

**BC Timber Sales**  
**100 Mile House**  
**Bowers Lake Visual Assessment**  
**TSL A89131 Blocks J123 & J123A**  
 produced by  
**RDI Resource Design Inc**  
**September, 2012**

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# Visual Impact Assessment Summary Table

District: BCTS 100 Mile House

Licensee: BCTS

Licence Number	A89131	CP# & BLK #, or RP#:	J123 J123A	Map Reference #:	92p067	Proposed year of Harvest	2012	Proposed Silv System	CC with WTPAs
Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.)	Cutblock								
VISUAL LANDSCAPE INVENTORY LABEL (old)	VLU#:								
VISUAL LANDSCAPE INVENTORY LABEL Kamloops LRMP	VSU#:	VSR:	VAC:	EVC:	EVQO:				
DOES EVC EXCEED THE ESTABLISHED VQO?	No known recent alteration in VSU 282					EVQO:	M		

## VIEWPOINTS & VIEWING CONDITIONS

Number & Name of Viewpoints from which the proposal is visible?

Indicate Viewpoint Importance. (Major/minor/potential)

Viewing Distance (Fg, Mg or Bg.) to visible

VP 487	VP 488	VP 489; 470; 471	VP 472
Major (significant)	Major (significant)	Major (significant)	Major (significant)
MG (2km-6km)	MG (2km-6km)	MG (2km-6km)	FG (lead edge of J123) to MG

Block Visibility		
Viewpoint	J123	J123A
467	NV	Yes - tiny ridge, screening
468	NV	Yes - just visible on skyline
469	Yes - slight swoosh - good design	Yes - sliver on ridge - good design
470	NV	Yes - sliver through trees - good design
471	Yes - large sliver - good design*	Yes - sliver - good design
472	Yes - large opening, good design*	Yes - most open view - good design

\* RDI trial 2.2 ha leave patch would maintain ridge cap for added design benefit

## ASSESSING BASIC VQO DEFINITION

Does the proposed alteration, in combination with any existing Non-Veg alterations, achieve the basic VQO definition for the established VQO from each of the identified viewpoints?

VSU 282 Modification (M) Yes			
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"Partial Retention PR" means an alteration of a forest landscape resulting from the presence of cutblocks or roads, such that, when assessed from a viewpoint that is representative of significant public viewing opportunities, the alteration

(a) is easy to see, (b) is small to moderate in scale, and (c) has a design that appears natural and is not angular or geometric.

"Modification (M)" Visual Quality Class means an alteration of a forest landscape resulting from the presence of cutblocks or roads, such that, when assessed from a viewpoint that is representative of significant public viewing opportunities, the alteration is very easy to see and is either (a) large in scale with a design that is natural in its appearance, or (b) small to moderate in scale but with a design that has some angular characteristics (FREP Visual Quality Class Definitions from Protocol for Visual Quality Effectiveness Evaluation Procedures and Standards, 2008. If applicable state reasons why the proposal does not achieve the basic definition: While J123 is large in scale, it meets a Modification definition. Note: a 2.2 ha leave patch recommendation by RDI would maintain the ridge cap, thereby improving on overall design (see key map for location).

If applicable, which basic VQO definition would the proposed alteration in combination with any existing Non-VEG alterations meet? (see note above)

N/A  or P  R  PR  M  MM  EM

**ASSESSING VISUAL DESIGN**

Do the proposed alterations exhibit elements of good visual design?

YES  NO

Do the proposed alterations respond to the lines of force analysis?

YES  NO

If No why?

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Design principles and practices used to blend the proposed alteration(s) with the landscape (e.g. edge treatment & feathering, irregular boundaries, leave trees/patches, etc.):

Although large in scale, J123 follows visual force lines. The front edge is screened from the lake viewpoints. The WTRA along the back edge of the block diminishes scale. A suggested additional leave patch by RDI (2.2 ha) would protect the ridge cap, thereby strengthening visual forces. The block is not seen from 3 of the 6 lake viewpoints.

