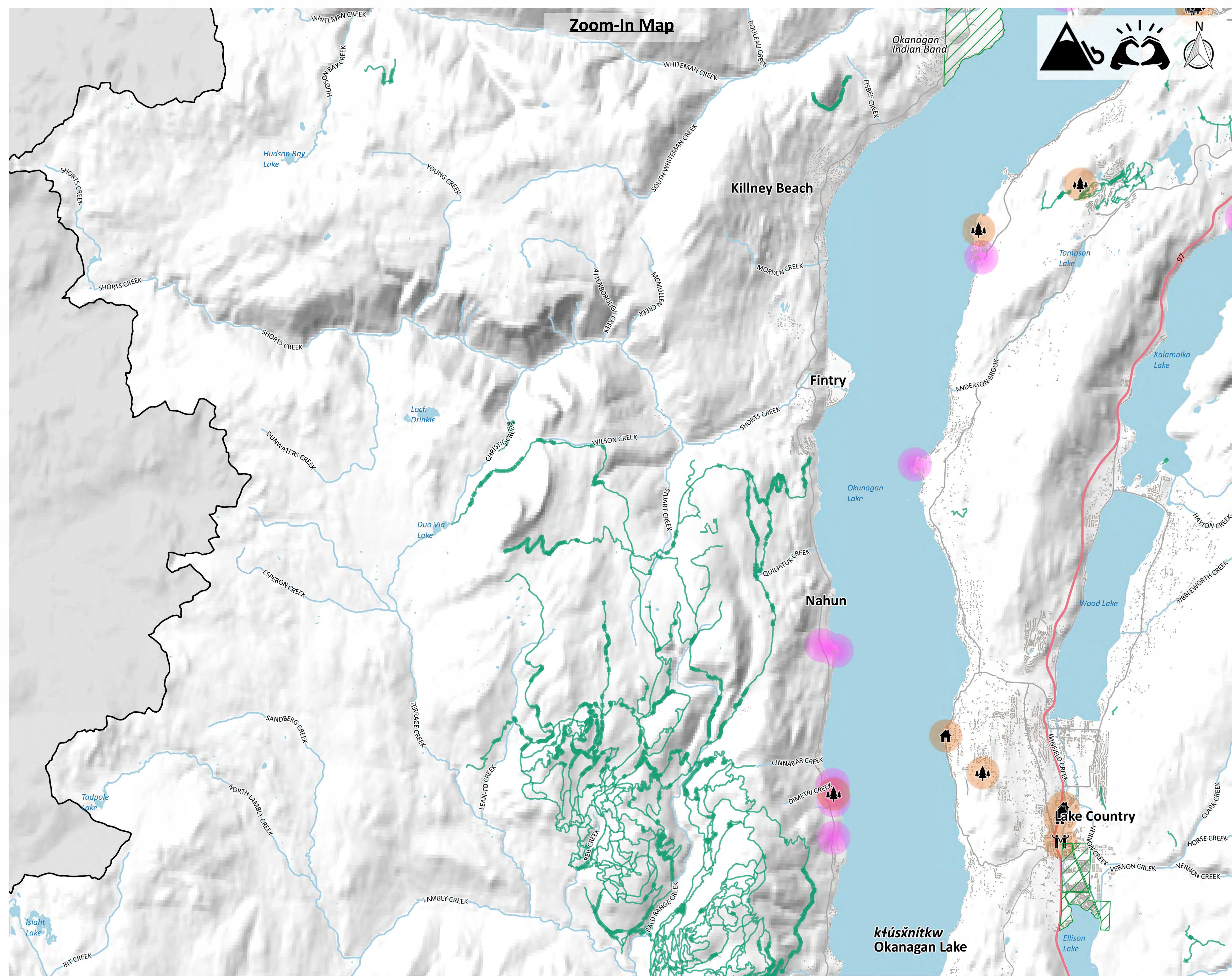
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 02 of 20**

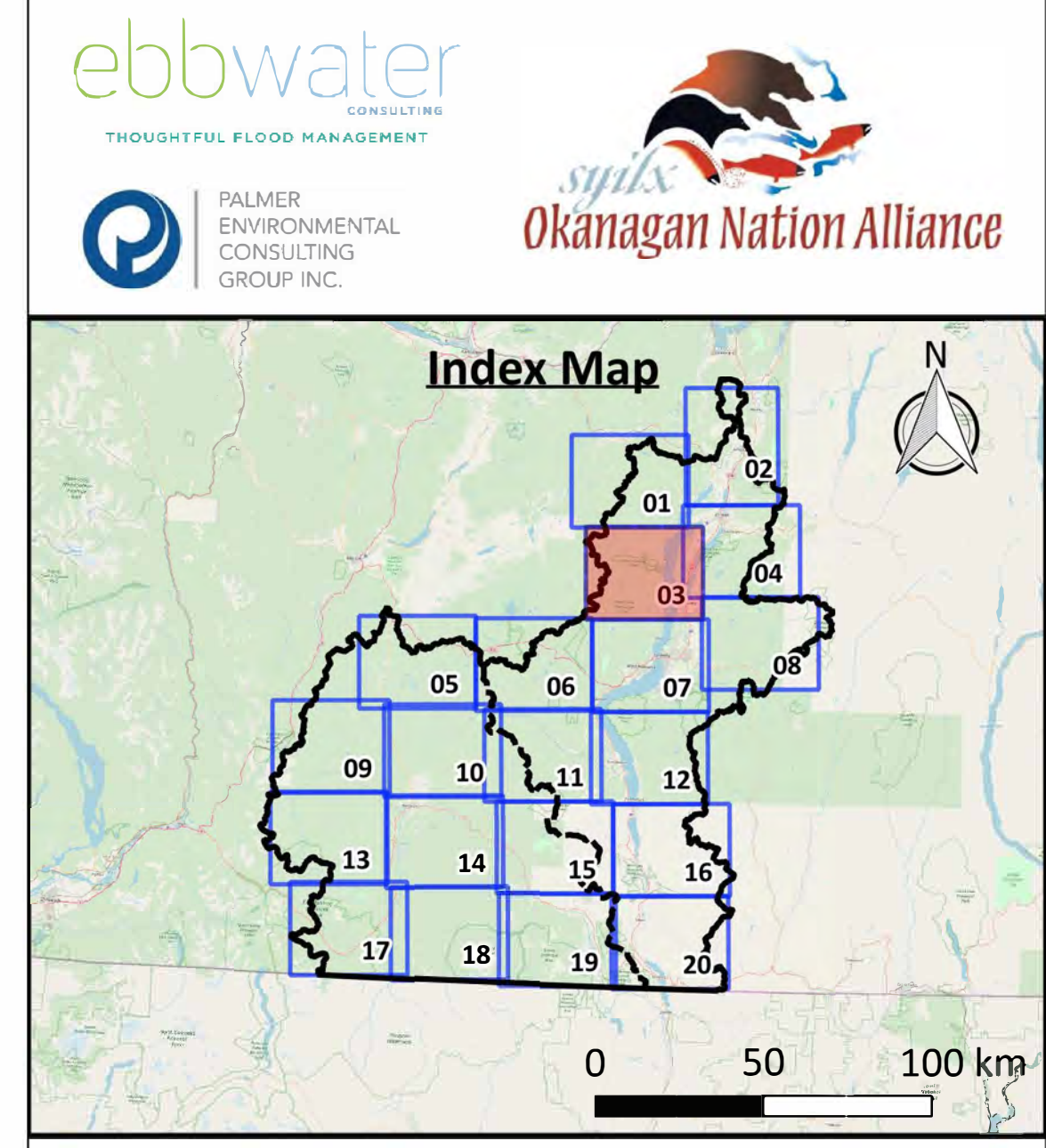
ANSI D - Map No. C-D-003-002







**Zoom-In Map**



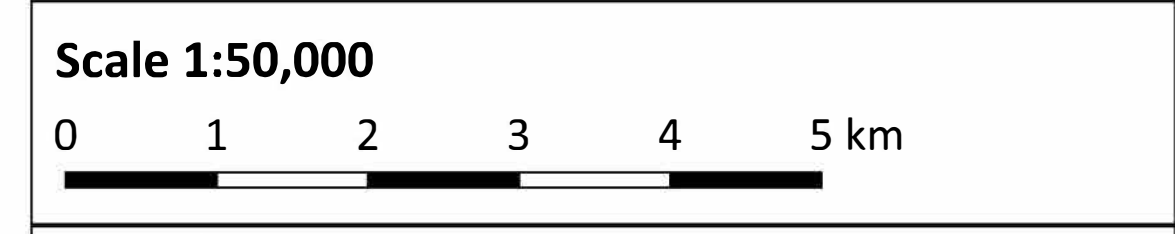
Click above map tile for Zoom-In map  
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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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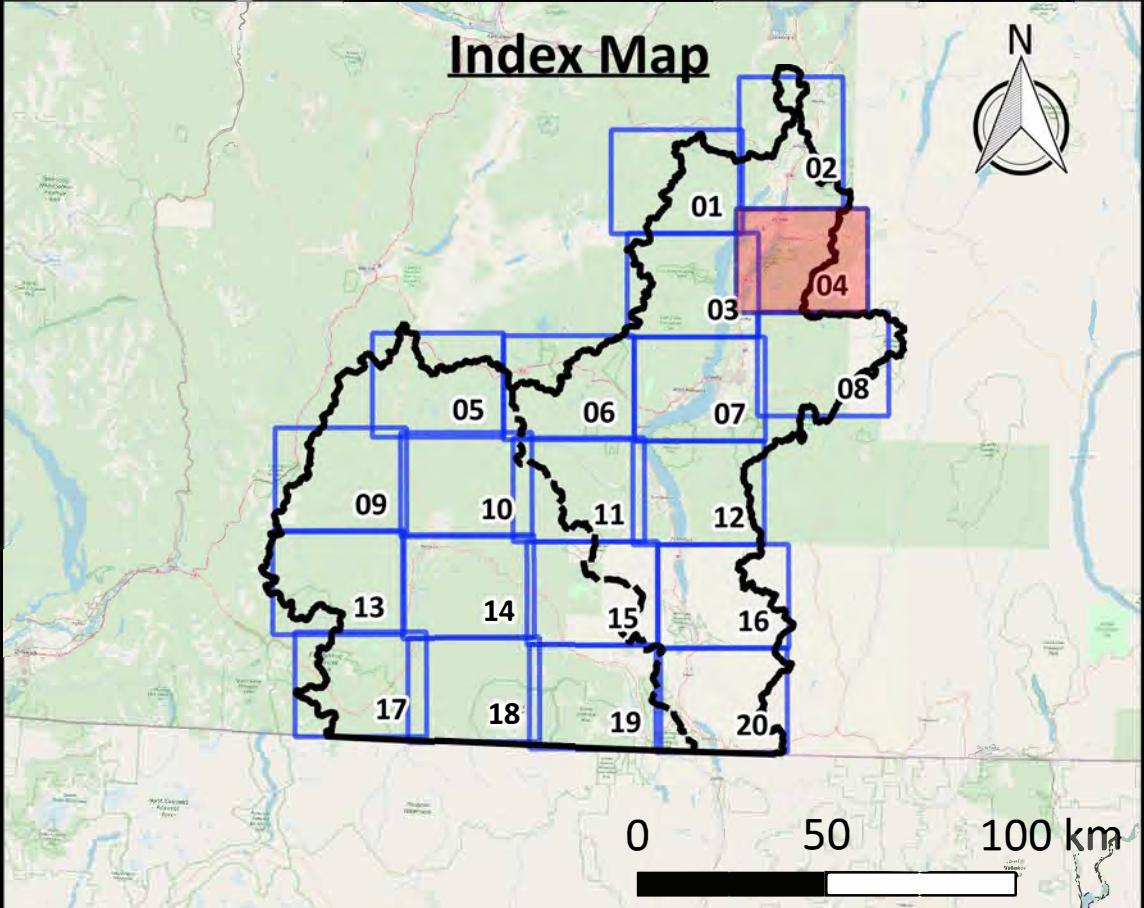
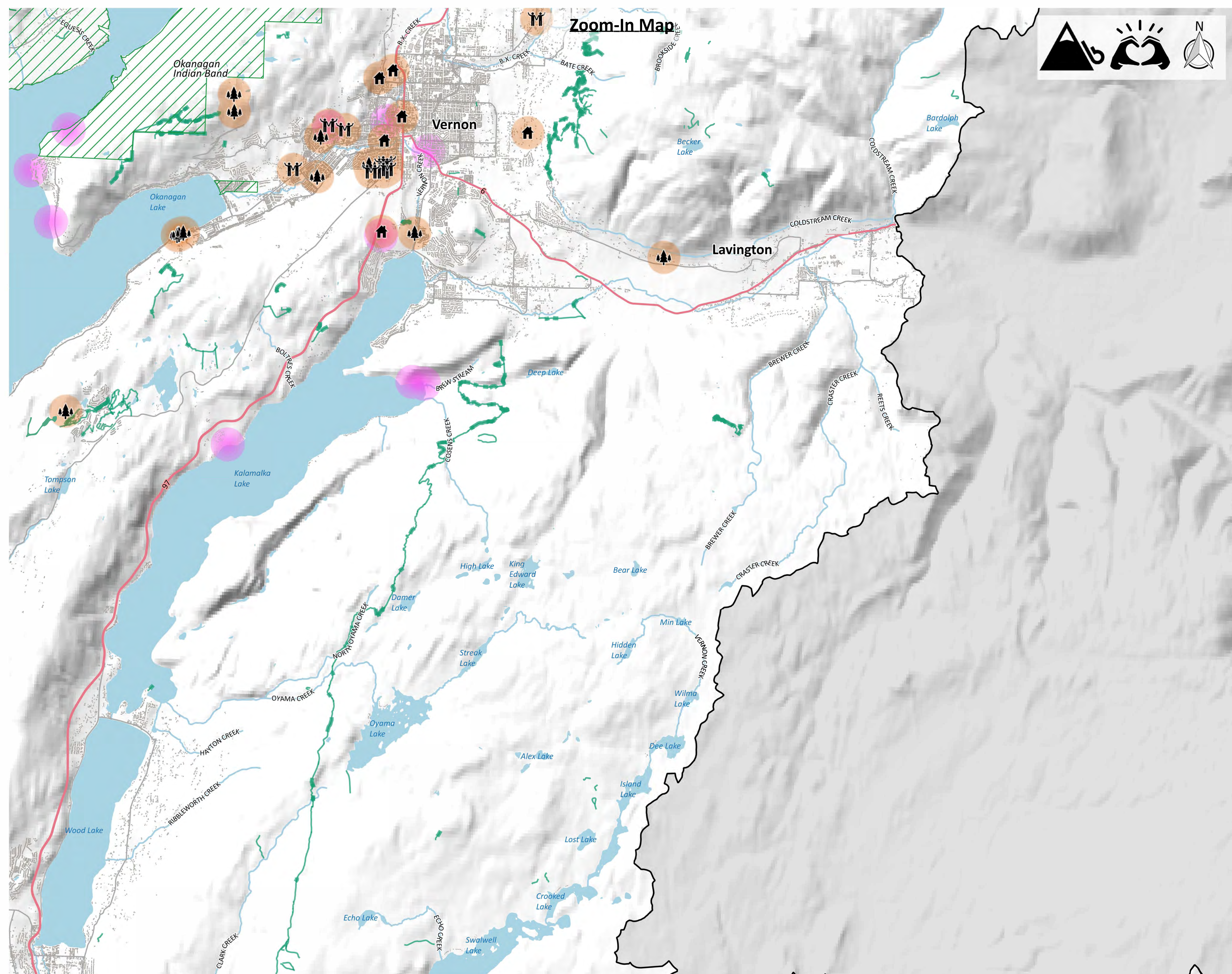
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
--- Okanagan-Similkameen Boundary	🌲 Indoor Recreation and Facilities
— Canada - US Border	🌲 Outdoor Space and Recreation
🟩 Reserves	🙏 Social and Religious Centers
🏠 Building Footprints	🟩 Affected Recreation Trail
🟦 Lakes	🟪 Non-Sylix Archaeology
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🟩 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 03 of 20**

