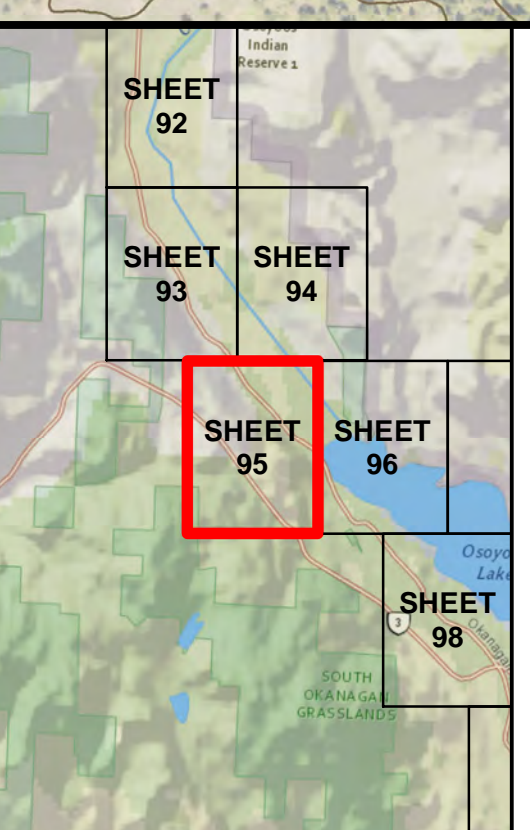
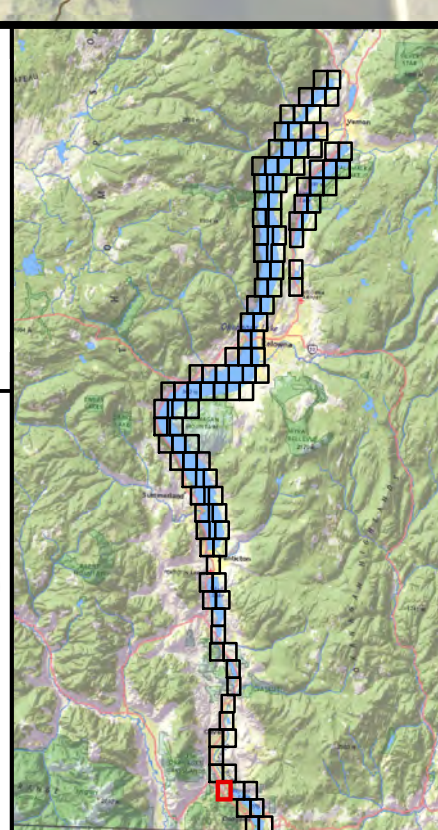




REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN



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- ➡ FLOW DIRECTION
- SPOT ELEVATION  
labelled with elevation in metres (CGVD2013)
- MINOR CONTOUR AT 1 M INTERVAL
- MAJOR CONTOUR AT 5 M OR 20 M INTERVAL  
labelled with elevation in metres (CGVD2013)
- - - DIKE
- RAILWAY LINE
- ▭ FIRST NATION RESERVE BOUNDARY
- ▭ MUNICIPAL BOUNDARY
- ▭ REGIONAL DISTRICT BOUNDARY
- ▭ STUDY LIMIT

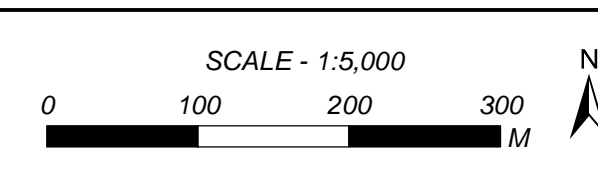
REFER TO NOTES ON INDEX MAP

- ▭ INUNDATION EXTENT - DESIGN WITH FREEBOARD (FCL)
- ▭ INUNDATION EXTENT - DESIGN WITHOUT FREEBOARD
- 123.4 (123.1) FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE  
Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 (123.4) FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE  
Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)
- 123.4 (123.4) FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE  
Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)

DESIGN FLOOD  
- OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY<sup>a</sup>  
- OKANAGAN LAKE: 2017 MID-CENTURY<sup>b</sup>  
- WOOD AND KALAMAILKA LAKES: 2017 MID-CENTURY<sup>b</sup>  
- ELLISON LAKE: 200-YEAR MID-CENTURY  
- SKAHA LAKE: 200-YEAR MID-CENTURY  
- VASELUX LAKE: 200-YEAR MID-CENTURY  
- OSOYOOS LAKE: 200-YEAR MID-CENTURY  
FREEBOARD = 0.6 METRES

Footnote:  
<sup>a</sup> "Mid-century" refers to an increase for climate change, projected to occur in 2055.  
<sup>b</sup> The 2017 flood is the flood-of-record at Okanagan, Wood, and Kalamailka lakes, and is used as the design flood at these locations because it is larger than a 200-year event.

**OKANAGAN MAINSTEM  
FLOOD MAPPING  
FLOODPLAIN MAPS**  
SHEET 95 OF 116



Coordinate System: NAD 1983 CSRS UTM ZONE 11N  
Units: METRES; Vertical Datum: CGVD2013  
FCL values in both CGVD2013 and CGVD28 HTV2.0

Engineer VCCB	GIS MSN/MAO/SWM	Reviewer DPM (rivers)/GFL (lakes)/PKK
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