J123A is a ridge top sliver benefiting from lead-edge screening as seen from 4 of the 6 viewpoints, and has good design from all viewpoints.

Each of the viewpoint simulations are presented separately in the report.

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Are there existing human made alterations visible in the unit showing no or poor design?

NO  YES



**ASSESSING SCALE OF ALTERATION - see viewpoint image sheets**

Percent Alteration VSU 282 from VP 472*	
Name	Area2
VSU282-M	138941839.81
J123	8049270.90
J123A	230416.00
Sum Alt	8279686.90
%alt VSU282 - both	5.96%
J123% of VSU282	5.79%

\*Scale of alteration from VP 472 is under the lower limit of Modification, but the VSU is large. The alteration meets Modification from this viewpoint.

Scale of alteration from other viewpoints (not measured) ranges from Retention (VPS 467-470) to Partial Retention (VP 471). In consideration of overall experience from all viewpoints, Alteration is well-under Modification.

**FOREGROUND ALTERATIONS AND SCREEN DESIGN**

Is the visible portion of proposed alteration within 1 kilometre of the viewing locations? **YES**   VP 472 only **NO**

Does vegetative or landform screening exist? **YES**   **Variable** **NO**

If yes, what type: Deciduous  Coniferous  Mixed Forest  Landform

Would the screen hide proposed operations? **YES**   **NO**

Is vegetative screen designed properly ie responds to lines of force, shape & scale and remains a viable unit for future removal? **YES**   **NO**  **N/A**

Is vegetative screen expected to be windfirm? **YES**   **NO**  **N/A**

If alteration would not be screened or only partially screened, describe the actions proposed to reduce the visual impact in the immediate foreground (e.g. landing location, roadside clean-up, etc.)

**ADDITIONAL CONSIDERATIONS**

Does the EVC in adjacent units exceed the established VQO for those units and how would this affect the management of the present unit proposed for alteration? **YES**  **NO**

Comments: \_\_\_\_\_

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Has this VIA submission incorporated all known alterations proposed within the Visual Sensitivity Unit for the next 5 years? (i.e. all blocks proposed by the same or different licensees) **YES**  **NO**

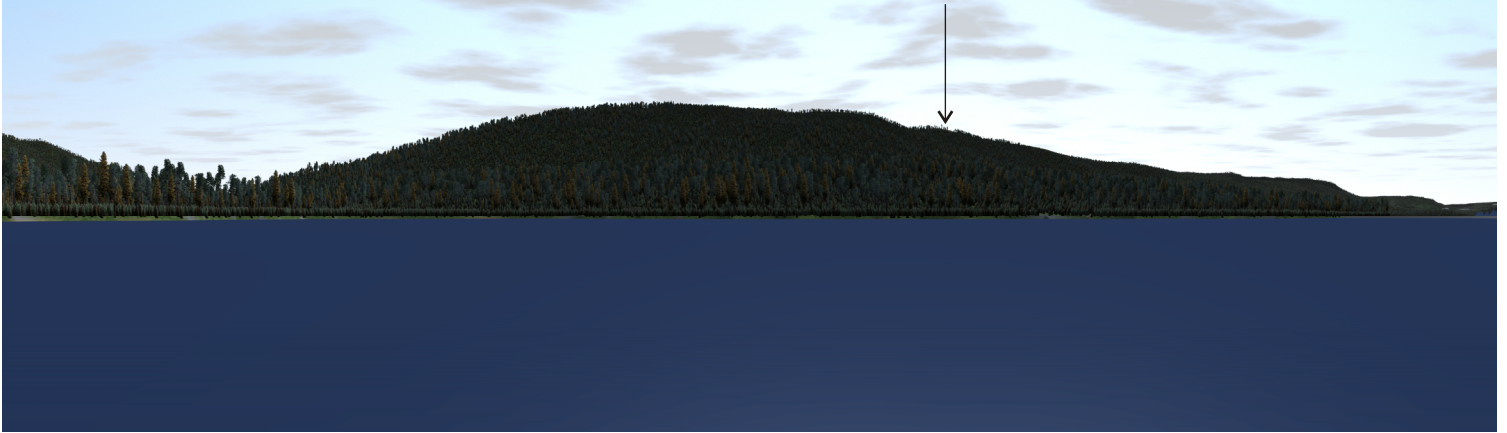
Comments: \_\_\_\_\_

*Ken B. Fairhurst*

Completed by: Ken B. Fairhurst, R.P.F.