ANSI D - Map No. C-D-003-003





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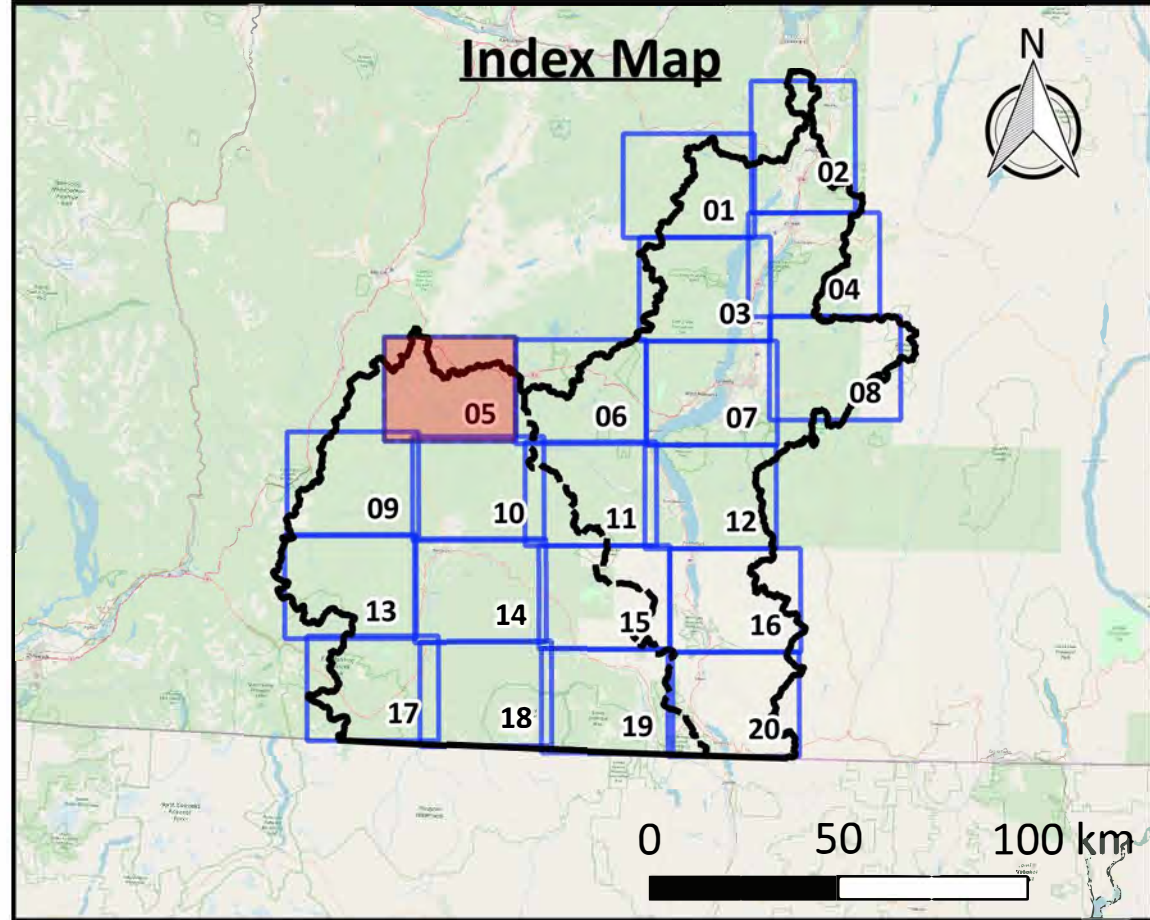
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Cultural Amenities
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
▨ Reserves	Social and Religious Centers
▨ Building Footprints	Affected Recreation Trail
▨ Lakes	Non-Sylix Archaeology
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 04 of 20**



**Zoom-In Map**



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**Data Sources**

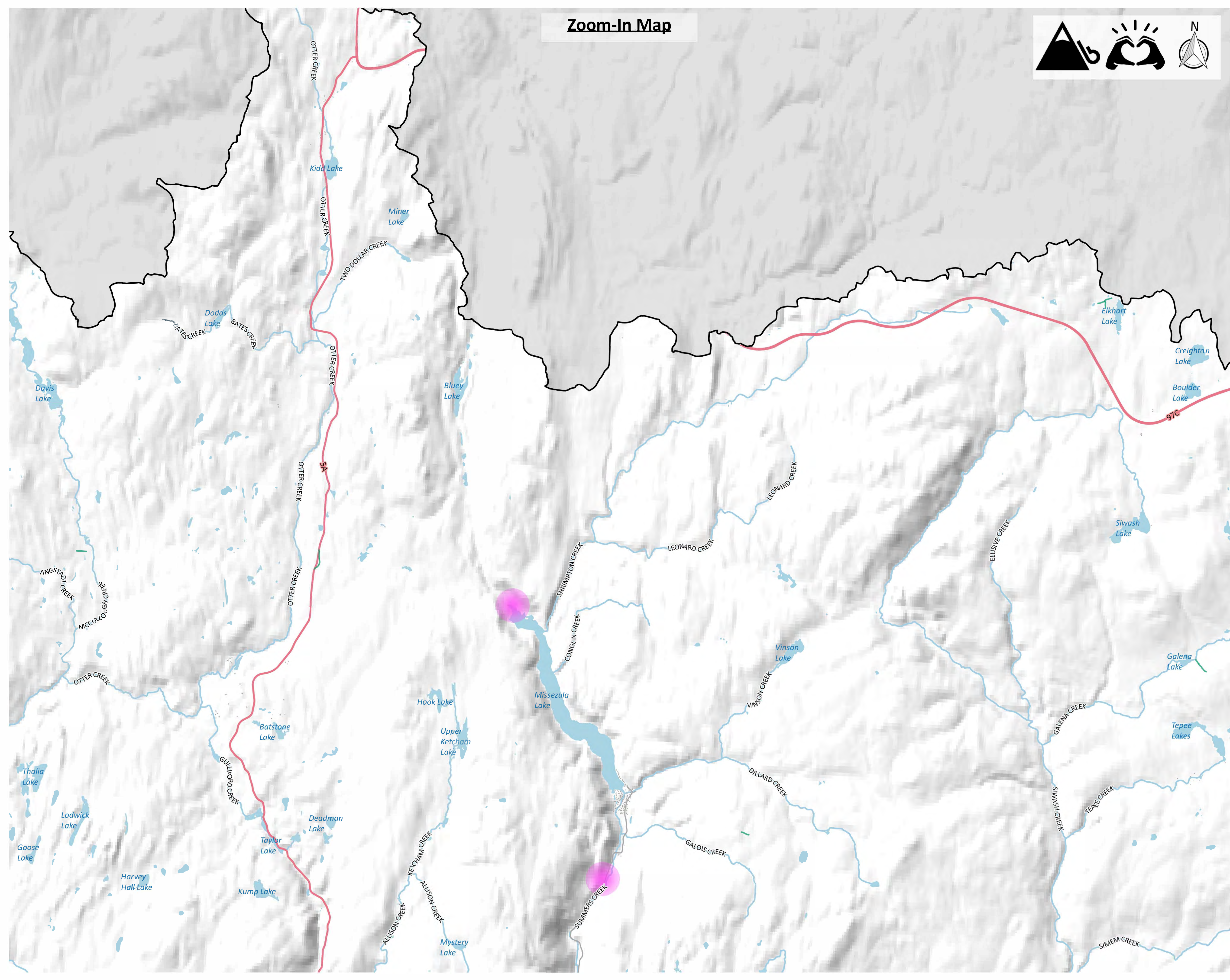
- Lakes and Watercourses, Roads and Trails, and Reserves: BC Data Catalogue.
- Cultural Buildings: BC Assessment and Westbank First Nation.
- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
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Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▭ Reserves	🚶 Affected Recreation Trail
▭ Building Footprints	🔍 Non-Sylix Archaeology
▭ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

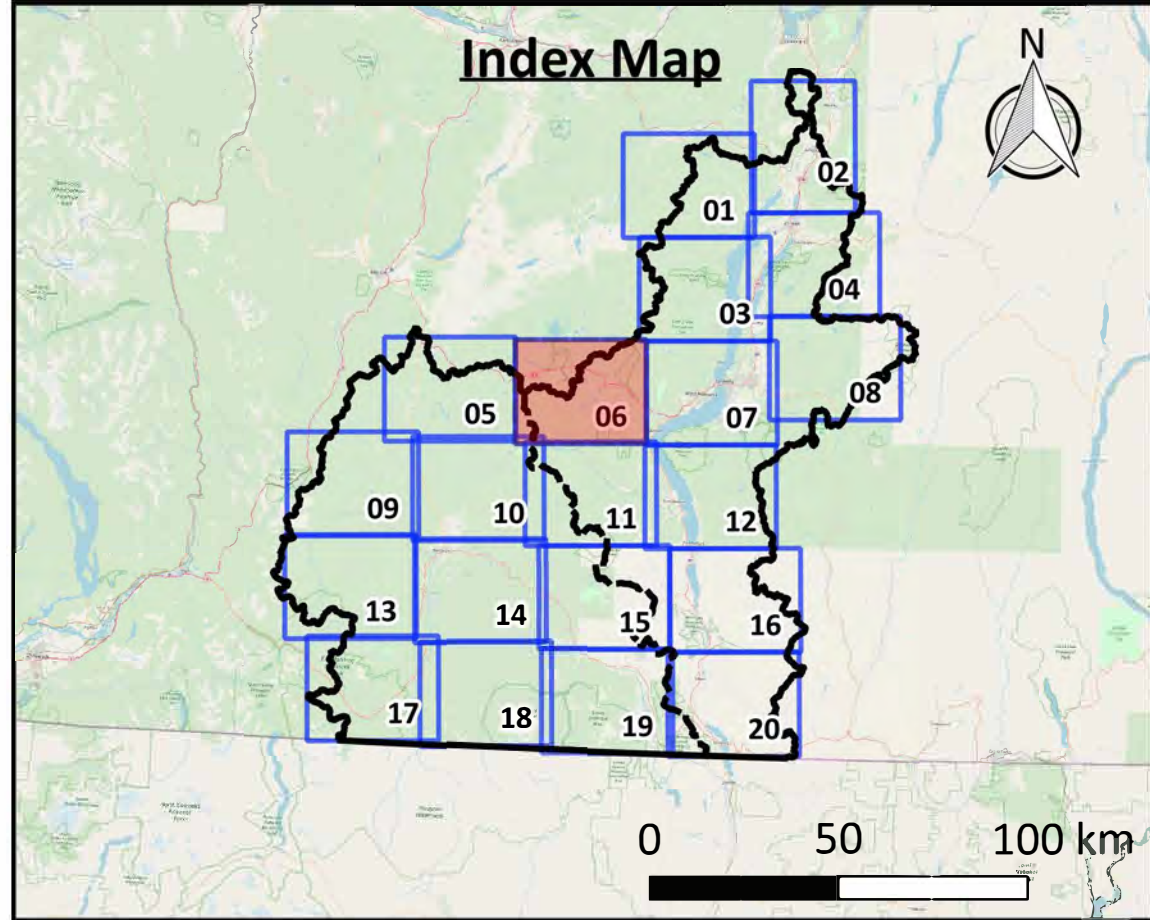
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 05 of 20**





**Zoom-In Map**



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[Click here to return to Similkameen map](#)

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- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

**Scale 1:50,000**

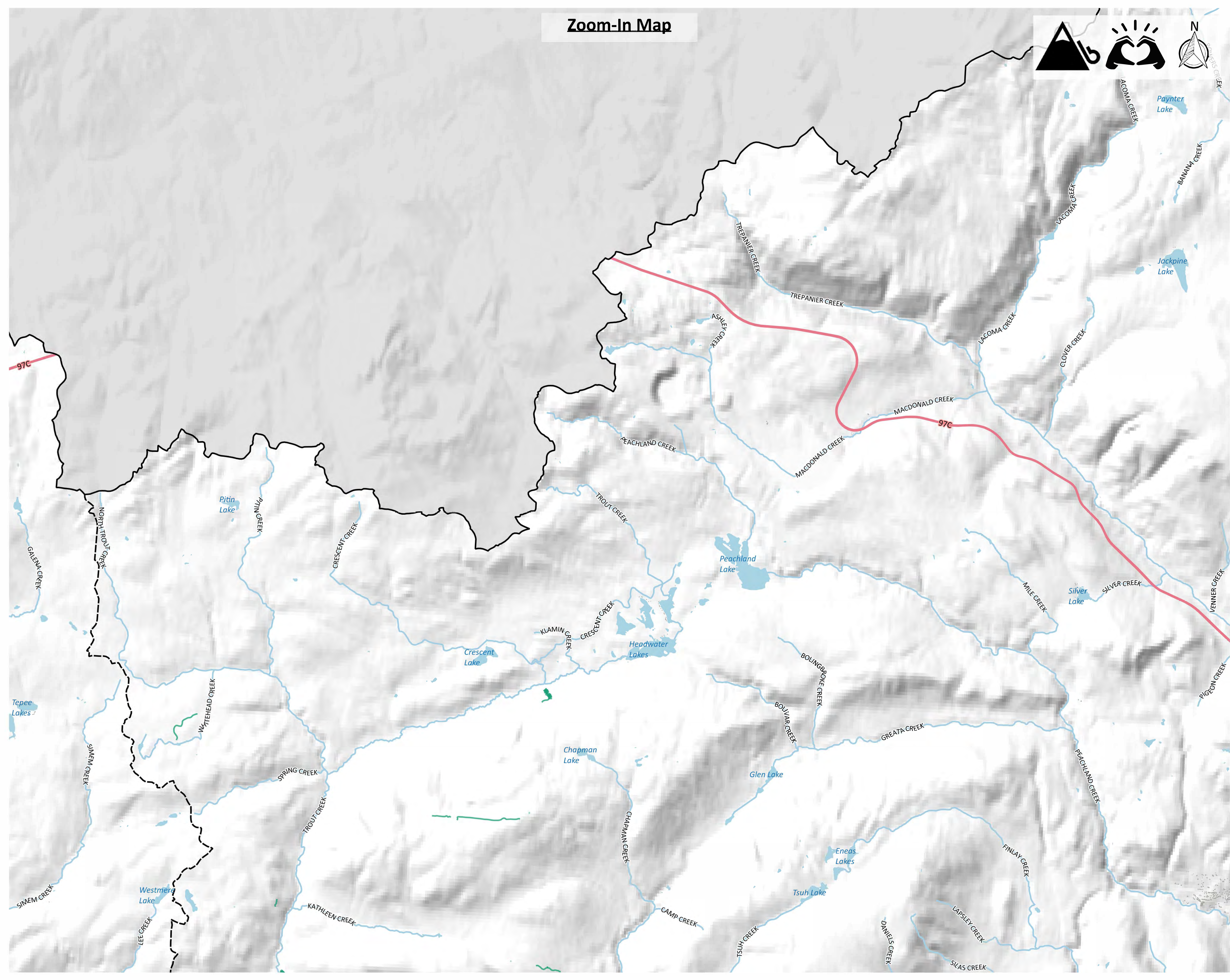
0 1 2 3 4 5 km

Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🔍 Non-Sylix Archaeology
🌊 Lakes	
🌊 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

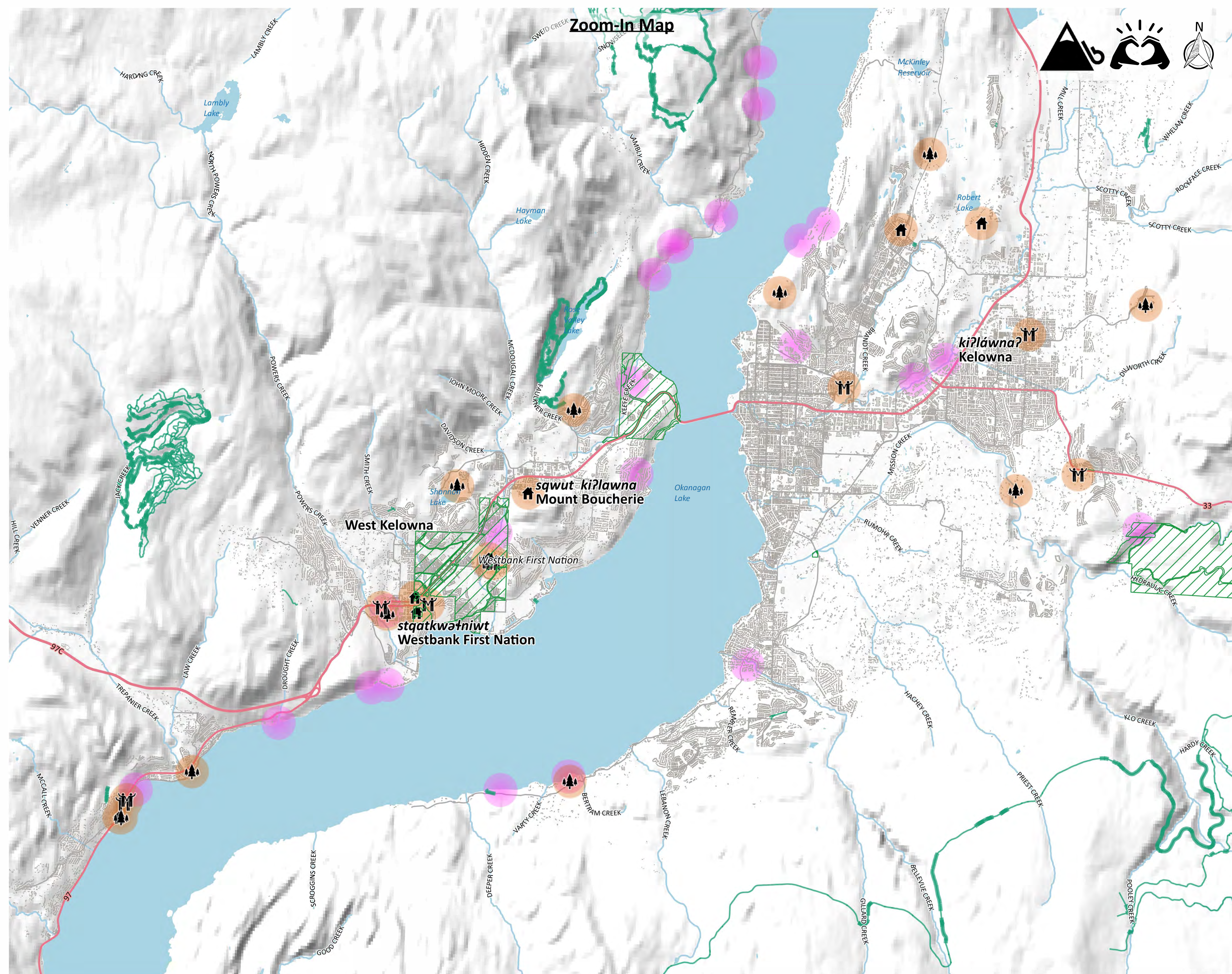
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 06 of 20**

