

SQ-3105  
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PHYLIS CREEK 0km

2022 Inspection

CBR iPad Offline Ver 0.36



### CBR Data

Latitude 49°34'35.69" Longitude -123°11'50.1"

Site Status Barricaded/Closed

Insp. Status Inspect

Crossing Name Phylis Creek #1

FSR # 8210 Branch # 2

Road Name PHYLIS CREEK

User km 0

Previous Load Rating (tonnes) 0

Structure Class Temporary Bridge

Portable N

Superstructure Rail Car

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 17.5

Deck Width (m) 4.8

### Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5518840.0 Accuracy (m)

5.1

### Inspection

Date of Inspection 2022-09-26 12:24:53 PM

Recommended Next Inspection 2023

Inspector Name Forrest Simpson

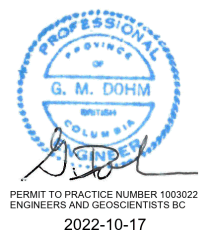
Inspection Company MoF

Inspector Comments Serial/ID Plate

Bridge is sitting on sill logs set back from cribs. Both cribs undermined, right bank extremely so. Bottom sill log fully suspended in places (80c-120cm vertical gaps) sitting on 2 or 3 single rocks. No riprap, but large rock in creek, extremely exposed, fill has been eroded from behind crib (roughly 1.5m of solid fill in front of sill log on right side. Check record to see if this has worsened since last years inspections. Entire deck a has been recently replaced... to standard, Timbers appear to be not treated. Post inspection comments: discussed and there has been no change to bridge. Timber deck was recently completed, per g.dohm

### P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022  
Load Rating: L45 or 41 tonnes  
Next Inspection: 2023  
Comments: visually inspect substructure after significant storm events



PERMIT TO  
PRACTICE: 1003022

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## Approach

Alignment Fair

Horizontal curve

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing  
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing  
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Poor

Missing left downstream

Posted Load Rating

Road Surface Fair

## Abutment

Log/Timber Cribbs Poor Old, rotting. Undermined

Tie Backs Poor Old, rotting

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Poor At risk of scour, eroding from behind cribs

Riprap Poor None.

Bearings

Corrosion Protection

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**Deck**

Running Surface      **Good**

Running Planks      **Good**

Sub Deck      **Good**

Ties      **Good**

Nails      **Good**

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts      **Good**      New timber rails

Hand Rails/Walkouts

Hardware      **Good**

Overall Deck Condition      **Good**

Gravel Depth (mm)

Pier Deck

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## Steel/Concrete

Girders Fair

Old steel rail car

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted  
shear connectors

## Log

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer  
Number

Species

Peeled

Diameter  
(mm)

Rot Depth  
(mm)

Condition

Comment

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## Hazards

|                                         |             |                          |        |                                     |
|-----------------------------------------|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m) | High Water  | <input type="checkbox"/> | Debris | <input checked="" type="checkbox"/> |
| Estimated Present Water Level Width (m) | Aggradation | <input type="checkbox"/> | Scour  | <input checked="" type="checkbox"/> |
| Estimated High Water Level Clearance    | Ic          | <input type="checkbox"/> |        |                                     |
| Comments                                |             |                          |        |                                     |

## Repairs and Monitoring

| Repair Item                                                         | Repair Description  |
|---------------------------------------------------------------------|---------------------|
| 1 Approach. Reconstruct fill. m³. Priority:High                     | Repair abutments.   |
| 2 Approach. Approach fenders (install). 1 # of units. Priority:High |                     |
| 3 Approach. Add Warning Signs. 2 # of signs. Priority:High          | Missingndelineators |

4

5

6

7

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



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Approach Barrier



Upstream Profile



Left bank crib



Right Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



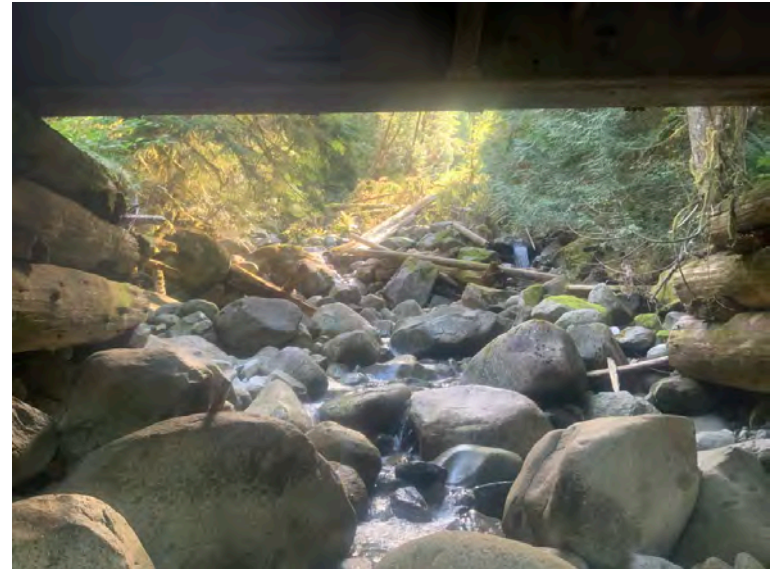
Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Superstructure



Right bank. Fill eroding from behind crib.