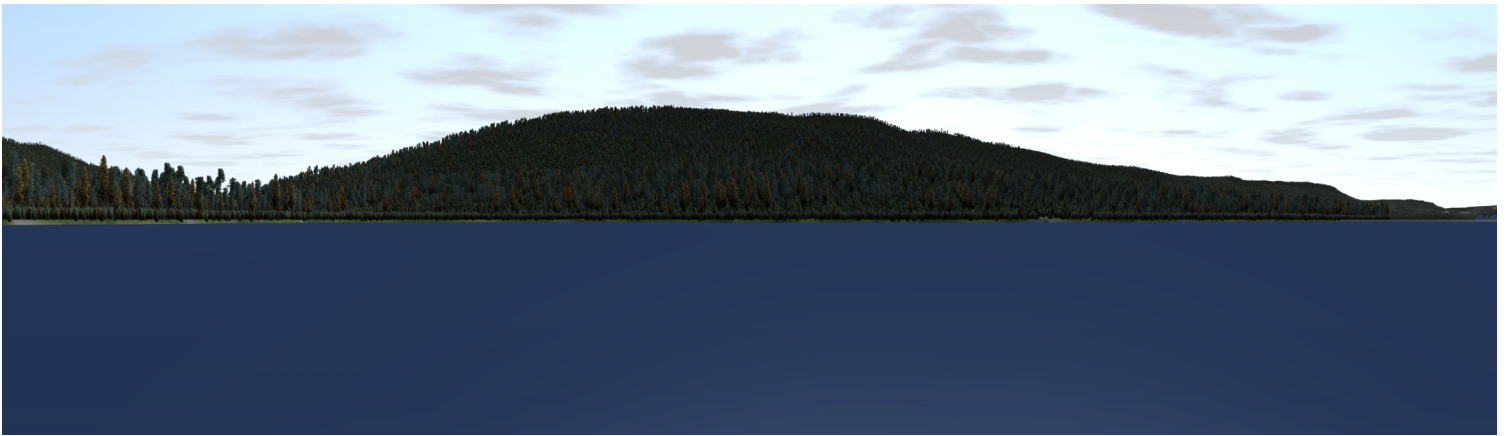
Date Completed: September 16, 2012

J123A (mainly screened)



No RDI Leave in J123 (block NVS)

