

BC Timber Sales - Kamloops Business Area

Area 1 - Albreda A87597 / A56781

Visual Design and Assessment

RDI Resource Design Inc
March 22, 2012

Contents

1	Cover - Key Map
2	Contents
3	VIA Summary Table 1
4	VIA Summary Table 2
5	VP 1730
6	VP 1730 Analysis
7	VP 1734
8	VP 1734 Analysis
9	VP 1733
10	VP 1731
11	Photo Coverage Map (Google Earth)
12	Photo Sheet
13	VNS Model Validation
14	Area 1 Map - close



Visual Impact Assessment Summary Table

District: Kamloops

Licensee: BCTS Kamloops Business Area

Licence Number	A87597 A56781	CP# & BLK #, or RP#:	D076F 1	Map Reference #:	083d055	Proposed year of Harvest	2012	Proposed Silv System	CC-PC
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Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.) Cutblock

VISUAL LANDSCAPE INVENTORY LABEL (old) VLU#: VSR: VAC: EVC: EVQO:

VISUAL LANDSCAPE INVENTORY LABEL Kamloops LRMP VSU#: VSC: VAC: EVC: EVQO:

DOES EVC EXCEED THE ESTABLISHED VQO? None established. Recommended Pr/M Yes No

VIEWPOINTS & VIEWING CONDITIONS: VIEWPOINT ARRAY EXTENDS 12KM FROM SUMMIT RIVER LODGE AT VP 1731 SOUTH TO VP 1730 PLUS ADDITIONAL GLIMPSES TO VP 1729 (14KM TOTAL).

Number & Name of Viewpoints from which the proposal is visible?	1730	1734	1733	1731
Indicate Viewpoint Importance. (Major/minor/potential)	major	major	major	major
Viewing Distance (Fg, Mg or Bg.)	MG	MG	BG	BG

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?

Yes	No	similar to but more distant than VP 1734	similar to but more distant than VP 1734
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If applicable state reasons why the proposal does not achieve the basic definition.

The large rehab block (A56781) will clear most of the forest on the minor landform component of the VSU, when seen together with the greened up older logging. An alternative is presented by RDI to meet the VQO from all viewpoints which will still be dominant on the small landform though within PR bounds within the overall VSU. The RDI proposal strengthen the force lines travelling through the small landform, and will hasten visual recovery. The RDI design is assessed in this VIA. Both the original plan and the RDI option are presented in the images and analysis sheets.

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

N/A or P R PR M MM EM

ASSESSING VISUAL DESIGN

Does the proposed alteration(s) exhibit elements of good visual design? YES NO
 Does the proposed alterations respond to the lines of force analysis? YES NO
 If No why?

Describe the 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.)

Varied sizes of openings, with strengthened lines of force will reduce visual impacts and encourage rapid mitigation.

Is there existing human made alterations visible in the unit showing no or poor design?
 NO YES ==> past logging was mainly horizontal broad strips with high contrast, particularly in winter.

ASSESSING SCALE OF ALTERATION - SEE IMAGE SHEETS FOR VPs 1730 AND 1734 FOR DATA

(Use photographs or computer simulation output for calculations) (See Appendix 4 for example of calculation)
See viewpoint pages for details

	VPT #1730	VPT #1734		
1. Total area of landform/VSU in perspective view as seen from each viewpoint.(measured in cm ²)				
2. Visible portion of proposed alteration(s) in perspective from each viewpoint.(measured in cm ²)				
3. Visible Ground area of all existing alterations in Non-VEG state in perspective view from each viewpoint.				
4. Total % alteration of the viewshed in perspective view from each viewpoint. [(#2+#3), #1] 100=#4	6.% proposed 4% RDI	12% proposed 7% RDI		

Does the total % alteration in perspective view from each viewpoint fall within the VQO guidelines?
(P=0%; R=0-1.5%; PR=1.6-7.0%; M=7.1-18.0%)

YES
NO

YES
NO
(RDI only)

YES
NO

YES
NO

FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the proposed alteration within 1 kilometer of the viewing locations? YES NO

Does vegetative or landform screening exist? YES NO

If yes, what type: Deciduous Coniferous Mixed Forest Landform

Would the screen hide proposed operations? YES NO Partially

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.)
No in immediate foreground. The closest viewpoint (1730) looks obliquely up at the upper blocks with perspective foreshortening reducing the scale.