ANSI D - Map No. C-D-003-006







**Zoom-In Map**

**Index Map**

0 50 100 km

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[Click here to return to Similkameen map](#)

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**Scale 1:50,000**

0 1 2 3 4 5 km

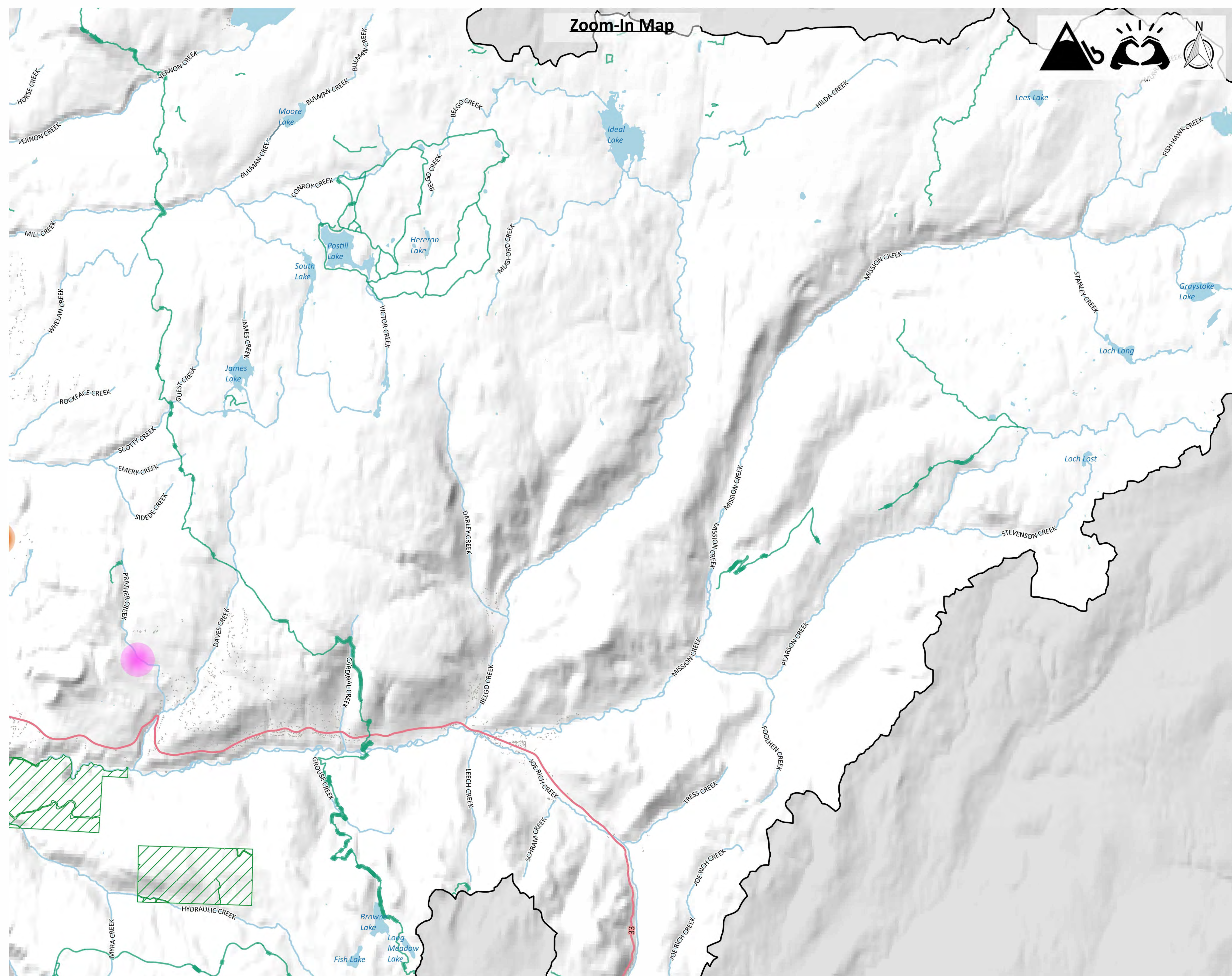
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	👤 Affected Recreation Trail
▨ Building Footprints	👤 Non-Sylix Archaeology
▨ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

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**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 07 of 20**

ANSI D - Map No. C-D-003-007





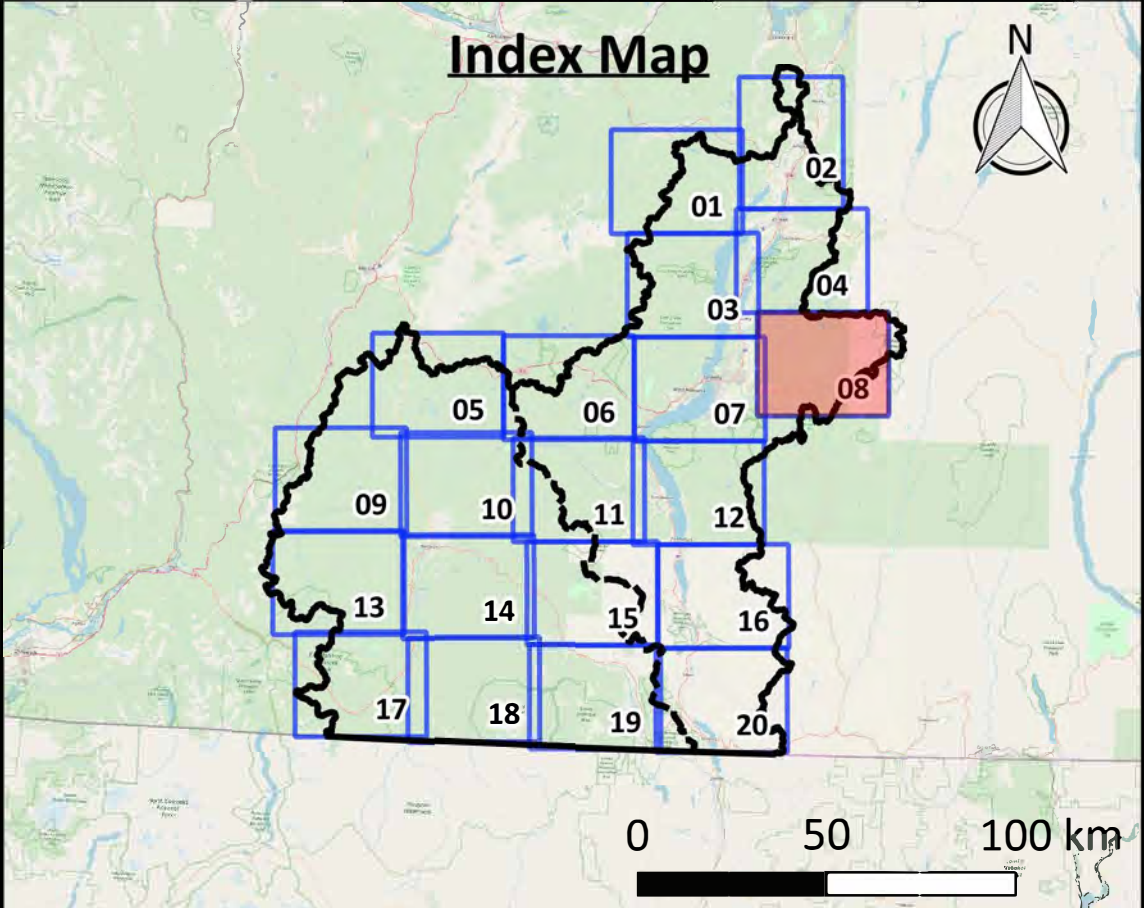
**Zoom-In Map**



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THOUGHTFUL FLOOD MANAGEMENT

**Palmer Environmental Consulting Group Inc.**

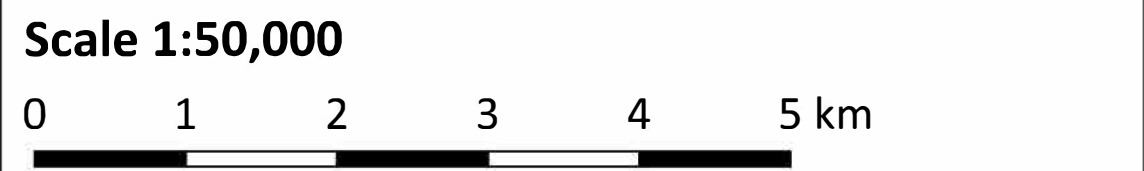
**Sylix Okanagan Nation Alliance**



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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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  - Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.



Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	🚶 Affected Recreation Trail
■ Building Footprints	🔍 Non-Sylix Archaeology
■ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

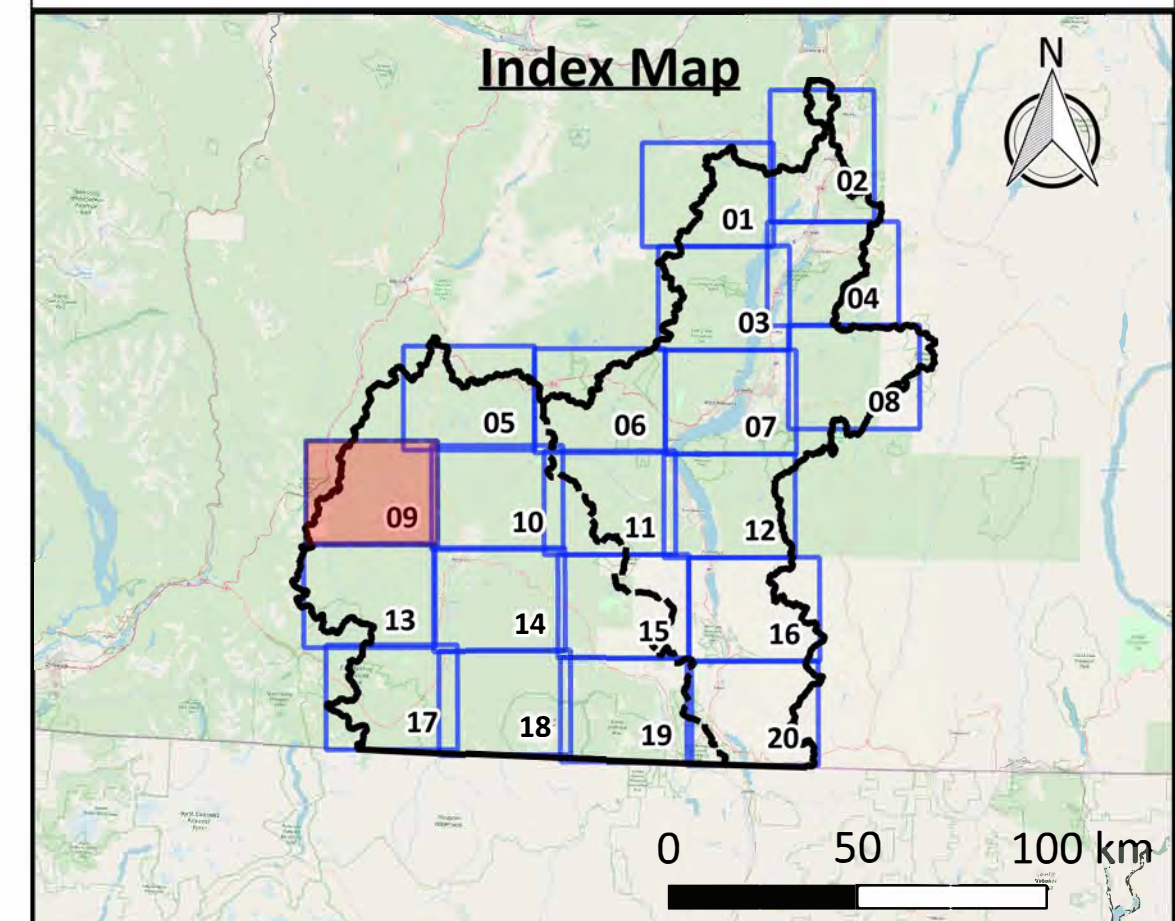
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 08 of 20**

ANSI D - Map No. C-D-003-008



**Zoom-In Map**



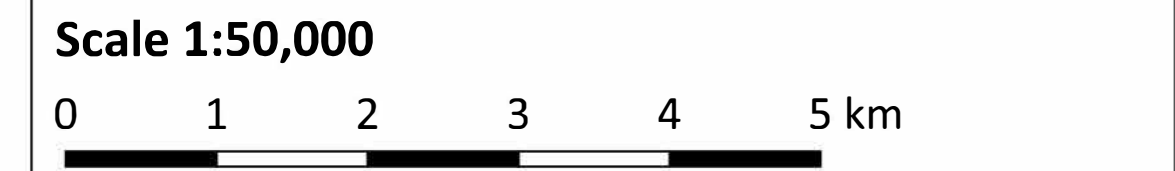
Click above map tile for Zoom-In map  
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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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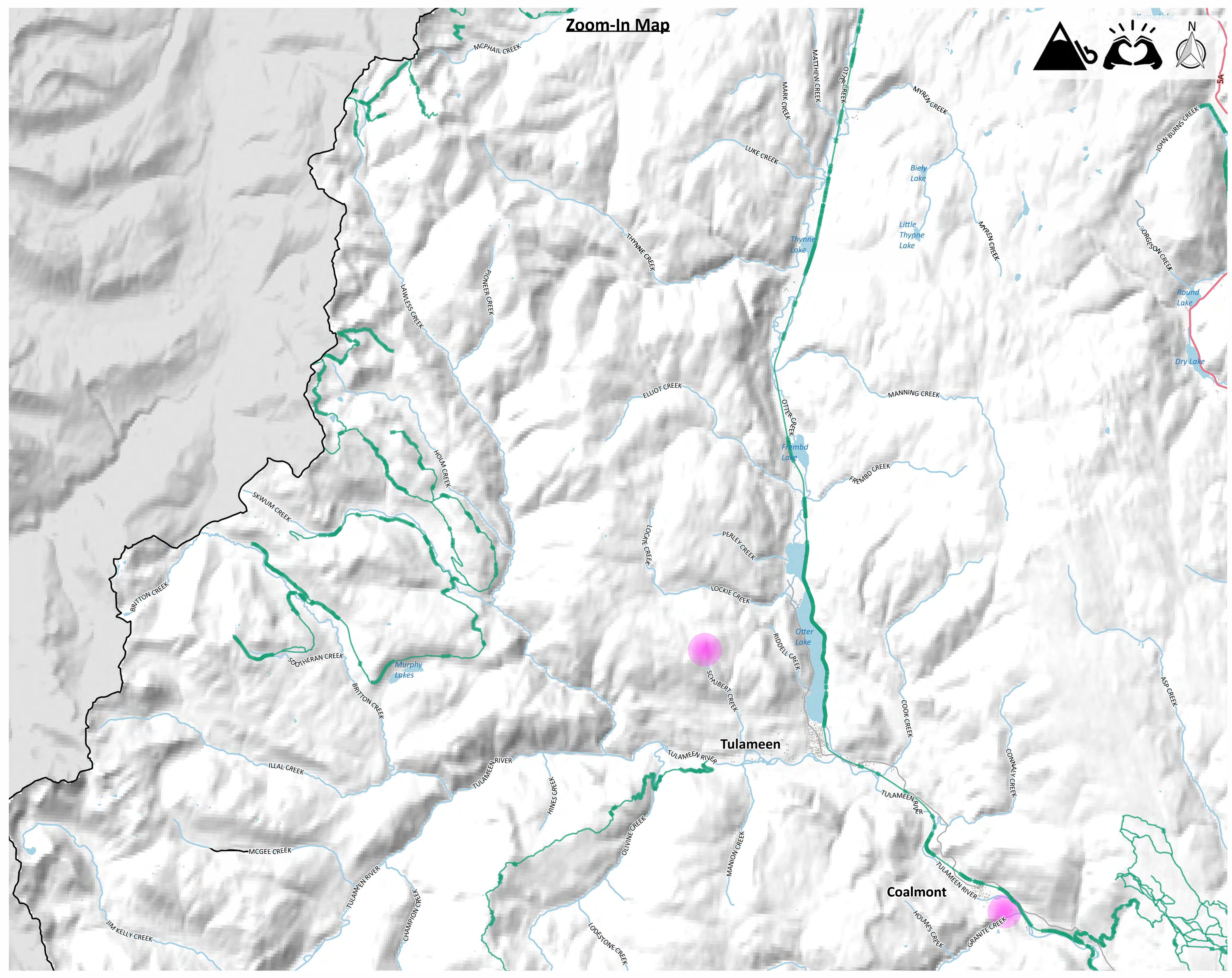


