



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2230		*Site Status ☐ Active ☐ Barricaded/Closed ☒ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8394		*Br. 02	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: PITT-BOISE			
*Kilometres: 7.60		User Kilometres:	
*Crossing Name: BOISE CRK		Close Proximity Inspection Required? ☐ Yes ☒ No	
*Inspection Status: ☒ Inspect ☐ Do Not Inspect			
*BCTS Business Area (if applicable):			
Trim Map Sheet #:		1:50,000 Map Sheet #:	
Special Access Requirements: ☐ ATV ☐ Boat ☐ 4-Wheel Drive ☐ Gate Key ☒ Helicopter ☐ Isolated Public Access		Special Equipment Requirements: ☐ Peeper Truck ☐ Scuba	
Point of Access Description:			
Coordinates N 49 37 15.1 Longitude: (ddd / mm / ss.s)		W 122 41 47.1 Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 52923	UTM Northing: 5496531	

*Denotes Mandatory Information for Corporate Bridge Register



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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure # CK2230	*Site #: CK2230
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name: BOISE CRK
*Forest District: CHILLIWA CK	Management Area:
*Forest Service Road: PITT-BOISE	Kilometres: 7.6
*Project File ID#: 8394	*Br. 02
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder ☐ Operations Division ☐ Road Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☒ New Structure ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): <small>(PEng to enter / update this value on structure details screen in CBR)</small> 63	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small> 2021
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS

Number of Spans: <div style="font-size: 1.5em; color: blue;">3</div>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <div style="font-size: 1.5em; color: blue;">26', 75', 26'</div>
Number of Piers: <div style="font-size: 1.5em; color: blue;">2</div>	Pier Type: ☐ Concrete ☐ Crib - Timber ☐ Piles - Concrete ☐ Piles - Steel ☐ Piles – Timber Treated ☐ Piles – Timber Untreated ☐ Steel Column on Concrete Pad
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☐ Yes ☒ No
Portable Superstructure Status: ☐ Installed ☐ Storage	

Portable Superstructure Storage Location:

*Bridge Length (metres): <div style="font-size: 1.5em; color: blue;">38.7m</div> <div style="font-size: 1.5em; color: blue;">39.3m</div>	*Superstructure: <table style="width: 100%;"> <tr> <td>☐ Compo Girders</td> <td>☐ Concrete Box Beam</td> <td>☐ Rail Car</td> </tr> <tr> <td>☐ Concrete Cast in Place</td> <td>☐ Concrete I/T Beam</td> <td>☐ Other</td> </tr> <tr> <td>☐ Concrete Slab Girders</td> <td>☐ Glulam Girder</td> <td></td> </tr> <tr> <td>☐ Log Stringer</td> <td>☐ Steel Box Beam</td> <td></td> </tr> <tr> <td>☒ Steel I-Beam</td> <td>☐ Steel Truss/Bailey/Acrow</td> <td></td> </tr> <tr> <td>☐ Timber-Treated Stringers</td> <td>☐ Timber-Untreated Stringers</td> <td></td> </tr> </table>	☐ Compo Girders	☐ Concrete Box Beam	☐ Rail Car	☐ Concrete Cast in Place	☐ Concrete I/T Beam	☐ Other	☐ Concrete Slab Girders	☐ Glulam Girder		☐ Log Stringer	☐ Steel Box Beam		☒ Steel I-Beam	☐ Steel Truss/Bailey/Acrow		☐ Timber-Treated Stringers	☐ Timber-Untreated Stringers	
☐ Compo Girders	☐ Concrete Box Beam	☐ Rail Car																	
☐ Concrete Cast in Place	☐ Concrete I/T Beam	☐ Other																	
☐ Concrete Slab Girders	☐ Glulam Girder																		
☐ Log Stringer	☐ Steel Box Beam																		
☒ Steel I-Beam	☐ Steel Truss/Bailey/Acrow																		
☐ Timber-Treated Stringers	☐ Timber-Untreated Stringers																		

