SQ-3048
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# LILLOOET RIVER 01 34.5km

2022 Inspection

CBR iPad Offline Ver 0.33

## CBR Data

| Latitude | Longitude |
|---|---|
| 50°36'14.6" | -123°22'21.9" |

| | | | |
|---|---|---|---|
| Crossing Name | Silva Creek | | |
| FSR # | 6123 | Branch # | 1 |
| Road Name | LILLOOET RIVER 01 | | |
| User km | 34.5 | | |
| Previous Load Rating (tonnes) | 63 | | |
| Structure Class | Temporary Bridge | | |
| Portable | N | | |
| Superstructure | Log Stringers | | |
| Deck Type | Gravel | | |
| Abutment Left | Crib, Log or Untreated Timber | | |
| Abutment Right | Crib, Log or Untreated Timber | | |
| Spans | 1 | | |
| Total Length (m) | 8.5 | | |
| Deck Width (m) | 5.8 | | |

## Updated Data

| Latitude | Longitude |
|---|---|
| 50°36'14.61" | -123°22'22.16" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 5.2 | Accuracy (m) | 5 |

## Inspection

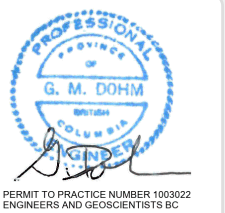
| | | | |
|---|---|---|---|
| Date of Inspection | 2022-10-19 2:42:33 PM | Recommended Next Inspection Year | |
| Inspector Name | Gino Fournier | Inspection Company | FLNRORD |

Inspector Comments Serial/ID Plate

Bridge has not seen water flow since last inspection. Remove structure and fill in as per 2020 inspection. If left, remove deck and clean out debris.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 25, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2024
Comments: remove log stringer bridge completely and fill with road gravels, as stream bed no longer has any flows due to upstream meandering.




P.Eng Seal

## Approach

| | | |
|---|---|---|
| Alignment | Good | |
| Bridge Ahead Signs Missing | ○ 0 ○ 1 ● 2 | Not needed as bridge is width of road and straight road |
| Brushing Required | N | |
| Delineator Missing Left | ○ 0 ● 1 ○ 2 | |
| Delineator Missing Right | ○ 0 ○ 1 ● 2 | |
| Fender Condition | Unrated | None,not needed as bridge is width of road and road is straight. |
| Posted Load Rating | 63 | |
| Road Surface | | |

## Abutment

| | | |
|---|---|---|
| Log/Timber Cribs | N/A | Crib left side all filled in and acting as sill log only. |
| Tie Backs | Unrated | Can not see. |
| Bin Wall | N/A | |
| Pier | N/A | |
| Concrete | N/A | |
| Caps or Sills | Fair | |
| Piles or Posts | N/A | |
| Ballast Wall | N/A | |
| Wing Wall | N/A | |
| Bracing | N/A | |
| Hardware | N/A | |
| Fill | Good | |
| Riprap | N/A | |
| Bearings | N/A | |
| Corrosion Protection | N/A | |

## Deck

| | |
|---|---|
| Running Surface | Good |
| Running Planks | N/A |
| Sub Deck | N/A |
| Ties | N/A |
| Nails | N/A |
| Deck to Girder Bolts | N/A |
| Concrete Deck | N/A |
| Grout Pockets | N/A |
| Deck Joints | N/A |
| Steel Deck Plate | N/A |
| Gravel Surface | Good |
| Curb Rail/Blocks/Posts | Excellent |
| Hand Rails/Walkouts | N/A |
| Hardware | N/A |
| Overall Deck Condition | Good |
| Gravel Depth (mm) | 350 |
| Pier Deck | N/A |

## Steel/Concrete

| | |
|---|---|
| Girders | N/A |
| Diaphragms | N/A |
| Bracing | N/A |
| Under Trussing | N/A |
| Hardware | N/A |
| Welded/grouted shear connectors | N/A |

## Log

| | |
|---|---|
| Log Curbs | Good |
| Needle Beam | N/A |
| Needle Lashing/ Shimming | N/A |

Stringers measured from downstream until clearance to dirt was 0.5m.