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟪 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

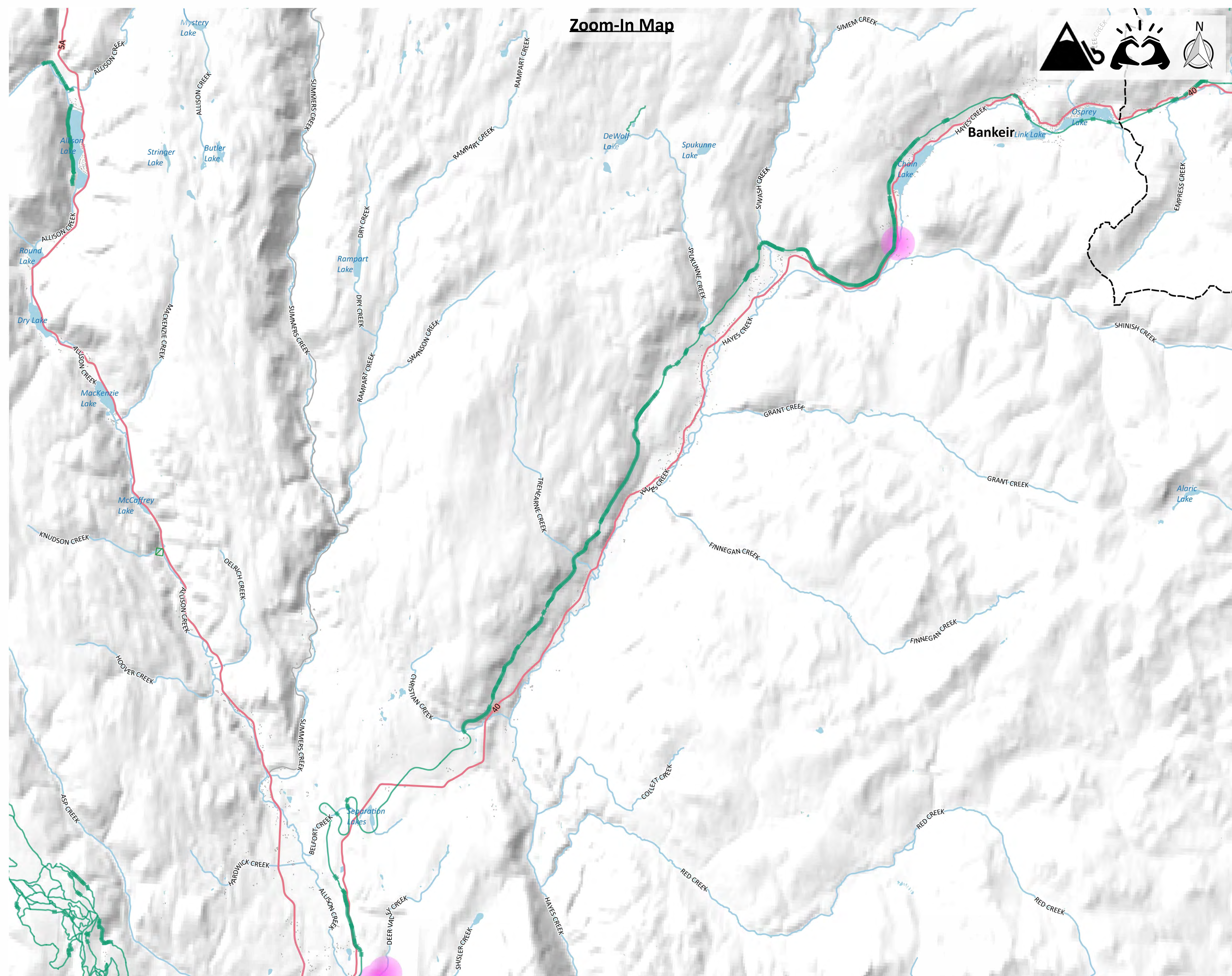
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 09 of 20**

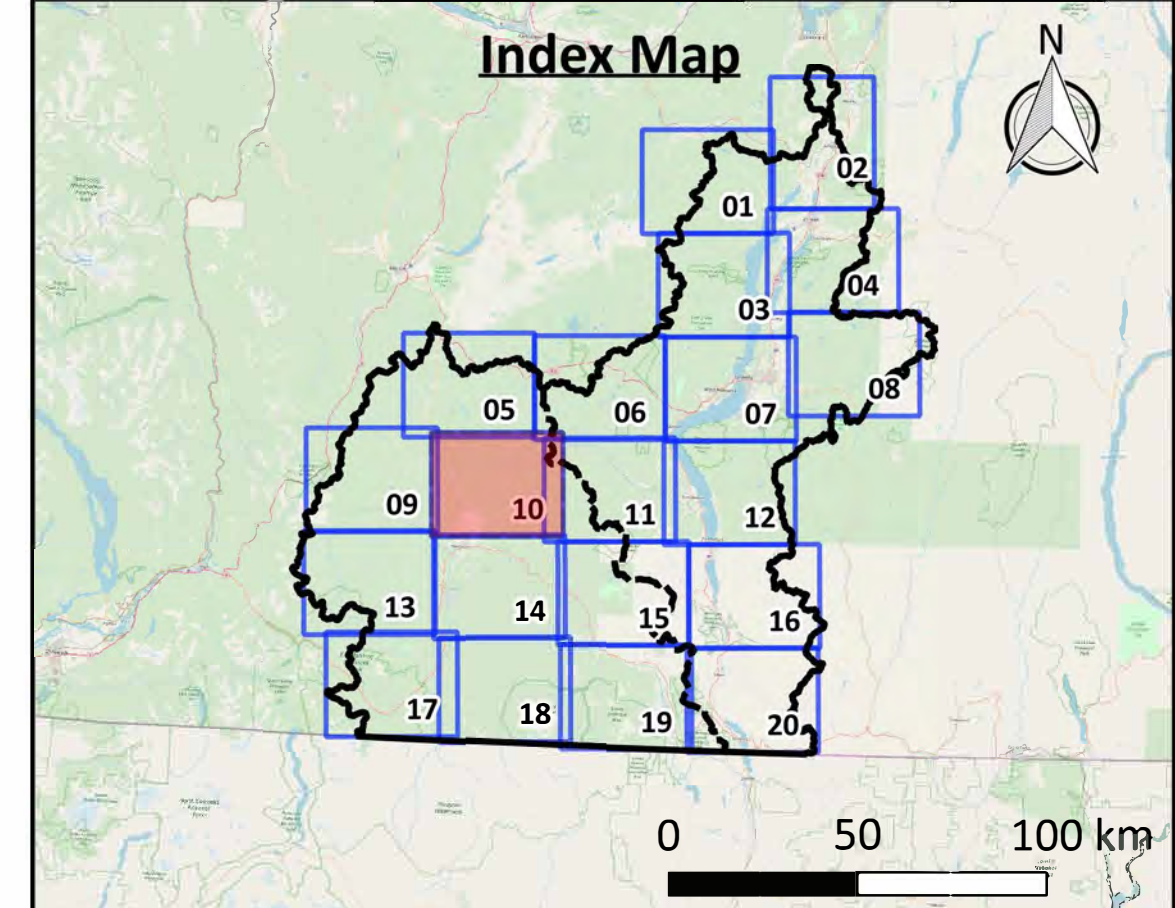
ANSI D - Map No. C-D-003-009







**Zoom-In Map**



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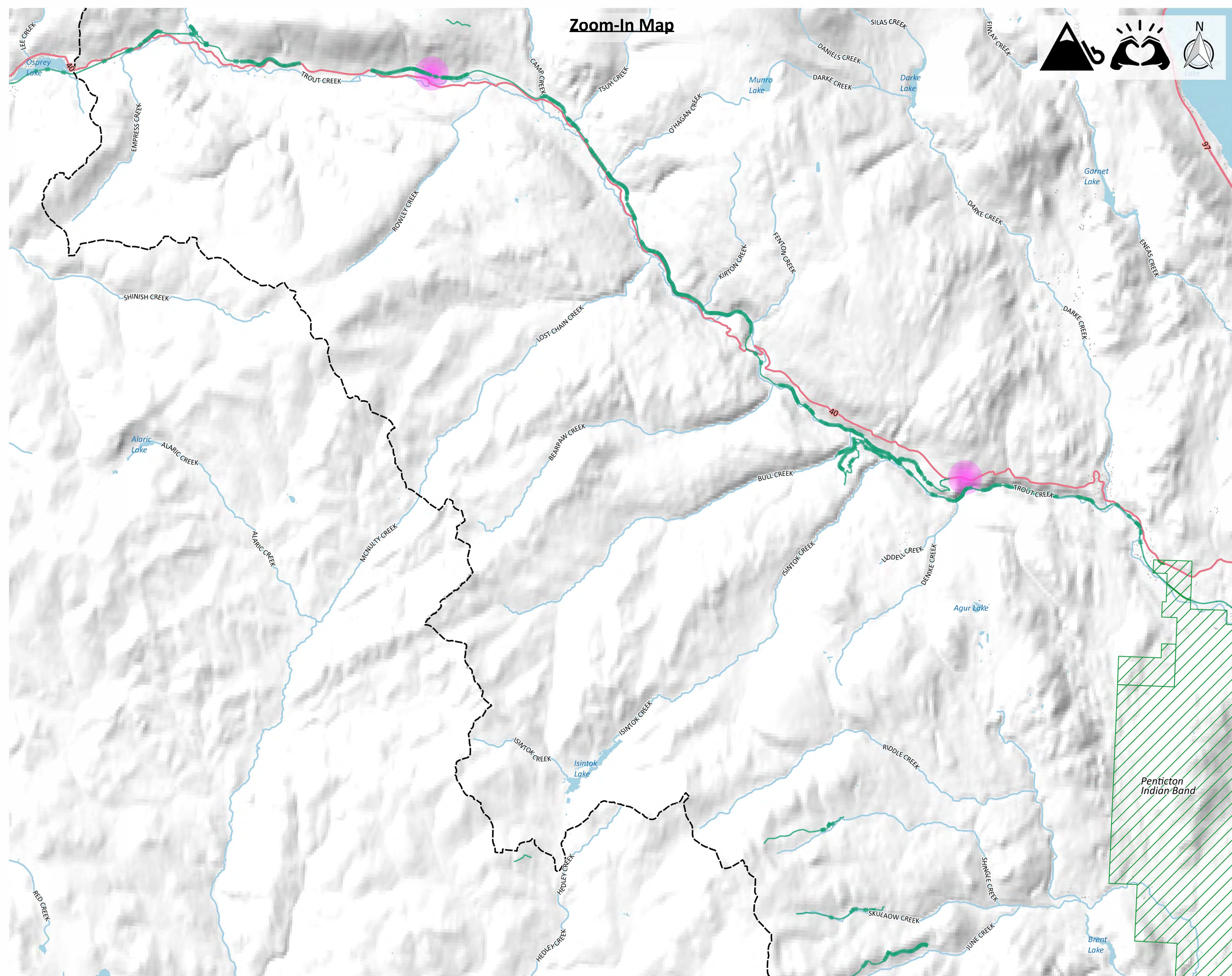


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
--- Okanagan-Similkameen Boundary	🌲 Indoor Recreation and Facilities
— Canada - US Border	🌲 Outdoor Space and Recreation
🟩 Reserves	👤 Social and Religious Centers
🟩 Building Footprints	🚶 Affected Recreation Trail
🟦 Lakes	🟪 Non-Sylix Archaeology
🟦 Watercourses	
🔴 Highway	
🟤 Major Road	
🟢 Recreation Trail	

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**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 10 of 20**





**Zoom-In Map**



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**Palmer Environmental Consulting Group Inc.**

**Sylix**  
Okanagan Nation Alliance

**Index Map**

0 50 100 km

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[Click here to return to Similkameen map](#)

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**Scale 1:50,000**

0 1 2 3 4 5 km

**Legend**

<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
--- Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟡 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

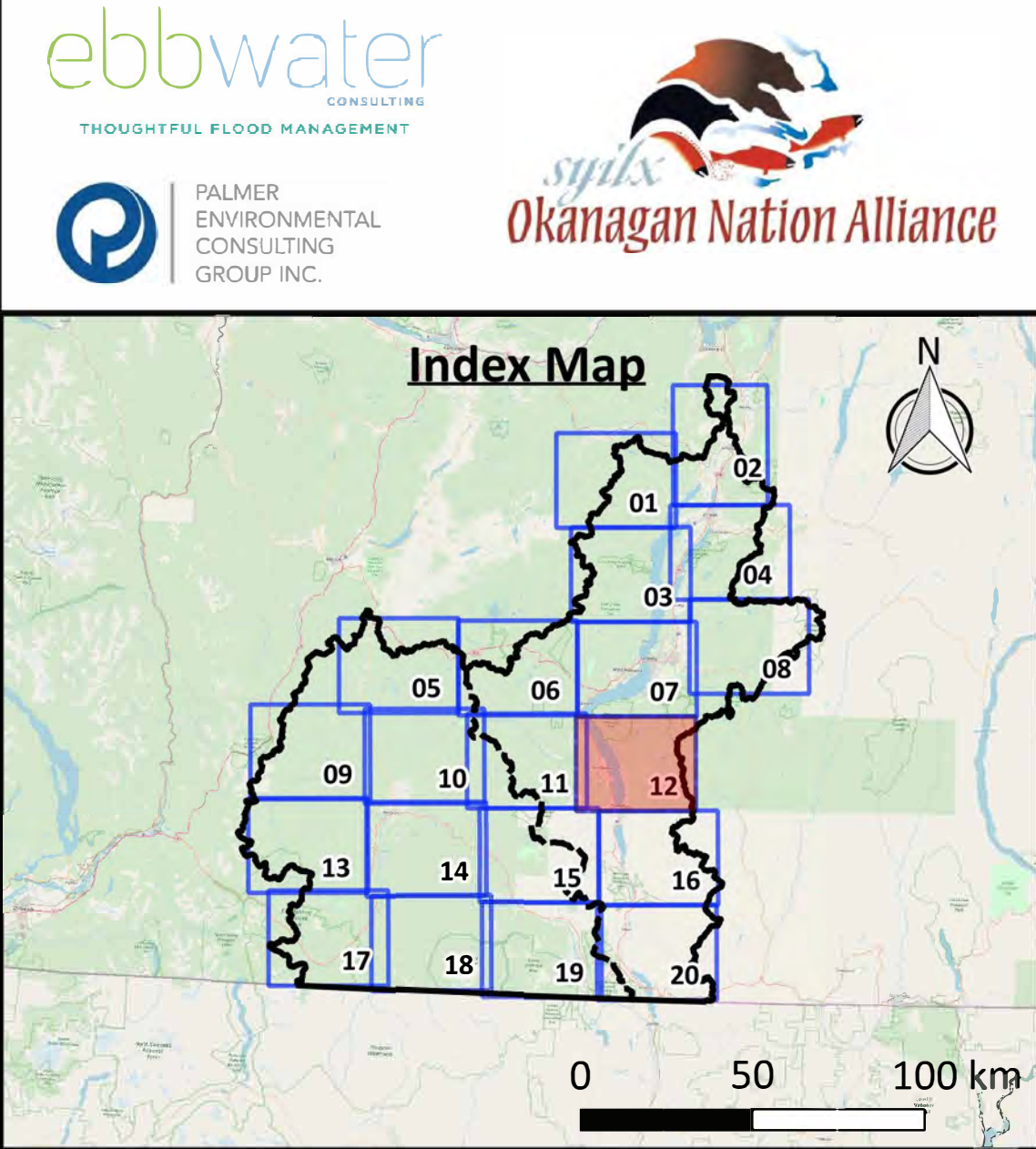
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 11 of 20**

ANSI D - Map No. C-D-003-011



# Zoom-In Map



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- Building Footprints: Regional districts, municipalities, WFN and hand digitized using Bing Satellite Imagery.
- Sylix Place Names: Okanagan Nation Alliance.
- Base Layer: OpenStreetMap data – openstreetmap.org (© OpenStreetMap contributors; cartography licence CC BY-SA) and hill shade created using CDEM and USGM GMTED2010.