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

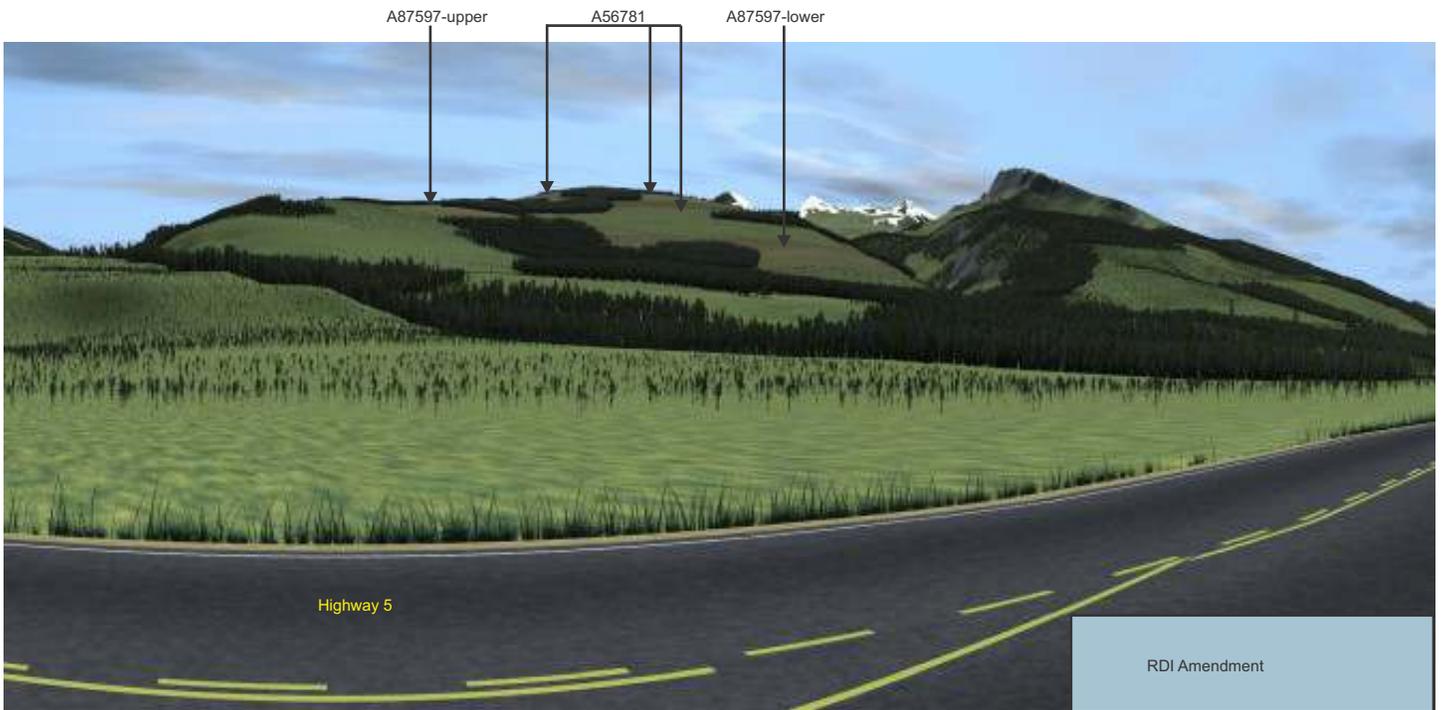
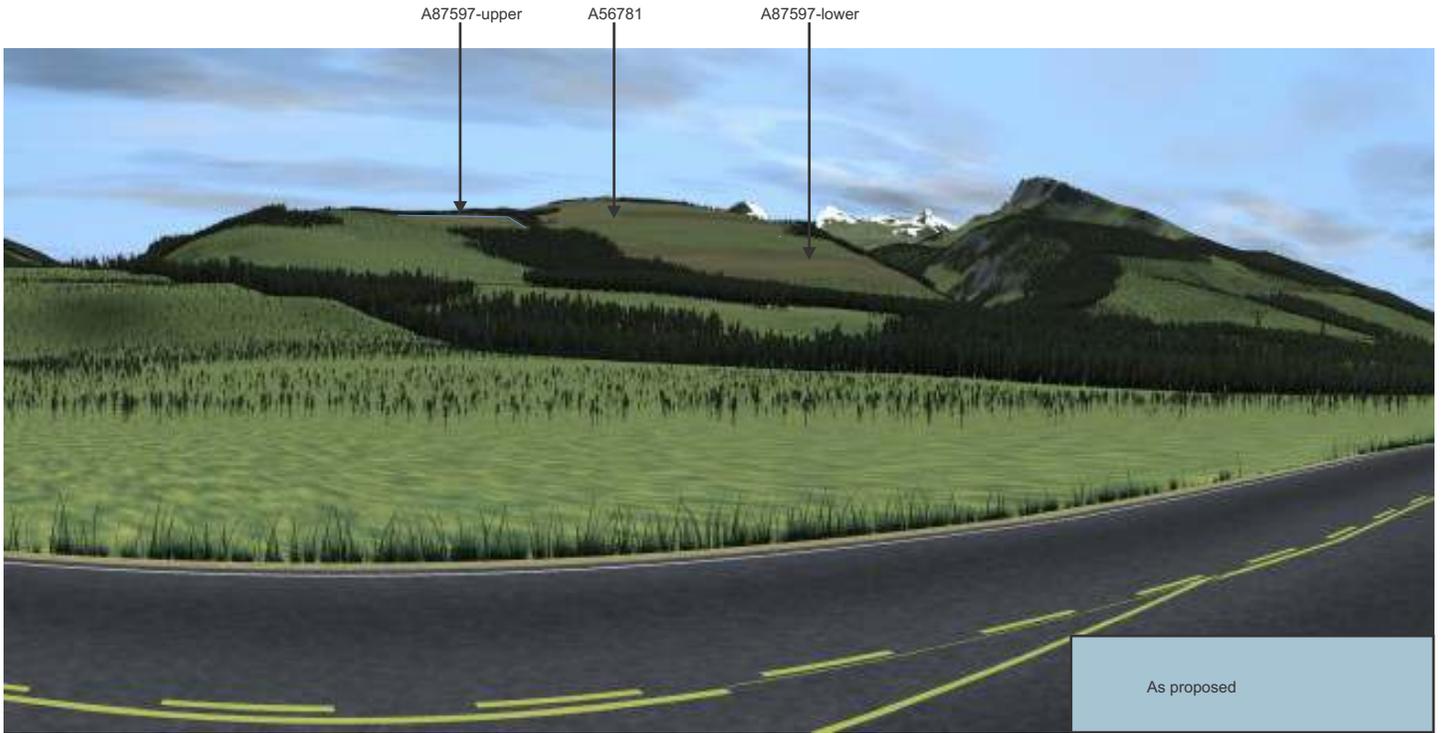
Comments: The past harvesting has a definite green hue when seen from the distant viewpoints, allowing it to be considered VEG even though colour contrast may be heightened in winter snow conditions.