| Stringer Number | Needle Beam to Crib (m) Species | Peeled | Needle Diameter (mm) Diameter (mm) | Rot Depth (mm) | Condition | Comment |
|---|---|---|---|---|---|---|
| 1 | Fd | Y | 608 | 5 | Fair | Measured from downstream. |
| 2 | Cw | Y | 780 | 5 | Fair | |
| 3 | Fd | Y | 612 | 5 | Fair | |
| 4 | Cw | Y | 748 | 5 | Fair | |
| 5 | Cw | Y | 772 | 5 | Fair | |

## Hazards

| | | | | | |
|---|---|---|---|---|---|
| Estimated Present Water Level Depth (m) | 0 | High Water | ☐ | Debris | ☐ |
| Estimated Present Water Level Width (m) | 0 | Aggradation | ☐ | Scour | ☐ |
| Estimated High Water Level Clearance (m) | 0 | Ice | ☐ | | |

Comments

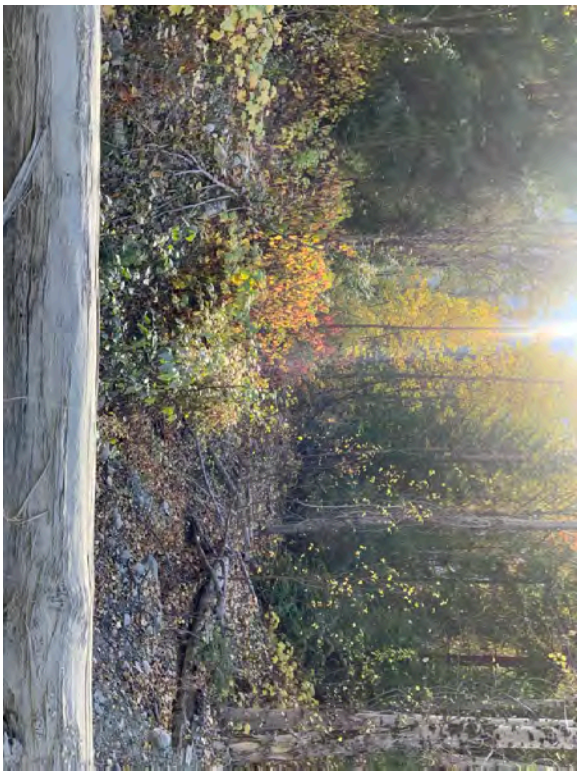
## Repairs and Monitoring

| | Repair Item | Repair Description |
|---|---|---|
| 1 | Structure. Log/timber stringer maintenance. m. Priority:Medium | Remove structure and fill in hole. No water flow here. Otherwise remove stringers and clean out structure. |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |

| Item | Monitor Description | Frequency |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |

Approach from Left Bank when facing downstream

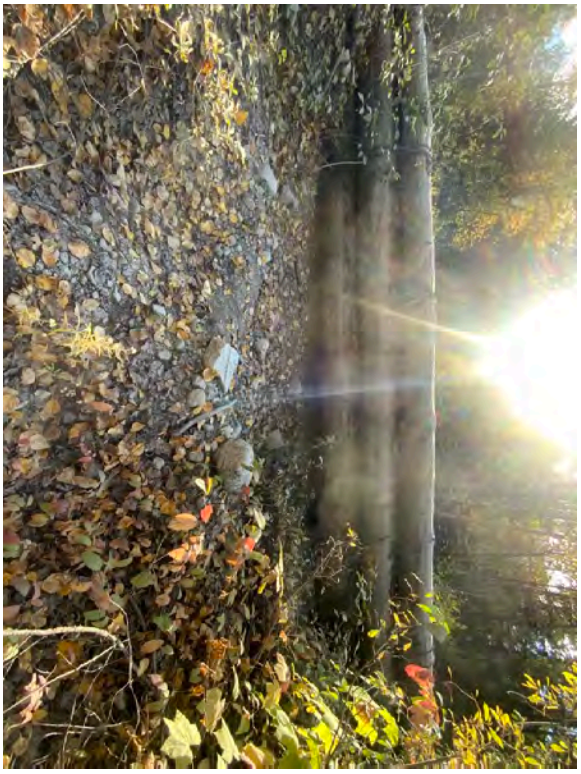
Downstream from Crossing



Approach from Right Bank when facing downstream

Upstream from Crossing

Left Bank Abutment when facing downstream



Inlet

Right Bank Abutment when facing downstream

Accumulation under bridge