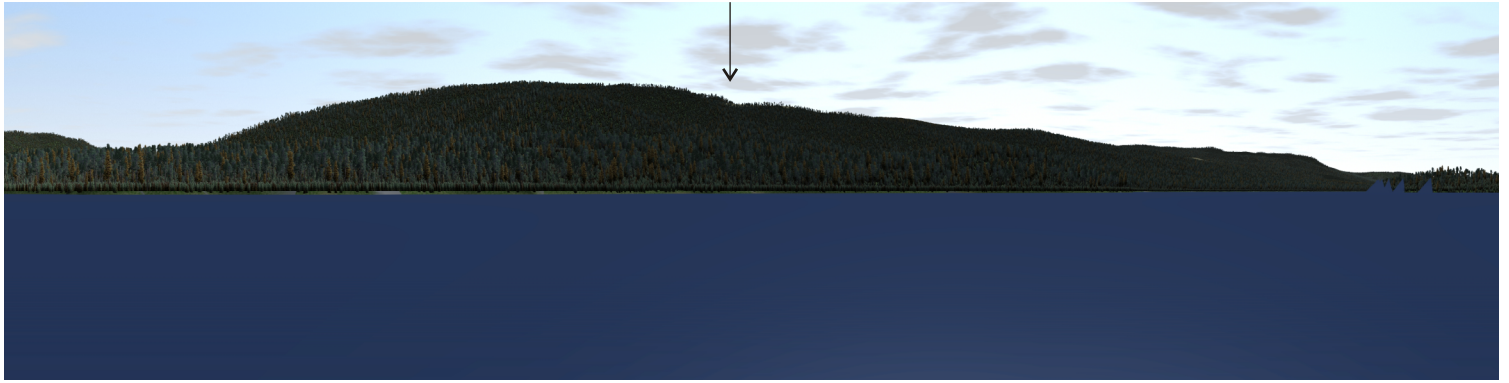
5000w; 2600l



With RDI Leave in J123 (no change)

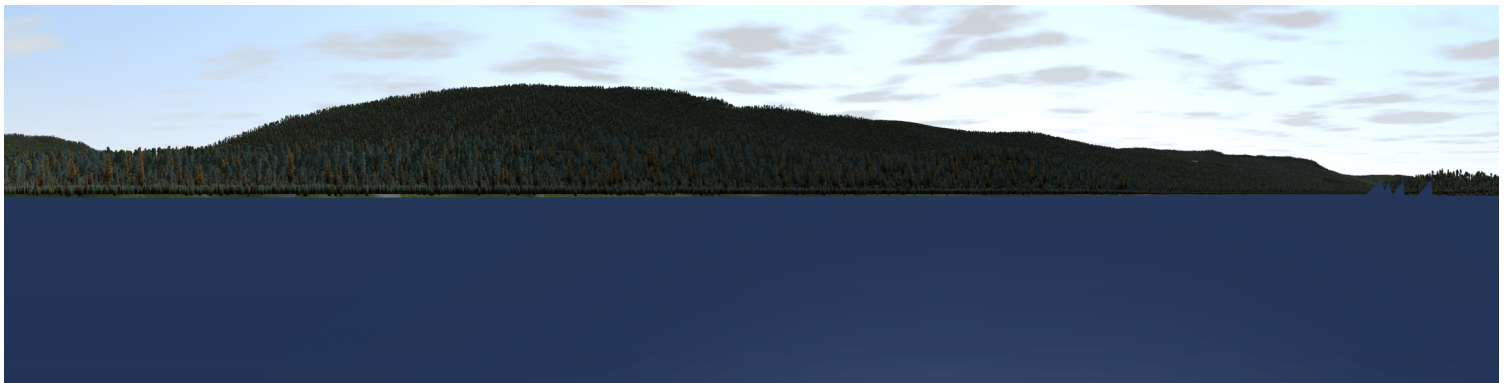
Viewpoint 467

J123A (mainly screened)



5700w; 1800l

No RDI Leave in J123 (block NVS)

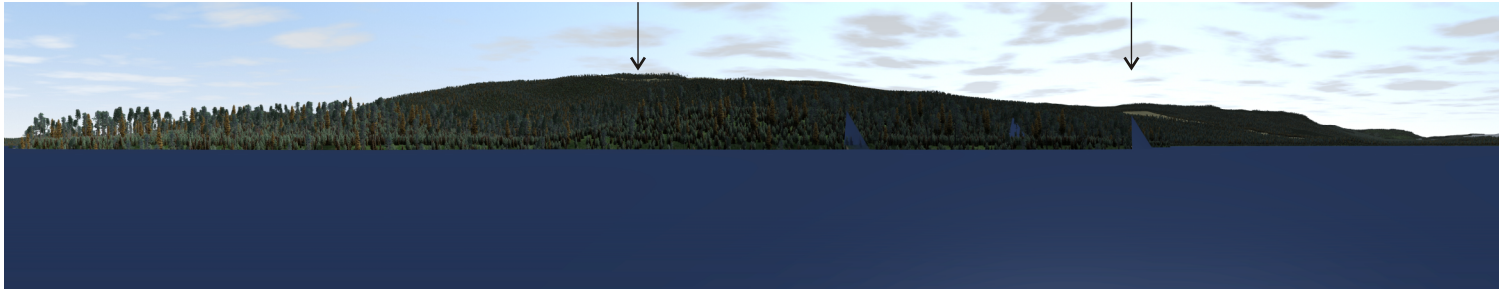


With RDI Leave in J123 (no change; block NVS)