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

Comments: Area 4 - A66451 is within the same VSU but locates further south and away from the north viewpoints
A glimpse of A87597-1 may be possible from VP 1728 where some views of A4 are also likely.
Percent alteration of VSU 9 from VP 1728 is well within PR (see Area 4 analysis).

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

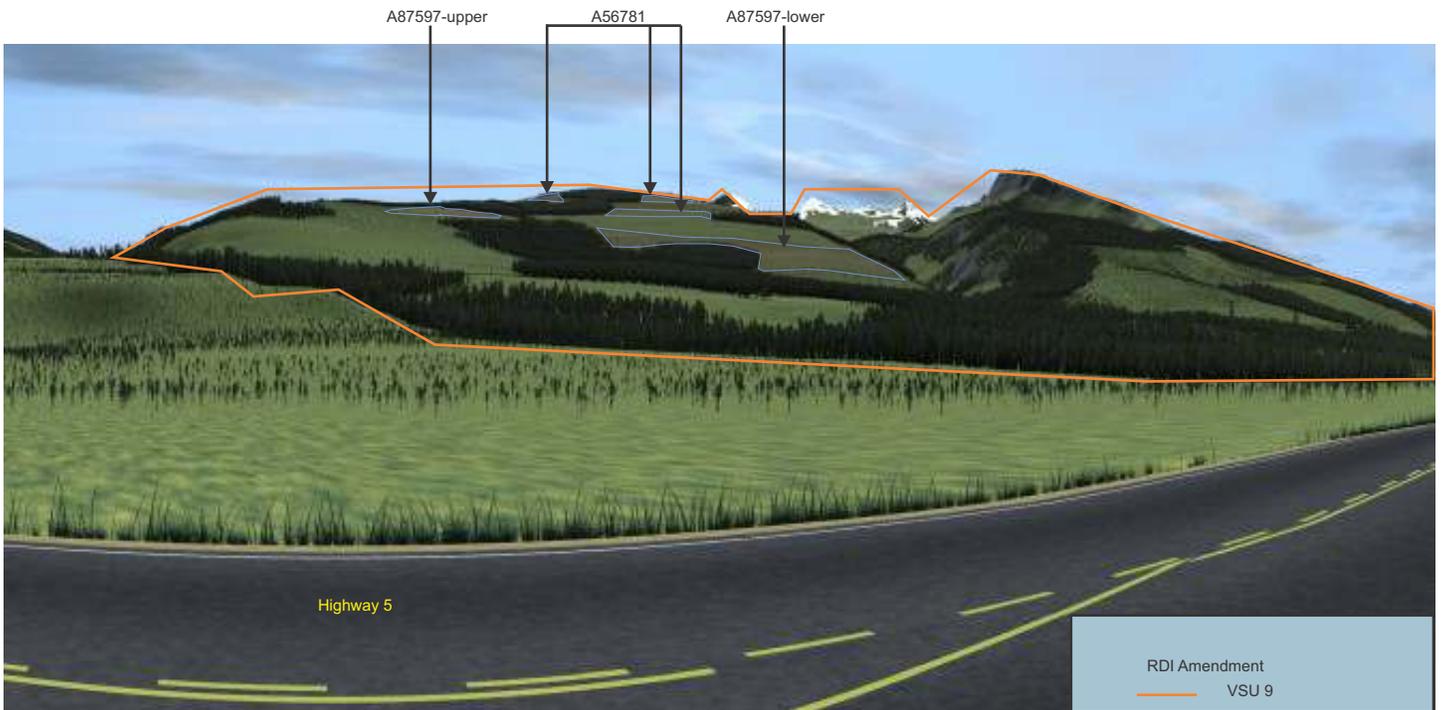
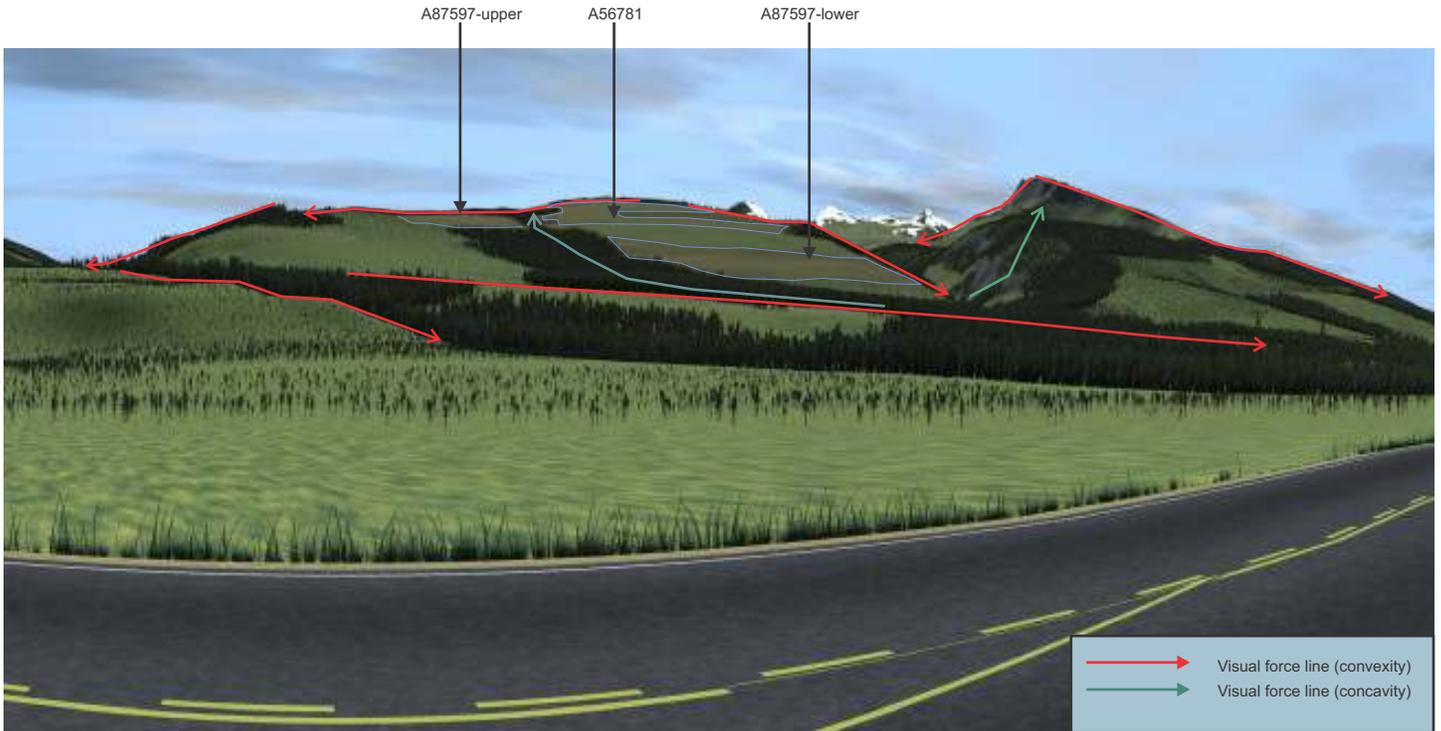
Date Completed: March 22, 2012