*Deck Type: <table style="width: 100%;"> <tr> <td>☐ Concrete</td> <td>☐ Concrete Composite</td> <td>☐ Gravel</td> </tr> <tr> <td>☐ Concrete Removable</td> <td>☐ Concrete - Steel Free</td> <td>☐ Steel</td> </tr> <tr> <td>☒ Timber-Treated</td> <td>☐ Timber-Untreated</td> <td>☐ Other</td> </tr> <tr> <td>☐ Timber-Treated Panels</td> <td>☐ Timber-Untreated Panels</td> <td></td> </tr> </table>	☐ Concrete	☐ Concrete Composite	☐ Gravel	☐ Concrete Removable	☐ Concrete - Steel Free	☐ Steel	☒ Timber-Treated	☐ Timber-Untreated	☐ Other	☐ Timber-Treated Panels	☐ Timber-Untreated Panels		*Deck Width (metres): <div style="font-size: 1.5em; color: blue;">4.9</div>
☐ Concrete	☐ Concrete Composite	☐ Gravel											
☐ Concrete Removable	☐ Concrete - Steel Free	☐ Steel											
☒ Timber-Treated	☐ Timber-Untreated	☐ Other											
☐ Timber-Treated Panels	☐ Timber-Untreated Panels												

*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☐ Gravel ☐ Not Available ☒ Timber Planks
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*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☒ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad	*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☒ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad
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Comments:

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either long/lat or UTM below – not both)			
*Site #: CK-2230	*Crossing Name: Boise Creek	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 8394				
*Structure #: CK-2230			*Br. 02				
*ESR Name: Pitt-Boise	*Forest District: Chilliwack	*Kilometres: 7.60	User km: 7.60				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	521923	5496531		
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated							
Item	Present Condition (circle or fill-in)		Comments (a comment is mandatory if condition "Poor" is selected)				
Alignment	E	G <u>F</u> P UR	Bridge approaches Flawed, tight corners				
Bridge Ahead Signs Missing	0	1 <u>2</u>	Side of left approach, road washed out				
Brushing Required	<u>Yes</u>	No					
Delineator Missing Left	0	1 <u>2</u>					
Delineator Missing Right	0	<u>1</u> 2					
Fender Condition	E	G <u>F</u> P None UR	old logs				
Posted Load Rating	(tonnes) or None						
Road Surface	E	G <u>F</u> P UR	Potholes on approaches / washed out on left approach				
LEFT/RIGHT ABUTMENTS (as seen facing downstream)							
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)				
Log/Timber Crib	E	G F P <u>N/A</u> UR					
Tie-backs	E	G F P <u>N/A</u> UR					
Bin Wall	E	G F P <u>N/A</u> UR					
Concrete (cast in place; lock blocks, precast)	E	G F P <u>N/A</u> UR					
Caps or Sills	E	G F P <u>N/A</u> <u>UR</u>					
Piles or Posts	E	G <u>F</u> P N/A UR	Pipe risers				
Ballast Wall	E	G <u>F</u> P N/A UR	Treated timber				
Wing Wall	E	G F P <u>N/A</u> UR					
Bracing	E	G <u>F</u> P N/A UR					
Hardware	E	G <u>F</u> P N/A UR					
Fill	E	G <u>F</u> P N/A UR					
Riprap	E	<u>G</u> <u>F</u> P N/A UR	Some unstable / railing and against piers				
Bearings	E	G <u>F</u> P N/A UR	Rubber pads				
Corrosion Protection	E	G <u>F</u> P N/A UR					
Span 1 of 3 (spans are numbered consecutively starting from the left abutment)							
Use "Additional Spans" Sheet for Multiple Spans							
DECK							
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)				
Running Surface (N/A if running surface is gravel or timber planks)	E	G F P <u>N/A</u> UR					
Running Planks	E	G F <u>P</u> N/A UR	Rotten 3" x 12" planks				
Sub-deck	E	G <u>F</u> P N/A UR	Treated 4" planks				
Ties	E	G <u>F</u> P N/A UR	Treated 8" x 10" ties with 400mm C/C spacing				
Nails	E	G F <u>P</u> N/A UR	some sticking out				
Deck to Girder Bolts	E	<u>G</u> <u>F</u> P N/A UR					
Concrete Deck	E	G F P <u>N/A</u> UR					
Grout Pockets	E	G F P <u>N/A</u> UR					
Deck Joints	E	G F P <u>N/A</u> UR					
Steel Deck Plate	E	G F P <u>N/A</u> UR					
Gravel Surface	E	G F P <u>N/A</u> UR					
Gravel Deck Depth	metres or <u>N/A</u>						
Curb Rail/Blocks/Posts	E	G F <u>P</u> UR	Rotten timber rails				
Handrails/ Walkouts	E	G F P <u>N/A</u> UR					
Hardware	E	G <u>F</u> P N/A UR					
Overall Deck Condition	E	G F <u>P</u> UR	Rotten running planks + timber rails				