Viewpoint 468

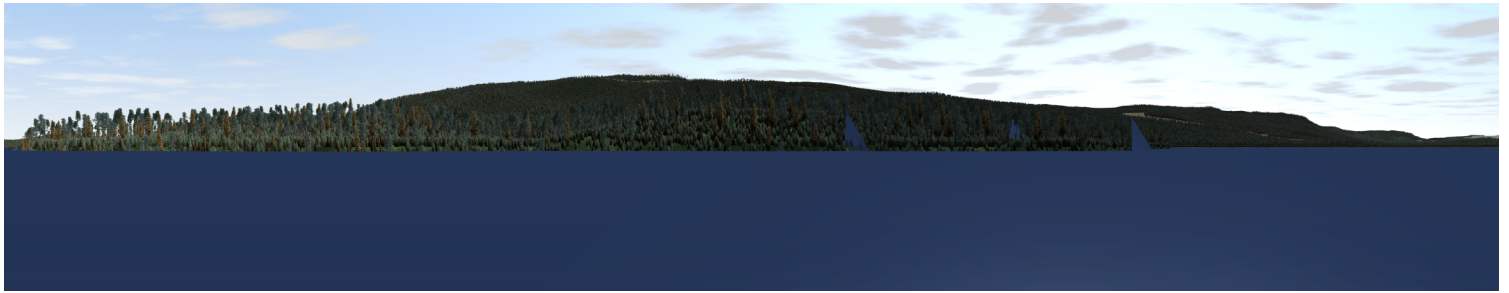
J123A

J123



No RDI Leave in J123

7500w; 0l



With RDI Leave in J123 (slight change)

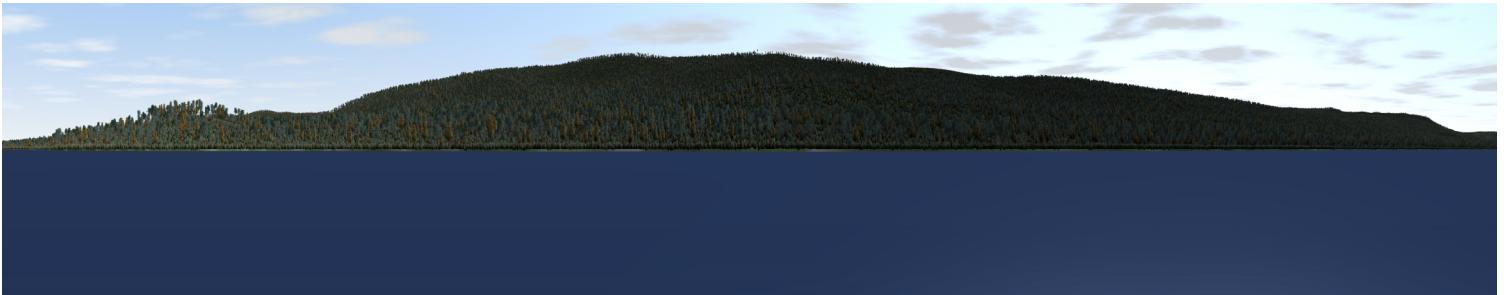
Viewpoint 469

J123A (mainly screened)



No RDI Leave in J123 (block NVS)