### Scale 1:50,000



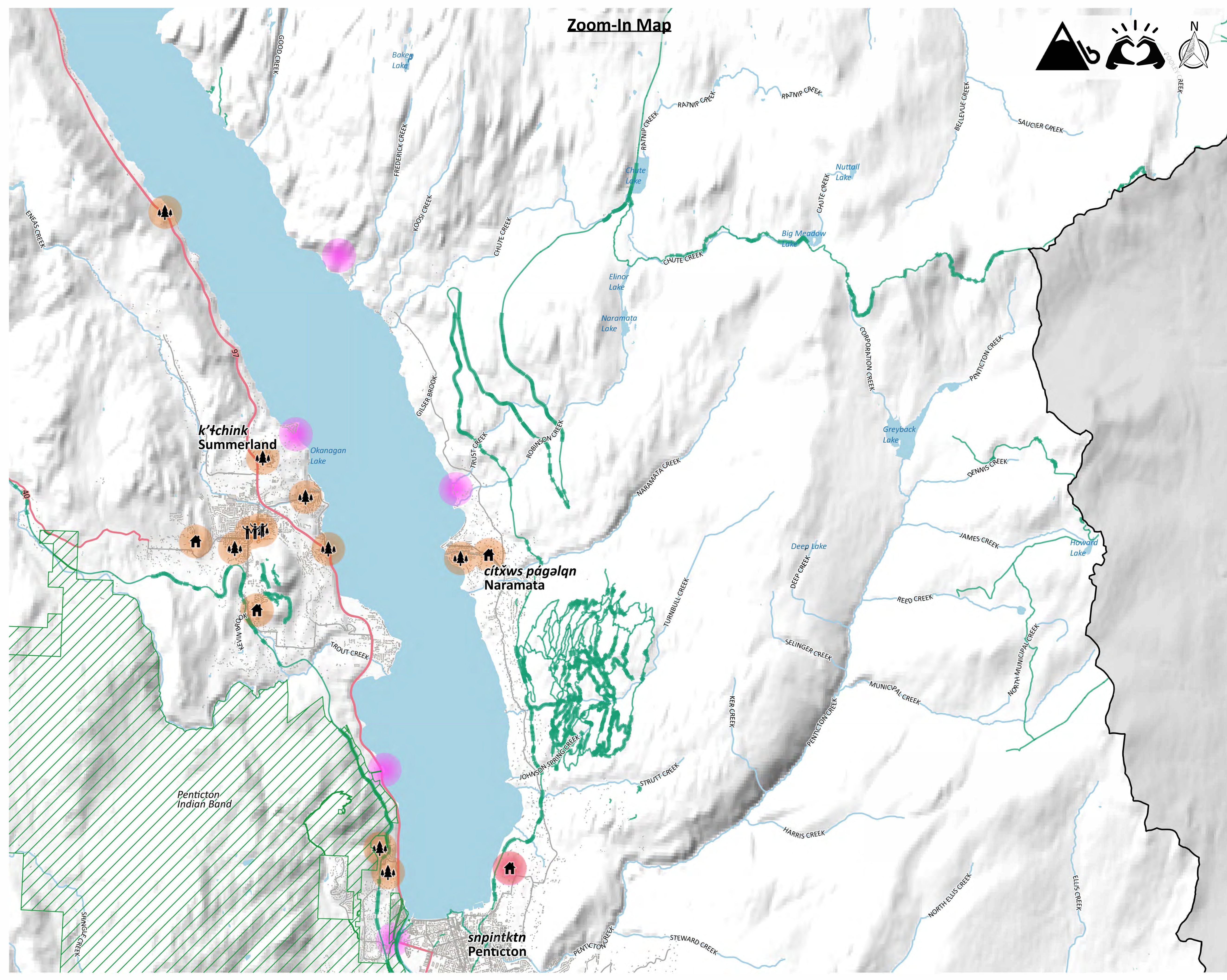
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Background	Affected Assets
— Watershed Boundary	🏠 Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	🚶 Affected Recreation Trail
■ Building Footprints	🔴 Non-Sylix Archaeology
■ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

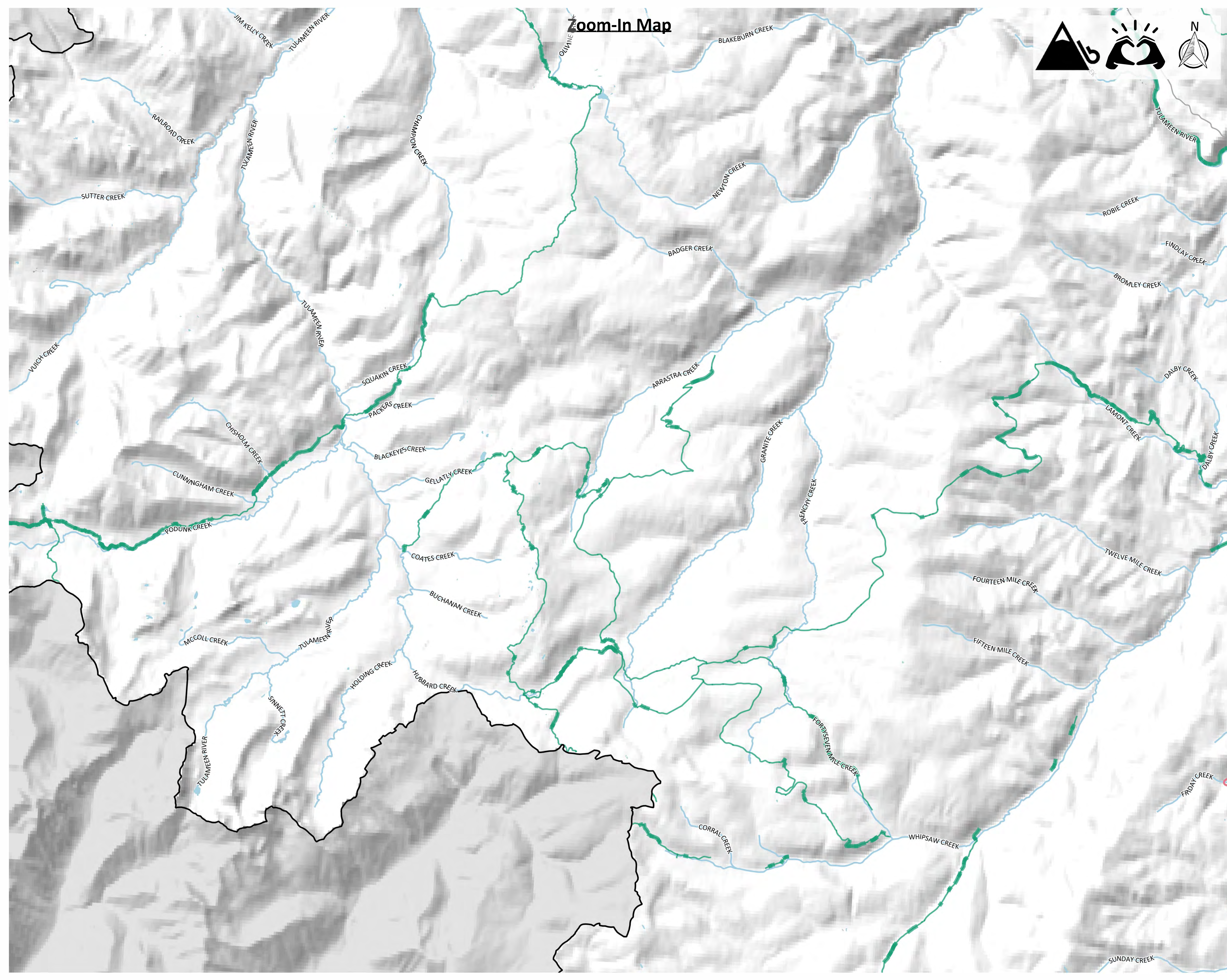
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 12 of 20**

ANSI D - Map No. C-D-003-012







**ebbwater** CONSULTING  
THOUGHTFUL FLOOD MANAGEMENT

**Palmer Environmental Consulting Group Inc.**

**Sylix Okanagan Nation Alliance**

**Index Map**

0 50 100 km

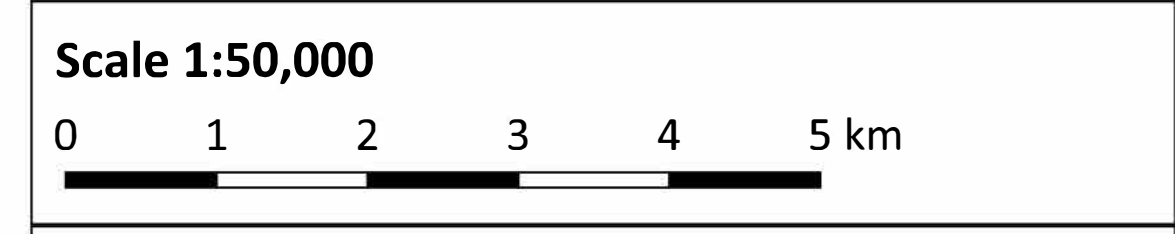
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

**Map Notes**

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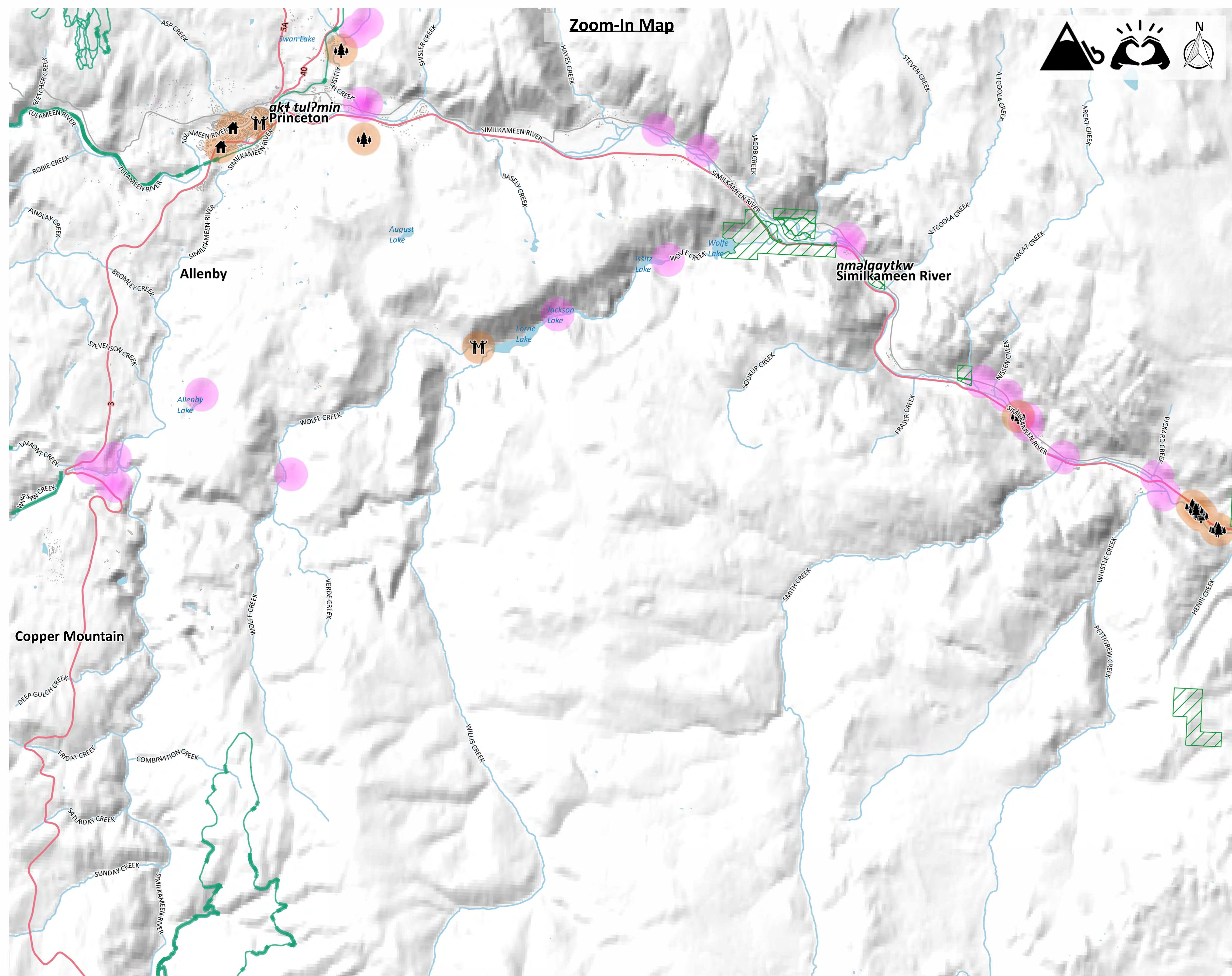
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🔴 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

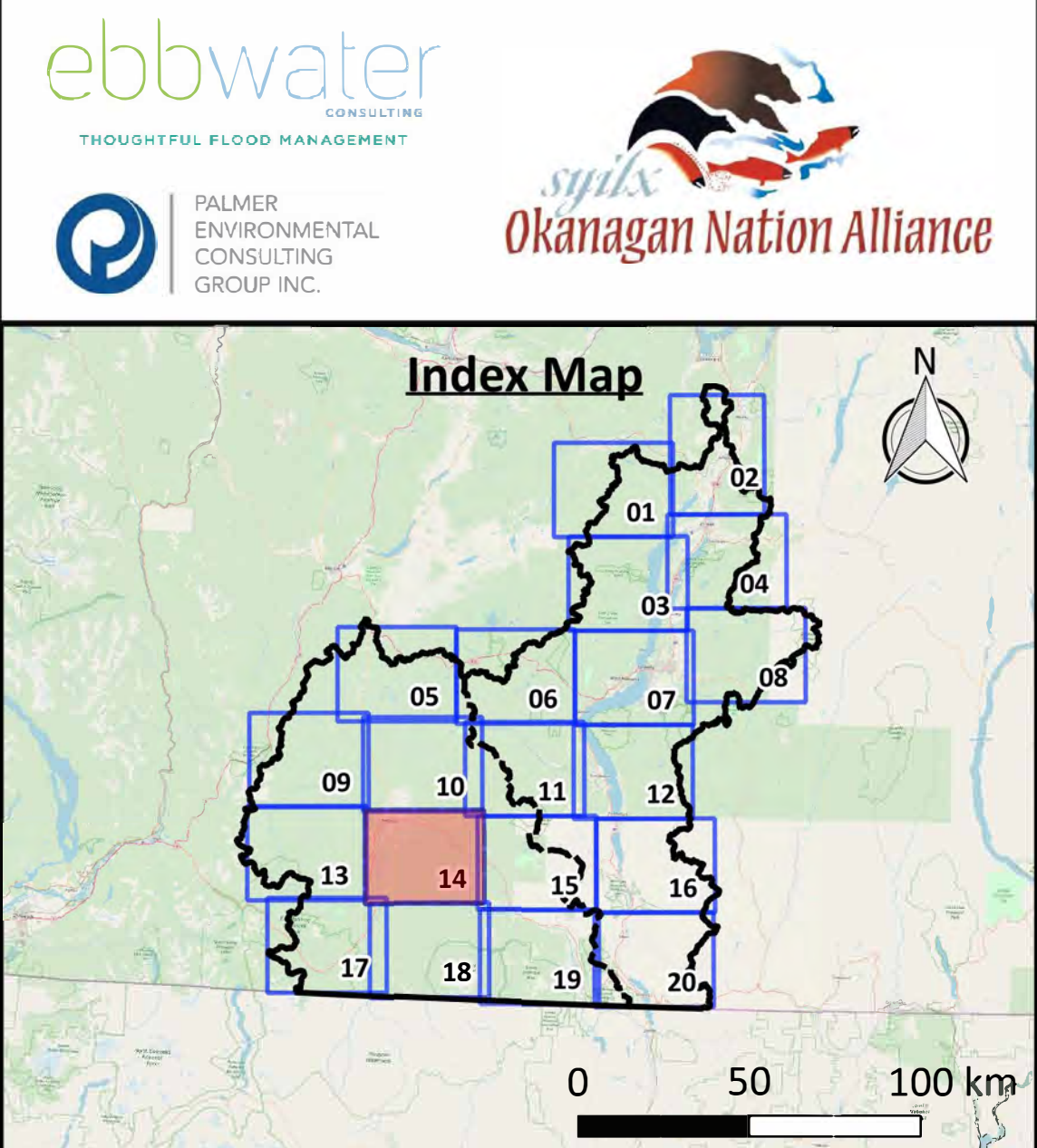
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 13 of 20**