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
*Site #: CK-2230		*Structure #: CK-2230	
SUPERSTRUCTURE			
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E	G (F) P UR	3x Steel I-Beams - structure failed on approach
Diaphragms	E	G F P N/A UR	thus extra I-Beam
Bracing	E	G (F) P N/A UR	
Under-trussing	E	G F P N/A UR	
Hardware	E	G (F) P N/A UR	
Welded / Grouted Shear Connectors	E	G F P N/A UR	
Stream CHANNEL			
*Est. Present Water Level Depth 0.5 (m)		*Est. Present Water Level Width 12 (m)	*Est. High Water Level Clearance 1 (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes (No)	Scour?	Yes (No)
Ice?	Yes (No)	Debris?	Yes (No)
Aggradation?	Yes (No)		
Comments			
REPAIRS: ☒ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L	\$1.00	Replace structures running planks and rails when industrial activity begins
2	H M L		
3	H M L		
*Monitoring Status: ☐ Recommended ☒ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	Deck	5	Pier 2 rocks at bottom #9 Pier 1
2	Left abutment close	6	Right abutment #10 from upstream
3	from downstream	7	Left abutment #11 from left
4	from right	8	Pier 2 #12 Left bearing #13 slide on left approach
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)	P Eng Inspection Required? Yes (No)		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): 2021
*Date of Inspection (yyyy/mm/dd) 10/30/25		*Inspection Company Name ONSITE	*Inspector's Name (print) J. C. P. ARAKI
Inspector's Comments		Inspector's Signature J. C. P. ARAKI # 29755	
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): 63 tonnes		Date of Next Planned Inspection (yyyy/mm/dd) 2015/09/30	
Reviewer Company Name MoF		Reviewed by - PEng's Name (print) T. Miller	Date Reviewed (yyyy/mm/dd) 2014/01/06
PEng Reviewer's Comments Replace running planks and guardrail with industrial activity. Post bridge ahead signs and replace			

* Denotes Mandatory Information for Corporate Bridge Register missing delineators. The ties are undersized at 200mm x 250mm for design load rating (L110), they should be 200mm x 300mm. Present load rating of of BCL-625 or 63 tonnes to continue.



Routine Condition Bridge Inspection Form
(except for log stringer or timber stringer bridges)

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION			
Site #	CK 2230	Structure #	CK 2230
Span 2 of 3 (spans are numbered consecutively starting from the left abutment)			
DECK			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Running Surface (N/A if running surface is gravel or timber planks)	E G F P N/A UR		
Running Planks	E G F P N/A UR	Rotten 3" x 12" timber	
Sub-deck	E G F P N/A UR	4" treated	
Ties	E G F P N/A UR	8" x 10" treated	
Nails	E G F P N/A UR	Some sticking out	
Deck to Girder Bolts	E G F P N/A UR		
Concrete Deck	E G F P N/A UR		
Grout Pockets	E G F P N/A UR		
Deck Joints	E G F P N/A UR		
Steel Deck Plate	E G F P N/A UR		
Gravel Surface	E G F P N/A UR		
Gravel Deck Depth	metres or N/A		
Curb Rail/Blocks/Posts	E G F P UR	Rotten rails	
Handrails/ Walkouts	E G F P N/A UR		
Hardware	E G F P N/A UR		
Overall Deck Condition	E G F P UR	Rotten running planks + curb rails	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F P UR	2x steel I-beams	
Diaphragms	E G F P N/A UR		
Bracing	E G F P N/A UR		
Under-trussing	E G F P N/A UR		
Hardware	E G F P N/A UR		
Welded / Grouted Shear Connectors	E G F P N/A UR		
PIER 1 of 2 (piers are numbered consecutively starting from the left abutment)			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Caps	E G F P UR		
Piles or Posts	E G F P N/A UR	Pipe risers x5	
Concrete	E G F P N/A UR		
Bracing or Sheathing	E G F P N/A UR		
Cribs	E G F P N/A UR		
Hardware	E G F P N/A UR		
Rip Rap	E G F P N/A UR		
Dolphins	E G F P N/A UR		
Bearings	E G F P N/A UR	Rubber pads	
Wall	E G F P N/A UR		
Overall	E G F P UR		