7400w; 0l



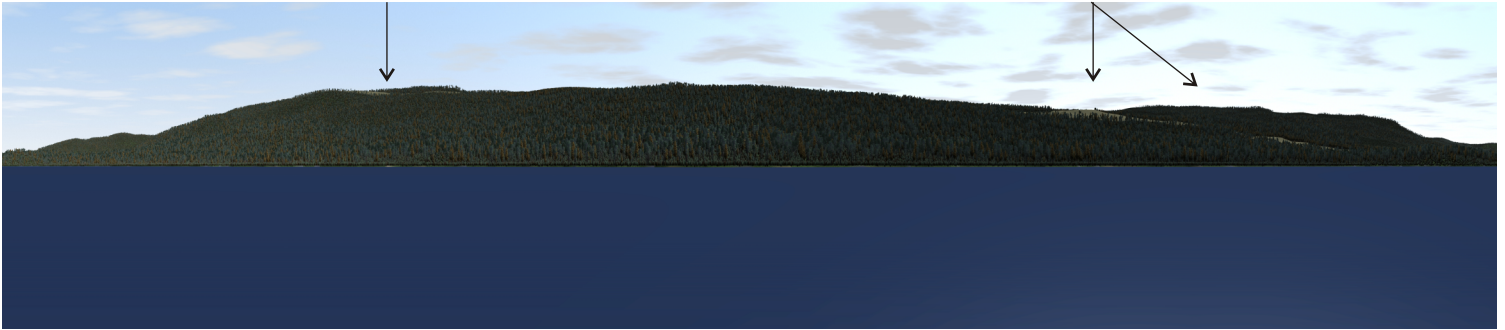
With RDI Leave in J123 (no change; non-visible)

