Date Printed: 2013/11/13
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Structure #:	CK-2255	**Site #:**	CK-2255	**Road Name:**	SQUEAH	**Inspection Date:**	2013/11/06
KM:	7.90	**User km:**	8.60	**Crossing Name:**	not known	**Next Inspection Date:**	2013/10/04
Project File ID #:	6092	**Br.**	01	**Forest District:**	Chilliwack Forest District		

Deck Type:	Gravel		**Running Surface:**	Gravel	
Superstructure	Log Stringers		**Abutments (Left/Right):**	Crib, Log or Untreated Timber	
Total Length *(metres)*:	15.5	**# Spans:**	1	**Span Length(s)** *(metres)*:	0
UTM Zone:	10	**UTM Easting:**	615180	**UTM Northing:**	5479162
Inspector Name:	T. Miller	**Year Built:**		1992	

Access: Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	see crib notes
Fill	Fair	
Hardware	Poor	loose lashing
Log/Timber Cribs	Poor	old and rotting
Piles or Posts	Not Applicable	
Riprap	Poor	scout left D/S
Tie-backs	Poor	rotten
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	very tight HC at both approaches
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	1	
Delineator Missing Right	1	
Fender Condition	None	
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	logs, too low

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Structure #:	CK-2255	Site #:	CK-2255	Road Name:	SQUEAH	Inspection Date:	2013/11/06

Gravel Deck Depth (metres)	0.4	
Gravel Surface	Fair	0.4
Hardware	Poor	gut lashed but logs rotten
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	replace

STRINGERS

Span 1

Stringer #	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments
1	650	No	150			Fd	conk
2	650	No	100			Fd	pocket rot noted
3	670	No	60			Fd	
4	820	No	140			Fd	
5	720	No	150			Fd	
6	1100	No	150			Fd	200mm rot, conk
7	780	No	150			Fd	200mm rot, conk
8	760	No	150			Fd	300mm rot, conk

Log Curbs	Poor	rotten
Needle Beam(s) and Shims	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	Estimated Present Water Level Width:	7.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	High	$1.00	Post and block access.

MONITORS

#	Description
1	for failure

GENERAL

Professional Inspection Required?	No	Regional Review Date:	2013/11/0[illegible]	P. Eng Reviewer Name:	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2008	Replacement Date for light vehicle traffic *(year)*:			2013
Current Load Rating GVW *(tonnes)*:	0	Design Load GVW *(tonnes)*:	68	Design Vehicle Config.:	L75
Inspector's Estimated Full Log Haul Replacement *(year)*:					
Inspector's Comment:					

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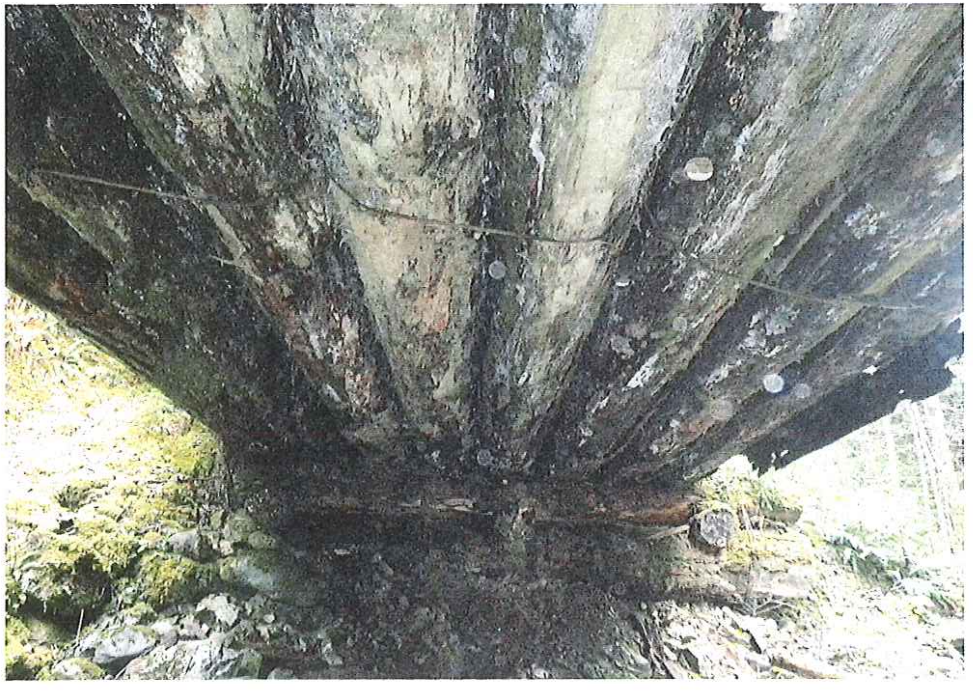
PEng Reviewer's Comment:	Structure condemned, 0 tonnes load rating. Please post and block access.
District Staff Comment:	

Nov 13/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995