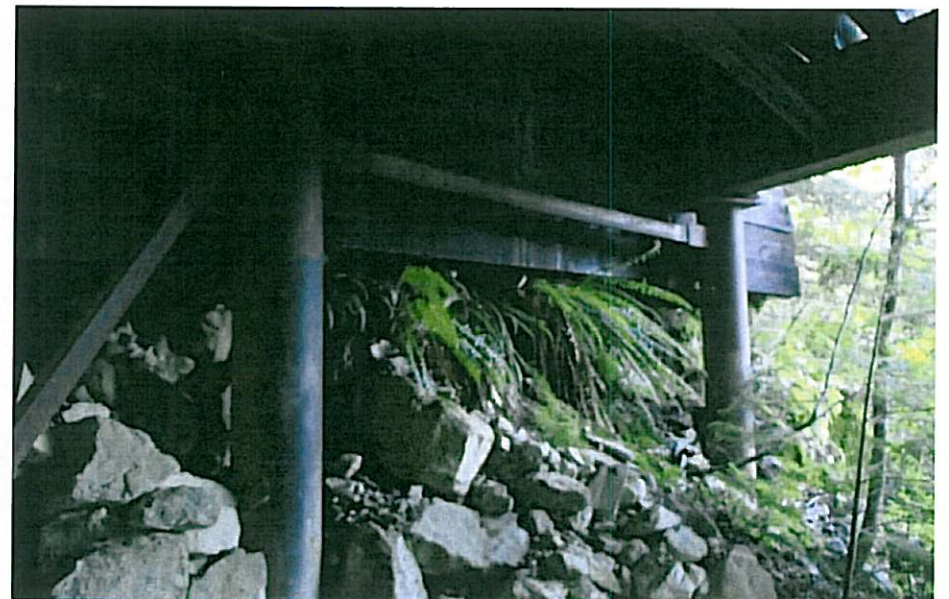
**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site #	CK-2330	
Structure #	CK-2330	
Span	3 of 3 (spans are numbered consecutively starting from the left abutment)	
DECK		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface (N/A if running surface is gravel or timber planks)	E G F P N/A UR	
Running Planks	E G F P N/A UR	Rotten 3" x 12" timber
Sub-deck	E G F P N/A UR	4" treated
Ties	E G F P N/A UR	8" x 10" treated
Nails	E G F P N/A UR	Some sticking out
Deck to Girder Bolts	E G F P N/A UR	
Concrete Deck	E G F P N/A UR	
Grout Pockets	E G F P N/A UR	
Deck Joints	E G F P N/A UR	
Steel Deck Plate	E G F P N/A UR	
Gravel Surface	E G F P N/A UR	
Gravel Deck Depth	metres or N/A	
Curb Rail/Blocks/Posts	E G F P UR	Rotten rails
Handrails/ Walkouts	E G F P N/A UR	
Hardware	E G F P N/A UR	
Overall Deck Condition	E G F P UR	Rotten running planks + curb rails
SUPERSTRUCTURE		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G F P UR	3 x steel I-beams = flared at ends
Diaphragms	E G F P N/A UR	
Bracing	E G F P N/A UR	
Under-trussing	E G F P N/A UR	
Hardware	E G F P N/A UR	
Welded / Grouted Shear Connectors	E G F P N/A UR	
PIER 2 of 2 (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E G F P UR	
Piles or Posts	E G F P N/A UR	Pipe risers x 5 some rock against
Concrete	E G F P N/A UR	
Bracing or Sheathing	E G F P N/A UR	
Cribs	E G F P N/A UR	
Hardware	E G F P N/A UR	
Rip Rap	E G F P N/A UR	Bedrock controlled
Dolphins	E G F P N/A UR	
Bearings	E G F P N/A UR	
Wall	E G F P N/A UR	
Overall	E G F P UR	