Viewpoint 470



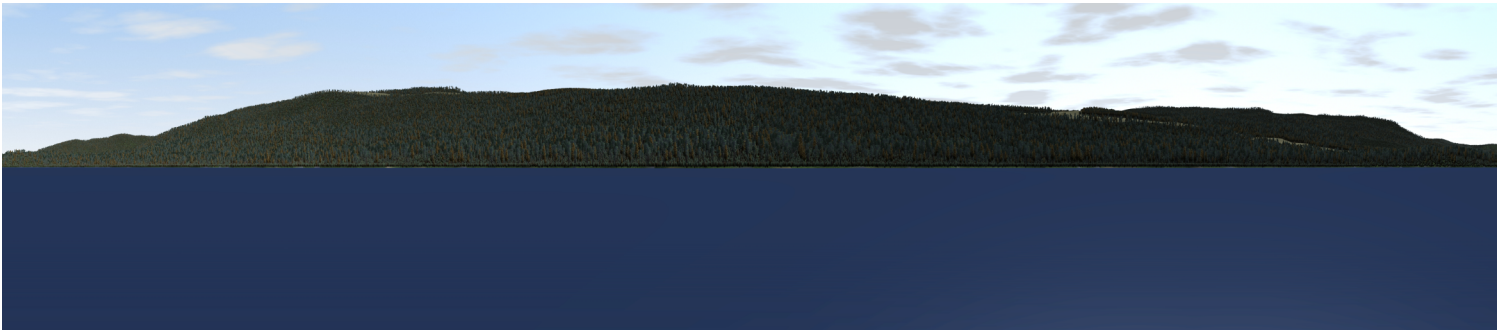
J123A

J123



No RDI Leave in J123

6600w; 500l



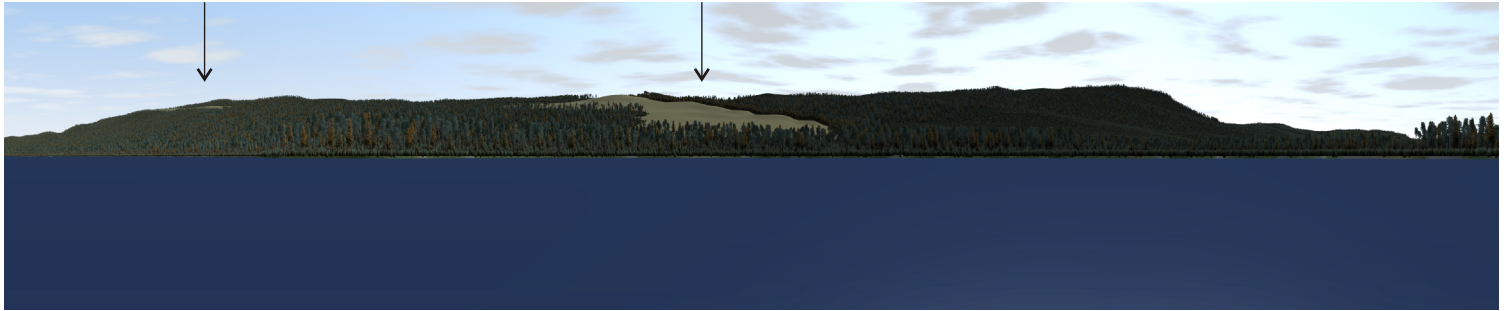
With RDI Leave in J123 (slight change)