ANSI D - Map No. C-D-003-013





**Zoom-In Map**



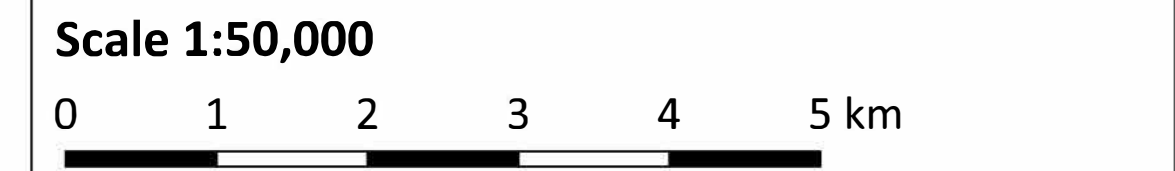
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[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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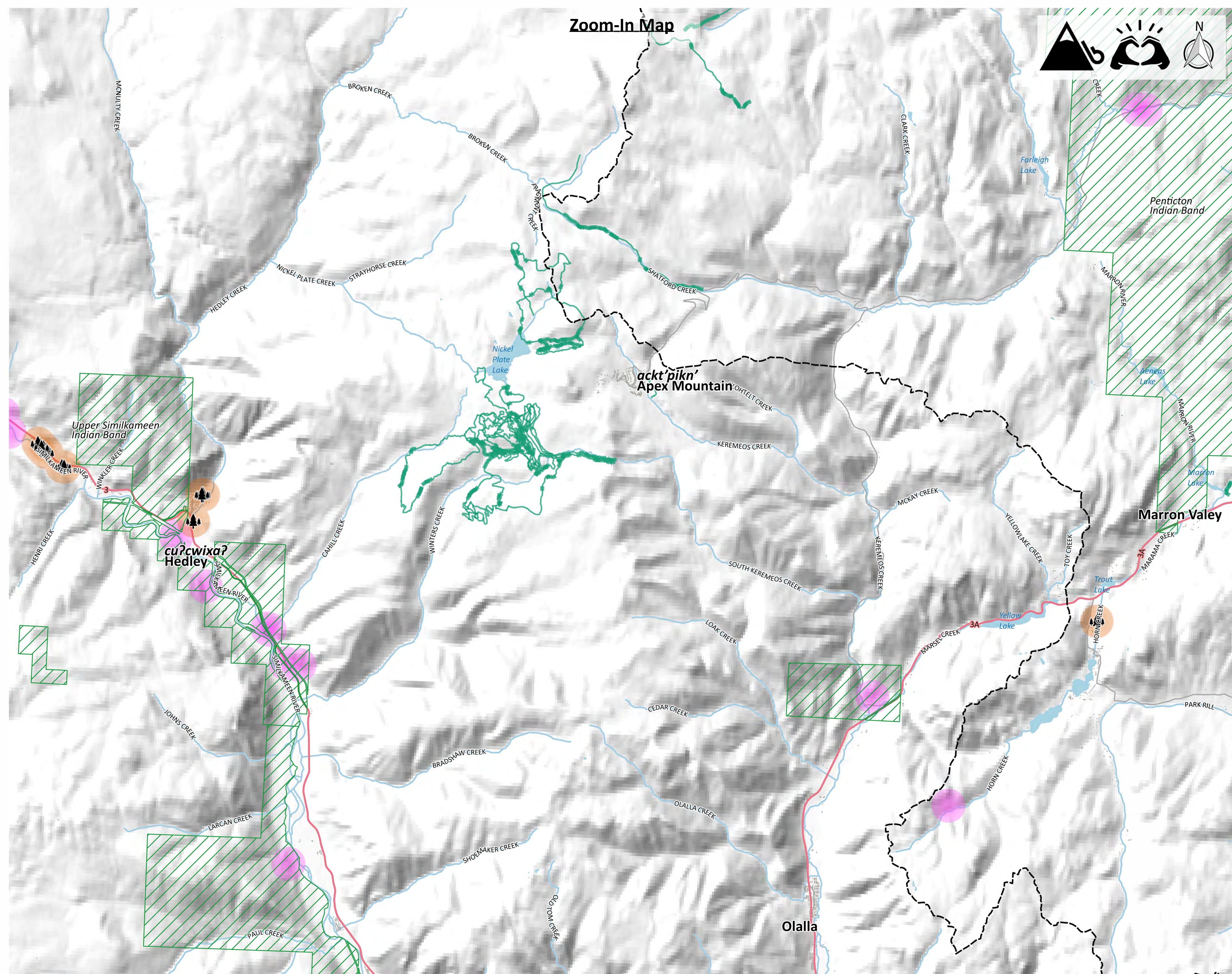
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Indoor Recreation and Facilities
--- Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟪 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

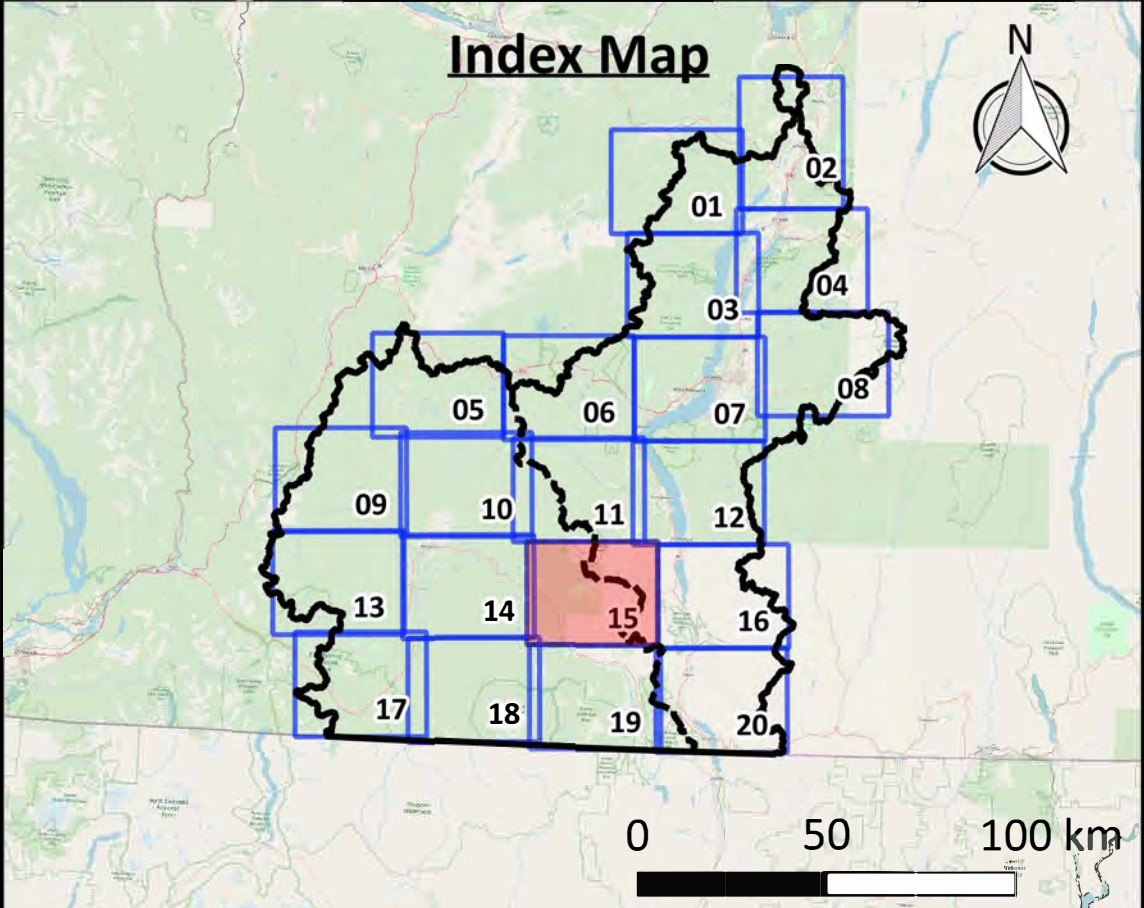
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 14 of 20**

ANSI D - Map No. C-D-003-014





**Zoom-In Map**



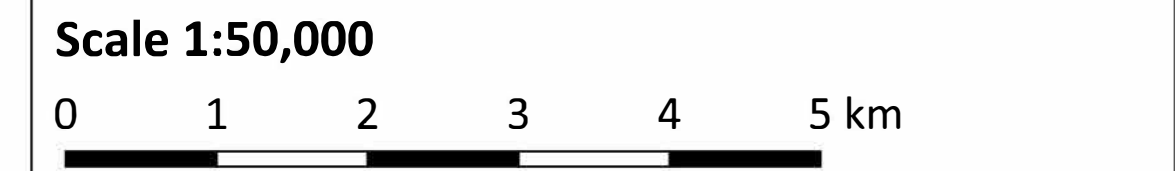
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[Click here to return to Okanagan map](#)  
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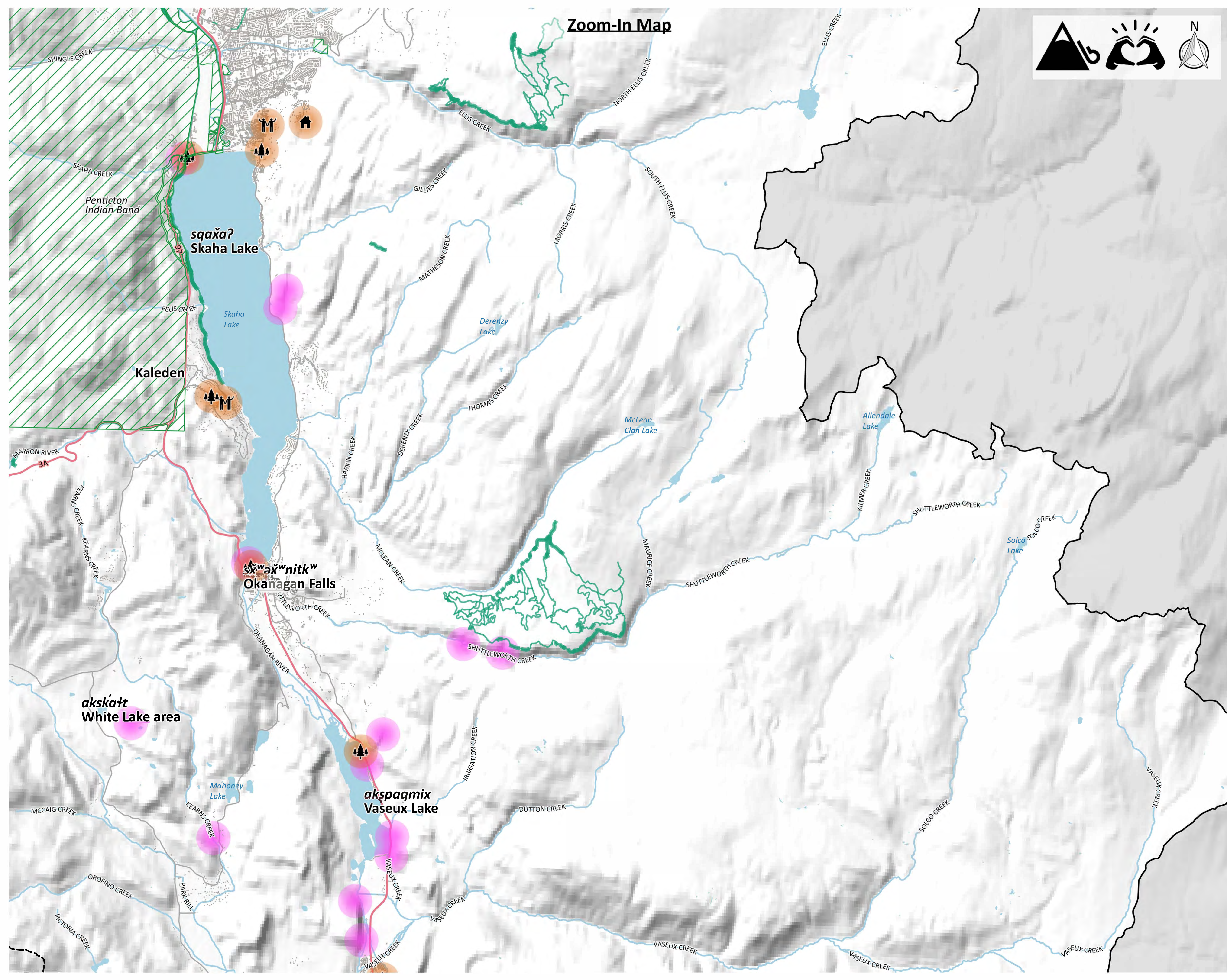


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
▨ Reserves	🚶 Affected Recreation Trail
■ Building Footprints	🔴 Non-Sylix Archaeology
■ Lakes	
— Watercourses	
— Highway	
— Major Road	
— Recreation Trail	

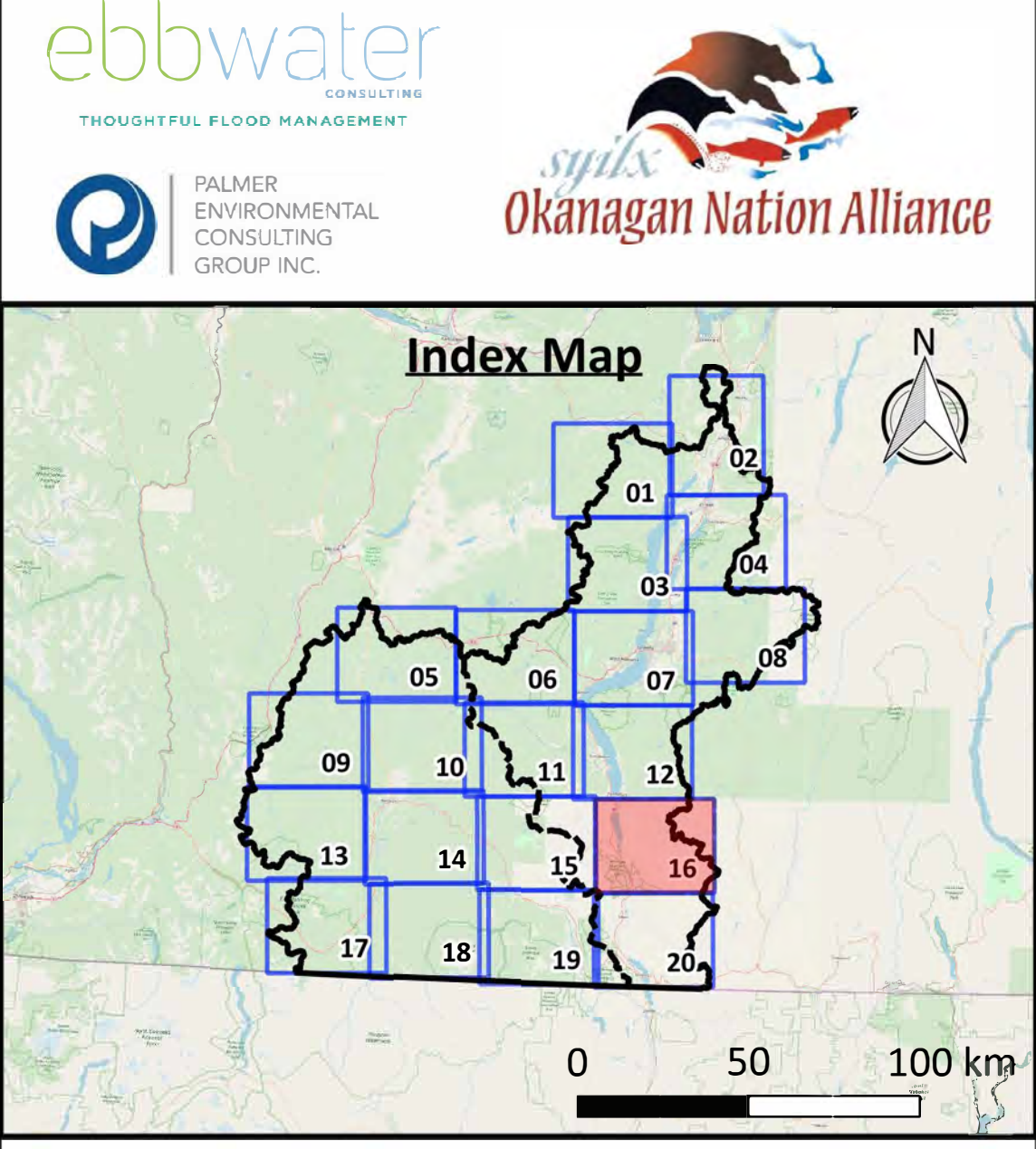
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 15 of 20**





**Zoom-In Map**



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[Click here to return to Similkameen map](#)