CK-2230 Deck



CK-2230 Left abutment close



CK-2230 From downstream



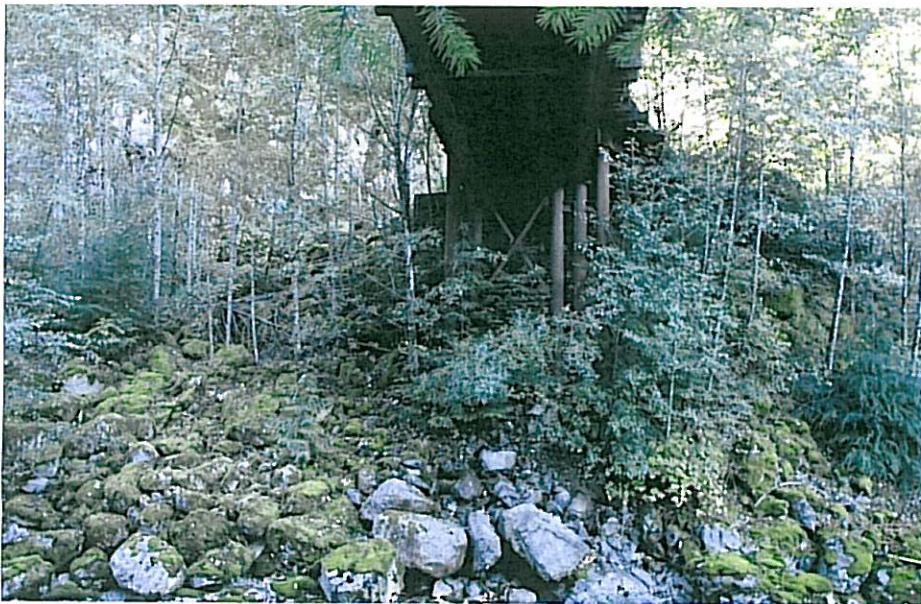
CK-2230 From right



CK-2230 Pier 2 rocks at bottom



CK-2230 Right abutment



CK-2230 Left abutment



CK-2230 Pier 2



CK-2230 Pier 1



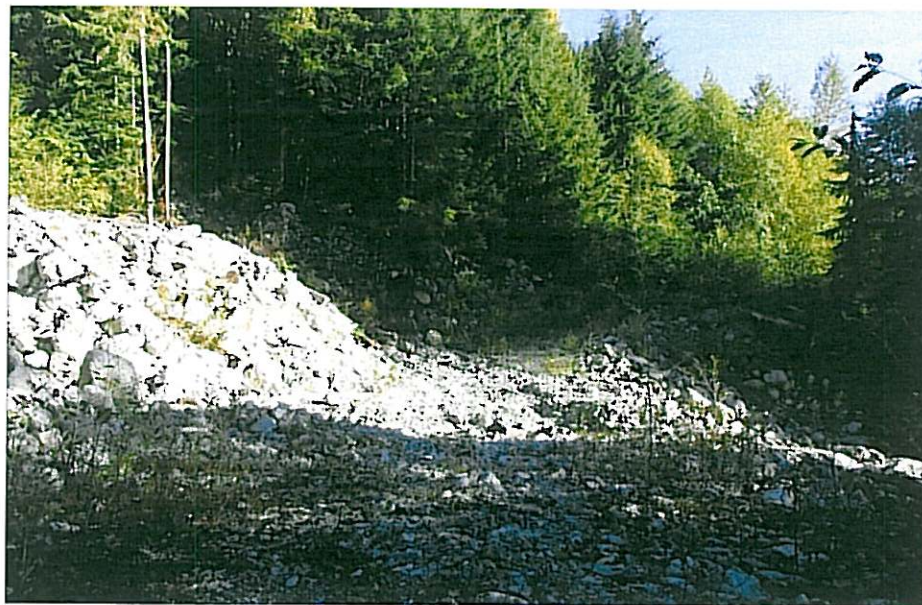
CK-2230 From upstream



CK-2230 From left



CK-2230 Left bearing



CK-2230 Slide on left approach

25-Sep-13