

SQ-3085
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LILLOOET SOUTH 01 10.3km

2022 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 50°33'2.45" Longitude -123°12'27"

Crossing Name Trib to Lillooet River

FSR # 7977 Branch # 1

Road Name LILLOOET SOUTH 01

User km 10.3

Previous Load Rating (tonnes) 41

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 5.5

Deck Width (m) 5.3

Updated Data

Latitude 50°33'2.08" Longitude -123°12'27.37"

HD Diff. (m) 13.6 Accuracy (m) 5

Inspection

Date of Inspection 2022-10-19 1:12:23 PM

Inspector Name Gino Fournier

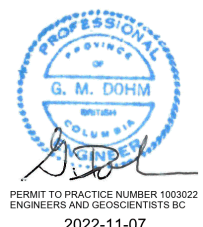
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 25, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2024
Comments: attend to substructure repairs



P.Eng Seal

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Approach

Alignment Fair

Slight curve

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Medium brush growth but radio controlled road with gate. Limited public access at some times.

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating 41

Road Surface

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Poor Locbloks need to be on spread footings to prevent settlement on these soft soils

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap N/A

Bearings N/A

Corrosion Protection N/A

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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 Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm) 300

Pier Deck N/A

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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 Fair

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	Y	429	0	Good	
2	Cw	Y	445	0	Good	
3	Cw	Y	534	0	Good	
4	Cw	Y	529	0	Good	
5	Cw	Y	529	0	Good	
6	Cw	Y	497	0	Good	
7	Cw	Y	448	0	Good	
8	Cw	Y	472	0	Good	
9	Cw	Y	565	0	Good	
10	Cw	Y	591	0	Good	
11	Cw	Y	656	0	Good	
12	Cw	Y	502	0	Good	
13	Cw	Y	641	0	Good	

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Hazards

Estimated Present Water Level Depth (m)	.1	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	.5	Ice	☐		

Comments Foundation at risk of erosion and settlement of locblock.

Repairs and Monitoring

Repair Item	Repair Description
1 Substructure. Log crib/ spread footing/binwall maintenance. # of sites. Disturbance Medium	Add another row of blocks to left side to prevent collapse under poor foundation.
2 Substructure. Log crib/ spread footing/binwall maintenance. # of sites. Disturbance Medium	Should add spread footing to both sides under blocks to prevent differential settlement.
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		



Load rating sign should be updated



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Shimmed locblock woods side due to block settlement