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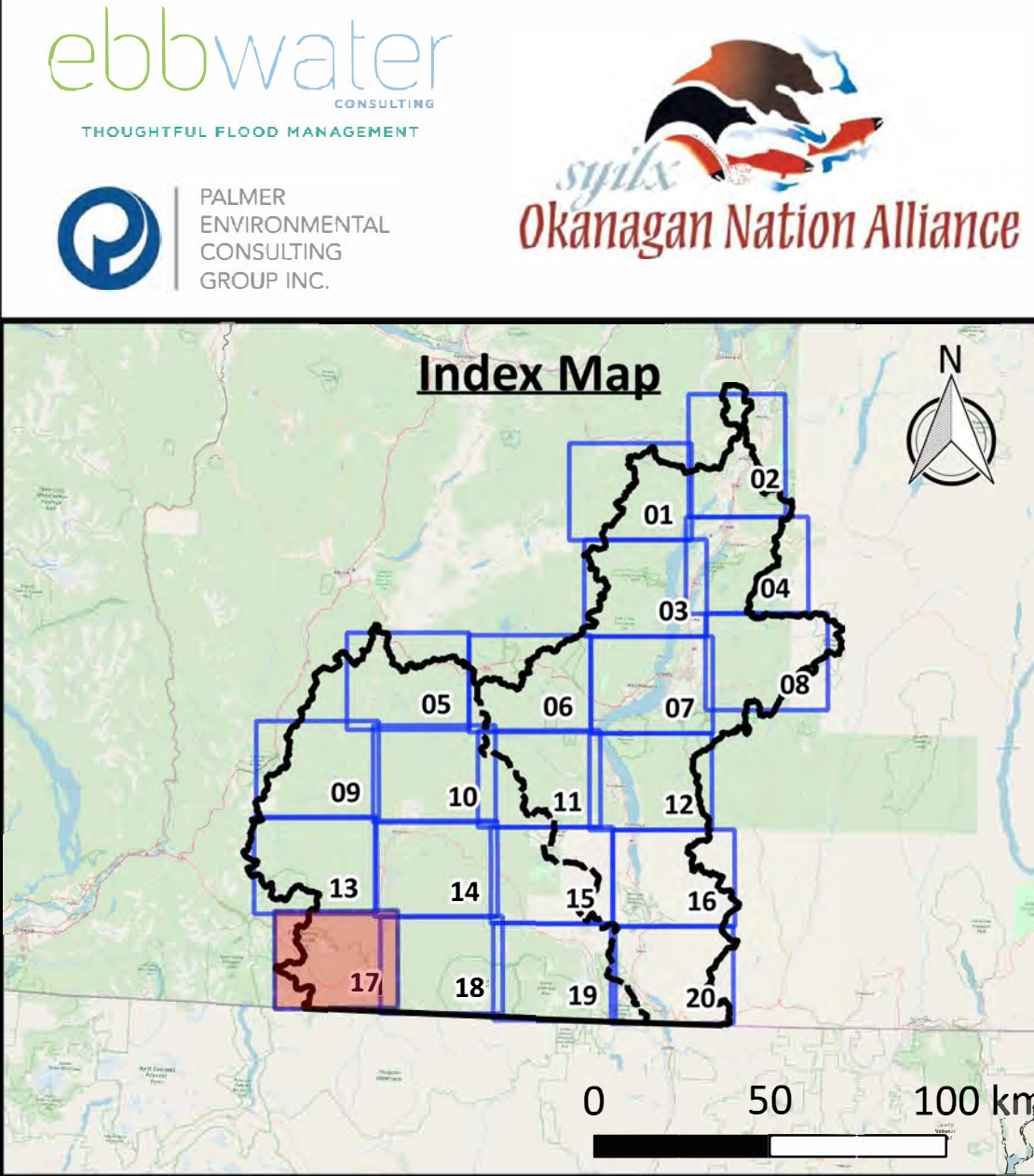
Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	<b>Cultural Amenities</b>
- - - Okanagan-Similkameen Boundary	Indoor Recreation and Facilities
— Canada - US Border	Outdoor Space and Recreation
Reserves	Social and Religious Centers
Building Footprints	Affected Recreation Trail
Lakes	Non-Sylix Archaeology
Watercourses	
Highway	
Major Road	
Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 16 of 20**



**Zoom-In Map**



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[Click here to return to Similkameen map](#)

- Map Notes**
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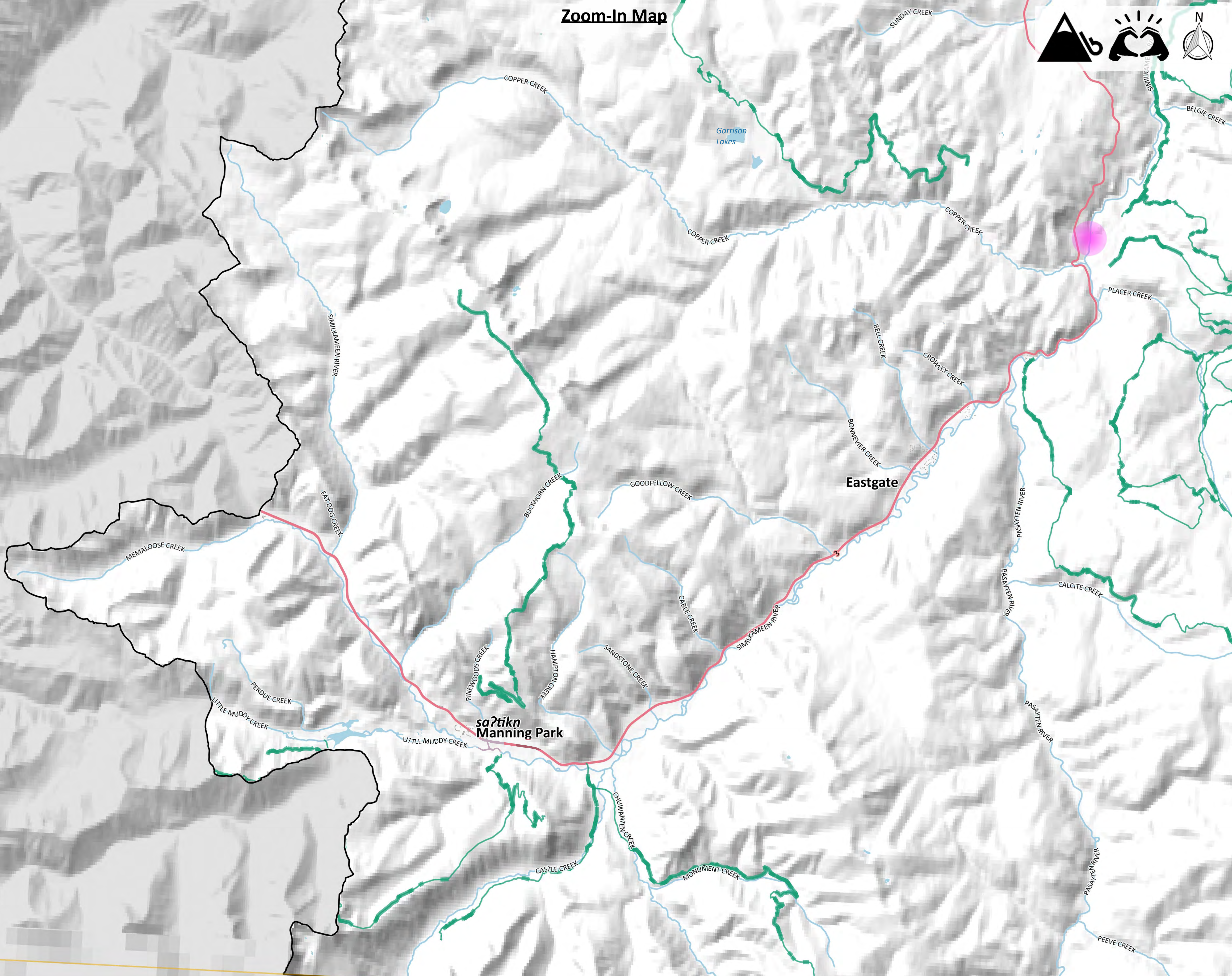


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
--- Okanagan-Similkameen Boundary	🌲 Indoor Recreation and Facilities
— Canada - US Border	🌳 Outdoor Space and Recreation
🌲 Reserves	👤 Social and Religious Centers
🏠 Building Footprints	🚶 Affected Recreation Trail
🌊 Lakes	🔴 Non-Sylix Archaeology
🌊 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

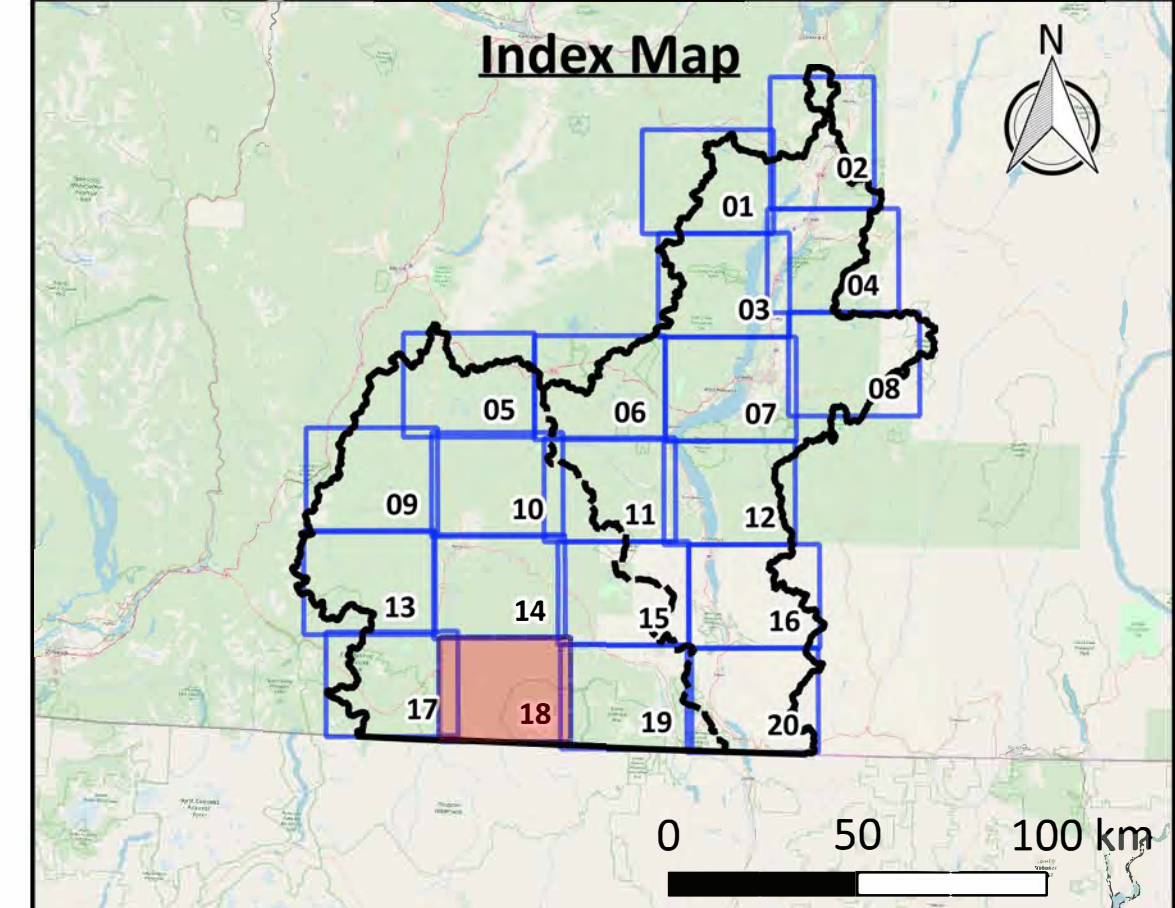
**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 17 of 20**

ANSI D - Map No. C-D-003-017





# Zoom-In Map



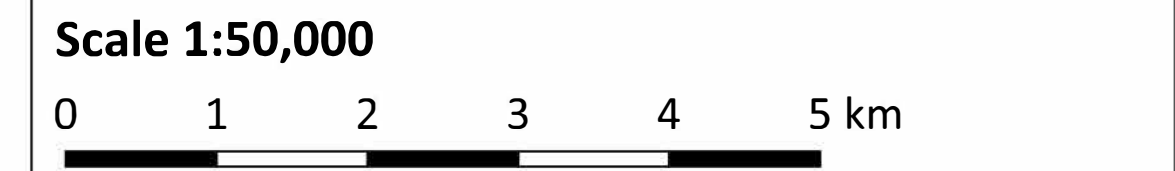
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[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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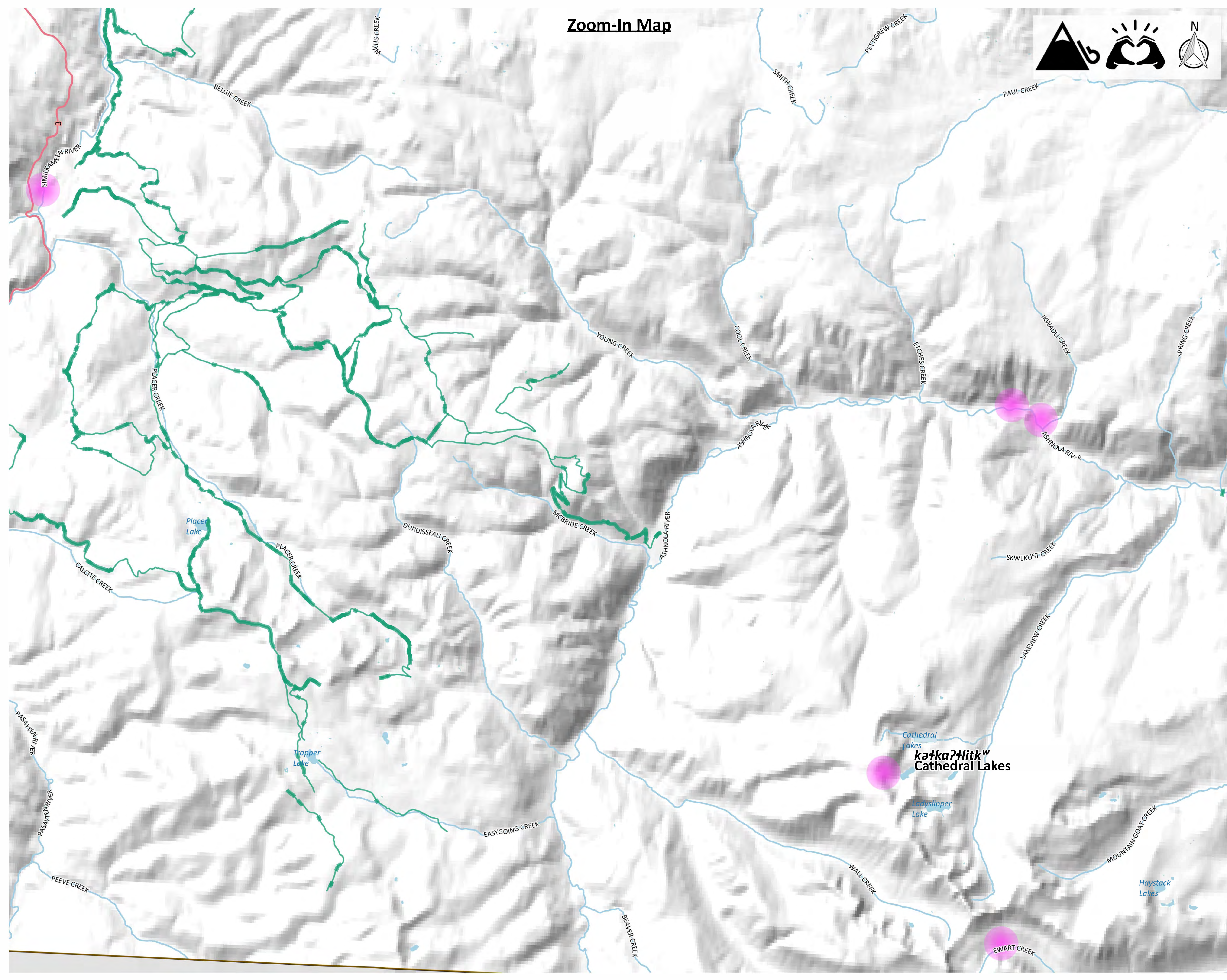


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	🏠 Cultural Amenities
- - - Okanagan-Similkameen Boundary	🌲 Outdoor Space and Recreation
— Canada - US Border	👤 Social and Religious Centers
🟩 Reserves	🚶 Affected Recreation Trail
🏠 Building Footprints	🟡 Non-Sylix Archaeology
🟦 Lakes	
🟦 Watercourses	
🛣 Highway	
🛣 Major Road	
🚶 Recreation Trail	