Viewpoint 471



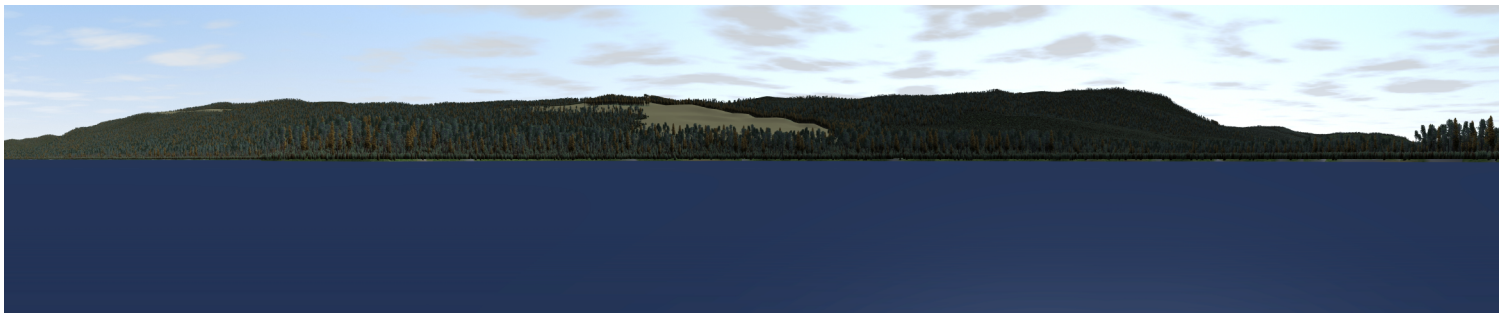
J123A

J123

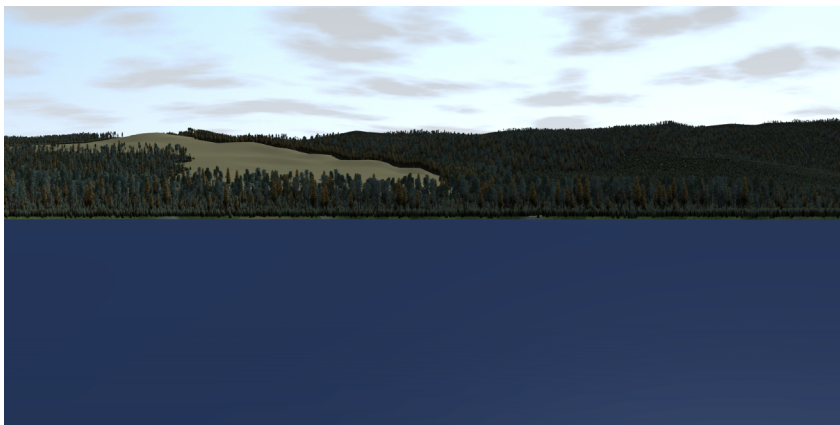


No RDI Leave in J123

7000w; 600l



With RDI Leave in J123

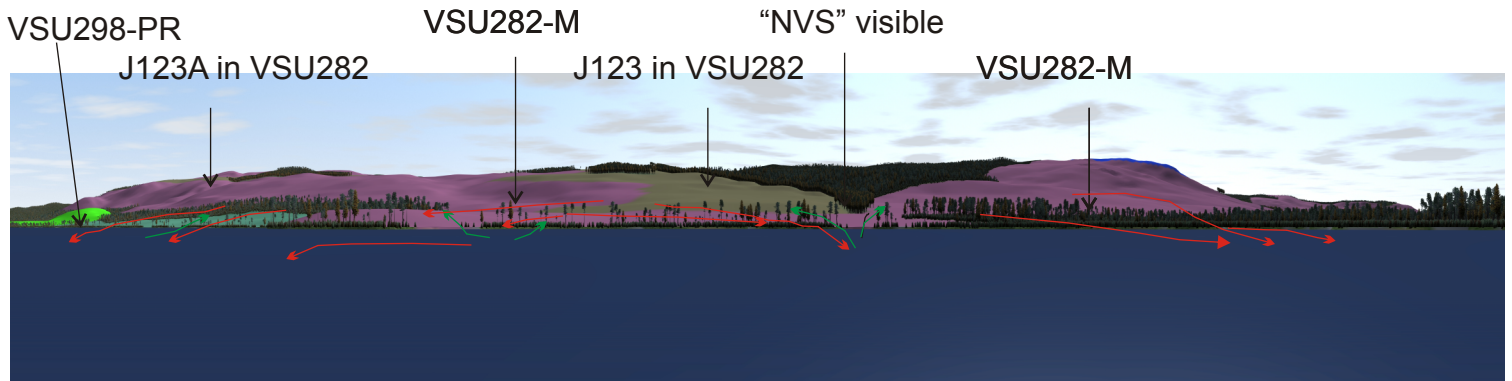


No RDI Leave in J123

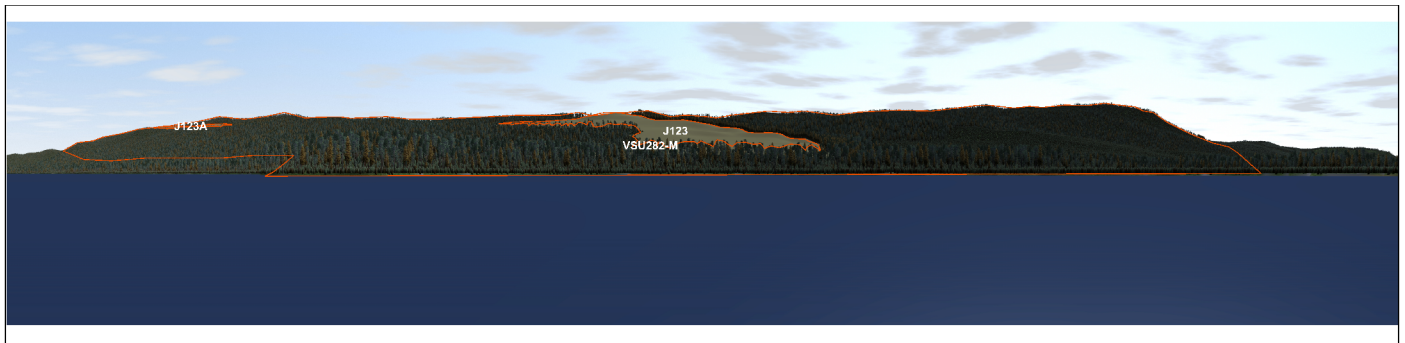


With RDI Leave in J123  
provides ridge cap

Viewpoint 472



→ Visual Force - convexity  
→ Visual Force - concavity



Percent Alteration Calculation for VSU 282 (Modification VQO)

Percent Alteration VSU 282	
Name	Area2
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Sum Alt	8279686.90
%alt VSU282	5.96%
J123% of VSU282	5.79%

Percent Alteration for VSU 282 well within Modification VQO

## Viewpoint 472 Analysis