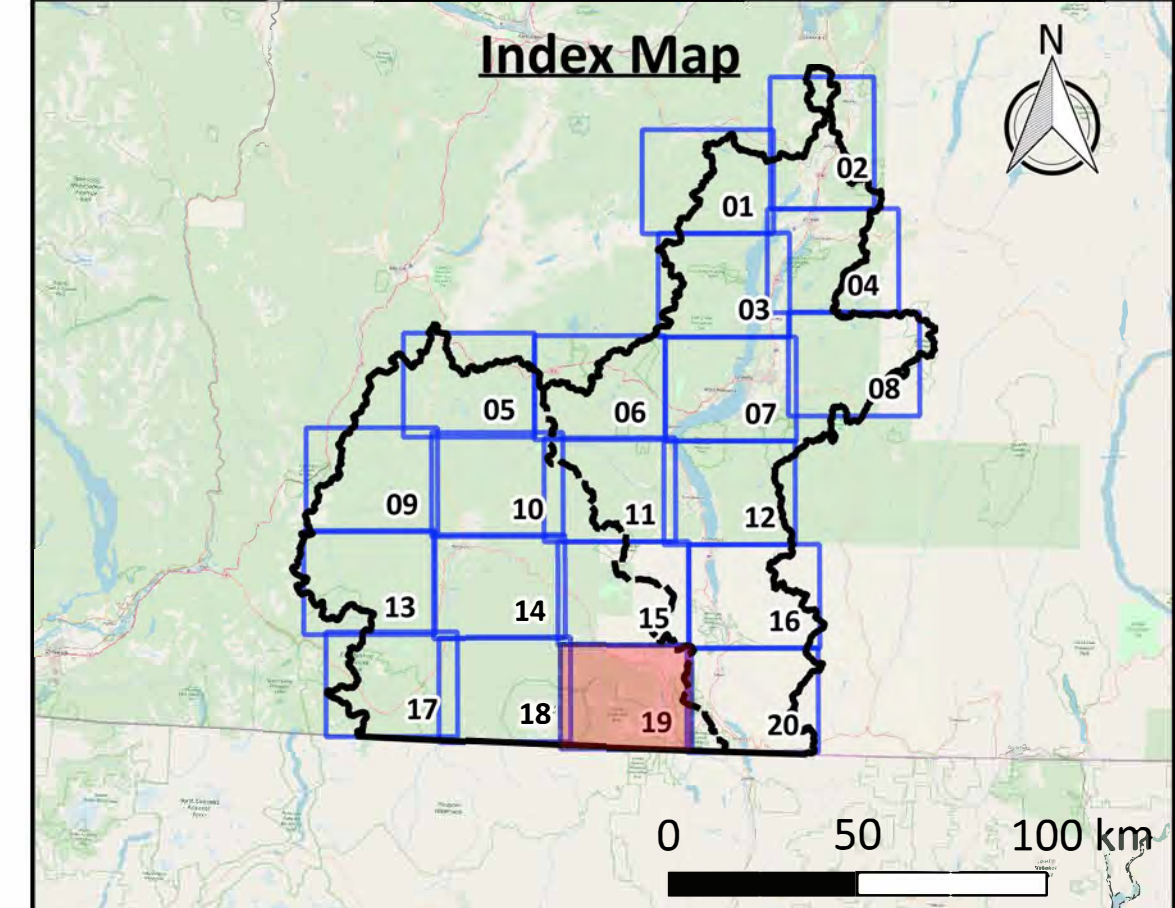
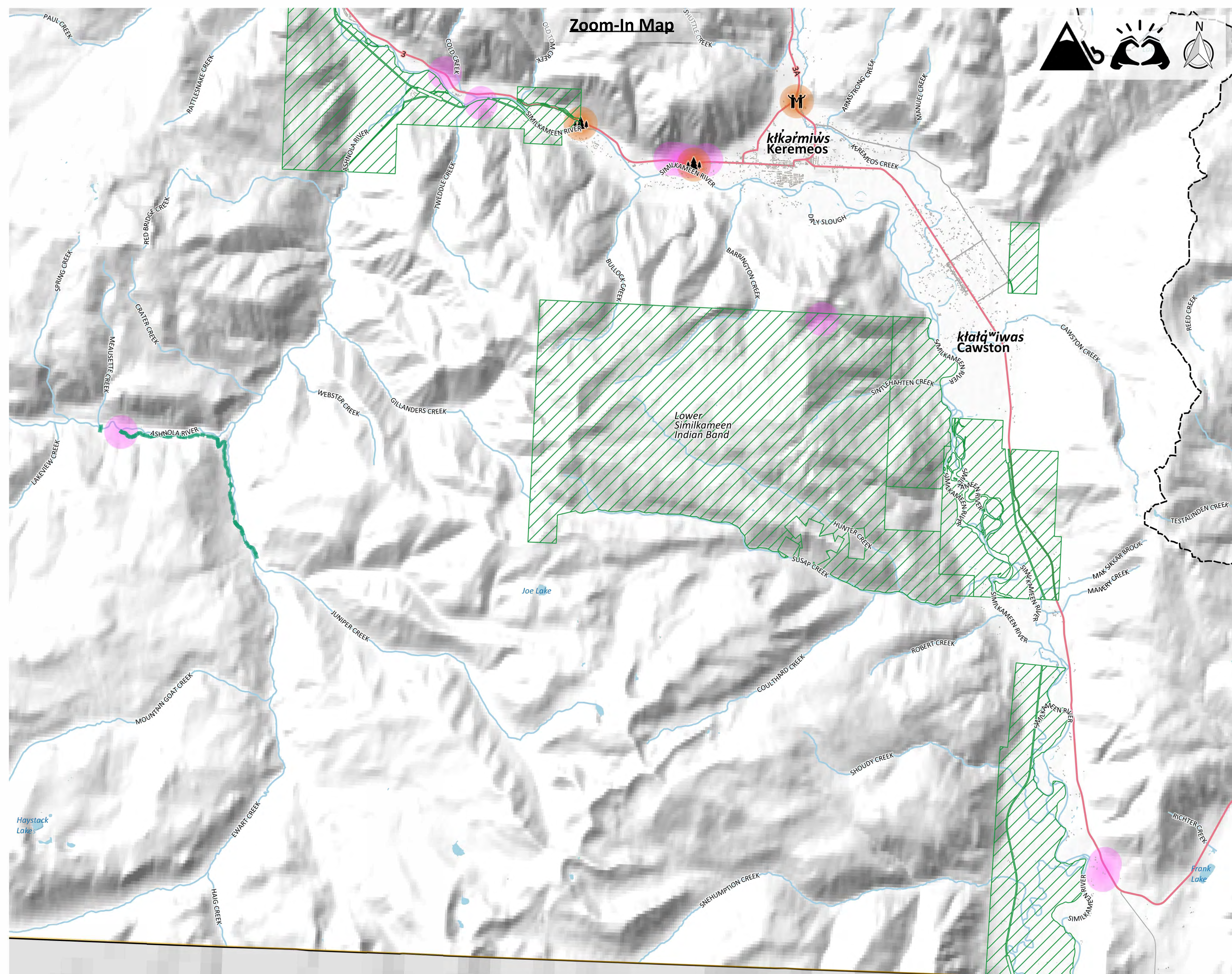
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 18 of 20**

ANSI D - Map No. C-D-003-018







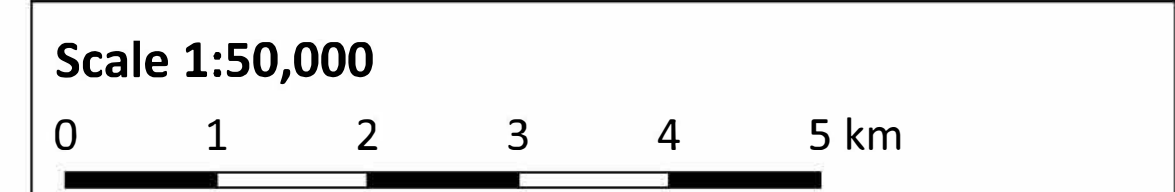
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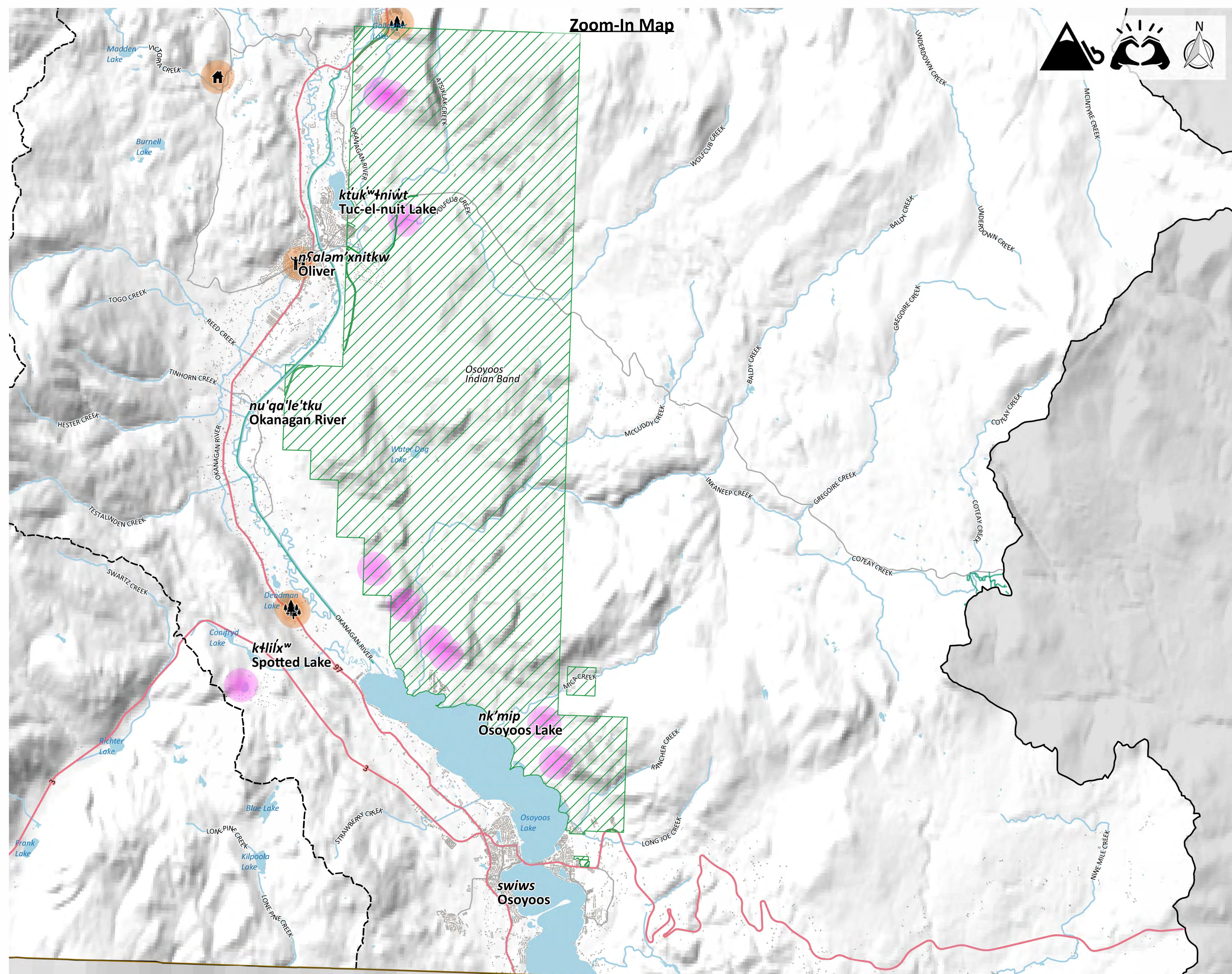


Legend	
<b>Background</b>	<b>Affected Assets</b>
— Watershed Boundary	Indoor Recreation and Facilities
- - - Okanagan-Similkameen Boundary	Outdoor Space and Recreation
— Canada - US Border	Social and Religious Centers
Reserves	Affected Recreation Trail
Building Footprints	Non-Sylix Archaeology
Lakes	
Watercourses	
Highway	
Major Road	
Recreation Trail	

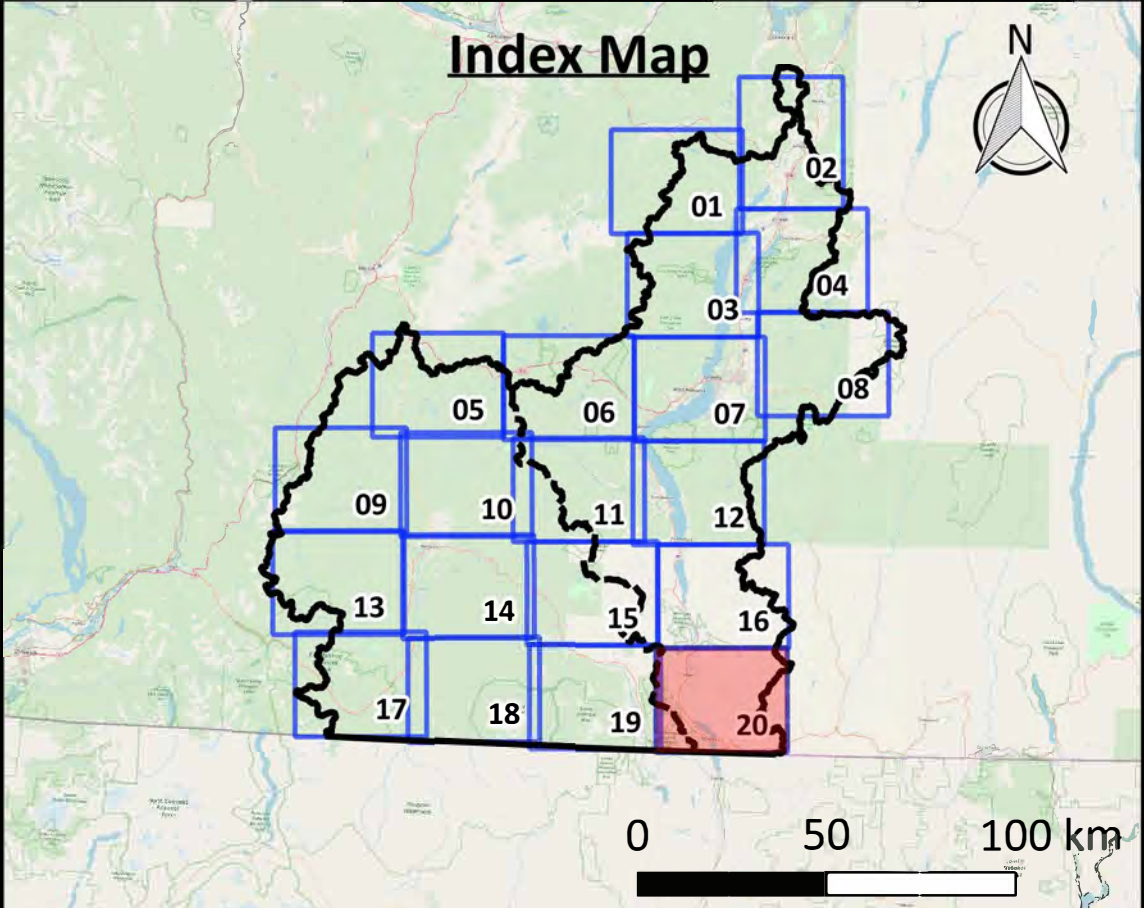
**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 19 of 20**





**Zoom-In Map**



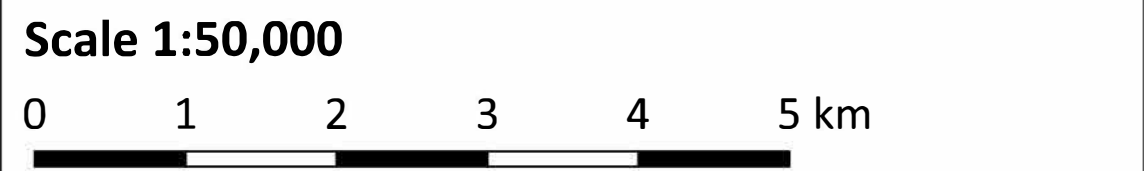
[Click above map tile for Zoom-In map](#)  
[Click here to return to Project Area map](#)  
[Click here to return to Okanagan map](#)  
[Click here to return to Similkameen map](#)

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Background		Affected Assets	
—	Watershed Boundary	🏠	Indoor Recreation and Facilities
- - -	Okanagan-Similkameen Boundary	🌲	Outdoor Space and Recreation
—	Canada - US Border	👤	Social and Religious Centers
▭	Reserves	🚶	Affected Recreation Trail
▭	Building Footprints	🔴	Non-Sylix Archaeology
▭	Lakes		
▭	Watercourses		
▭	Highway		
▭	Major Road		
▭	Recreation Trail		

**Date:** 31 December 2019  
**Produced by:** Ebbwater Consulting Inc.

**Sylix (Okanagan) Flood and Debris Flow Risk Assessment Project**  
**Debris Flow - Culture**  
**Map Tile 20 of 20**