See next page for analysis

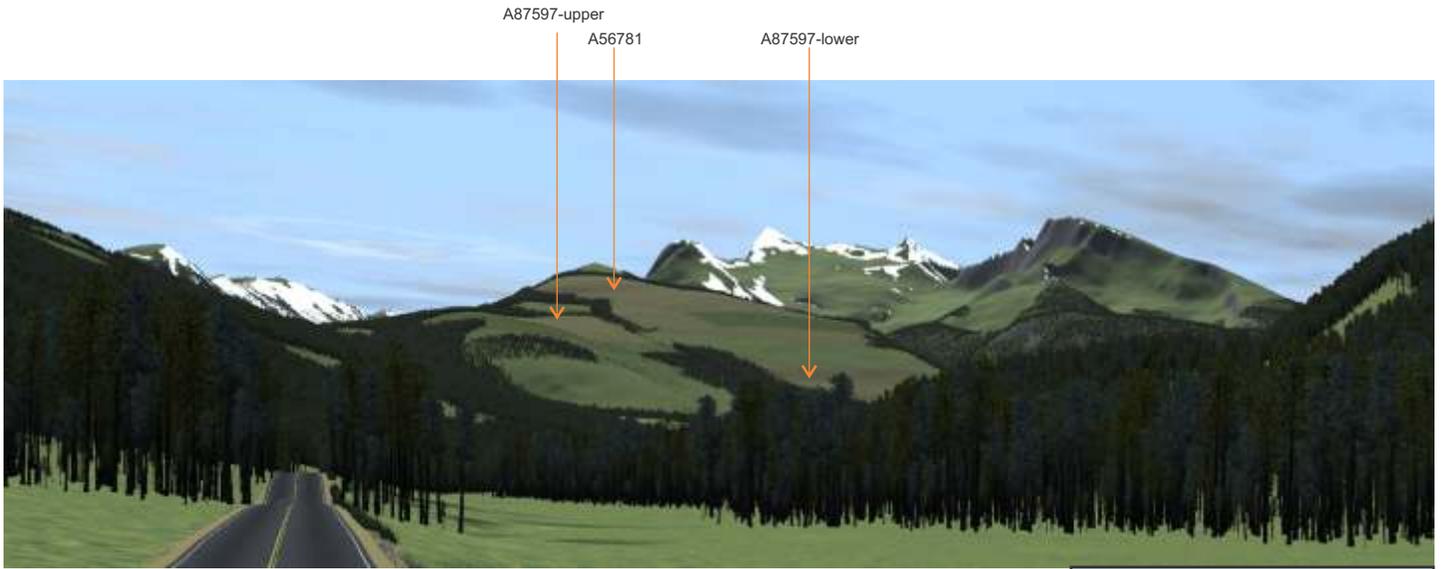


Viewpoint 1730

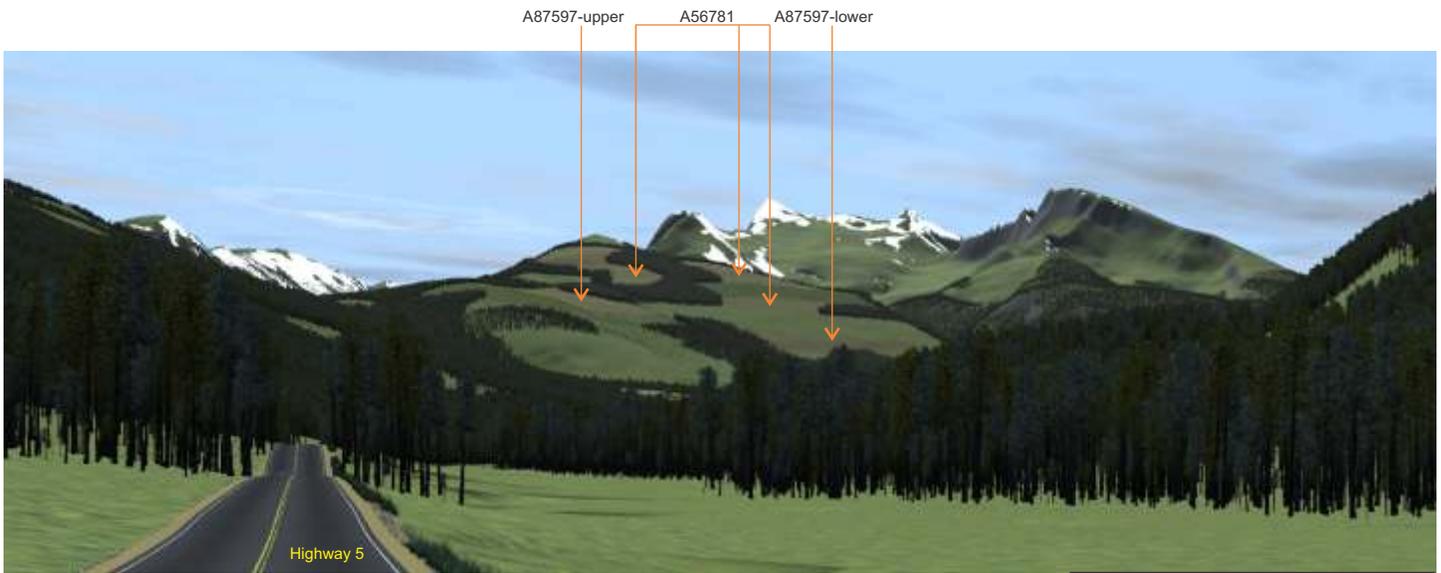


Percent Alteration Area 1 from VP 1734	
Label	Area (units ²)
VSU 9L	104916.14
VSU9R	96092.32
A87597-upper	2729.86
A56781	15111.62
A87597-lower	6321.71
A56781-1-kf	3485.21
A56781-2-kf	1899.64
A56781-3-kf	2203.06
A87597-lower-kf	3954.58
A87597-upper-kf	2045.52
VSU 9 Sum	201008.46
Proposed (units 2) and percent of VSU	24163.19 12.02%
RDI amendment suggestion (kf) (units 2) and percent of VSU	13588.00 6.76%

Viewpoint 1730



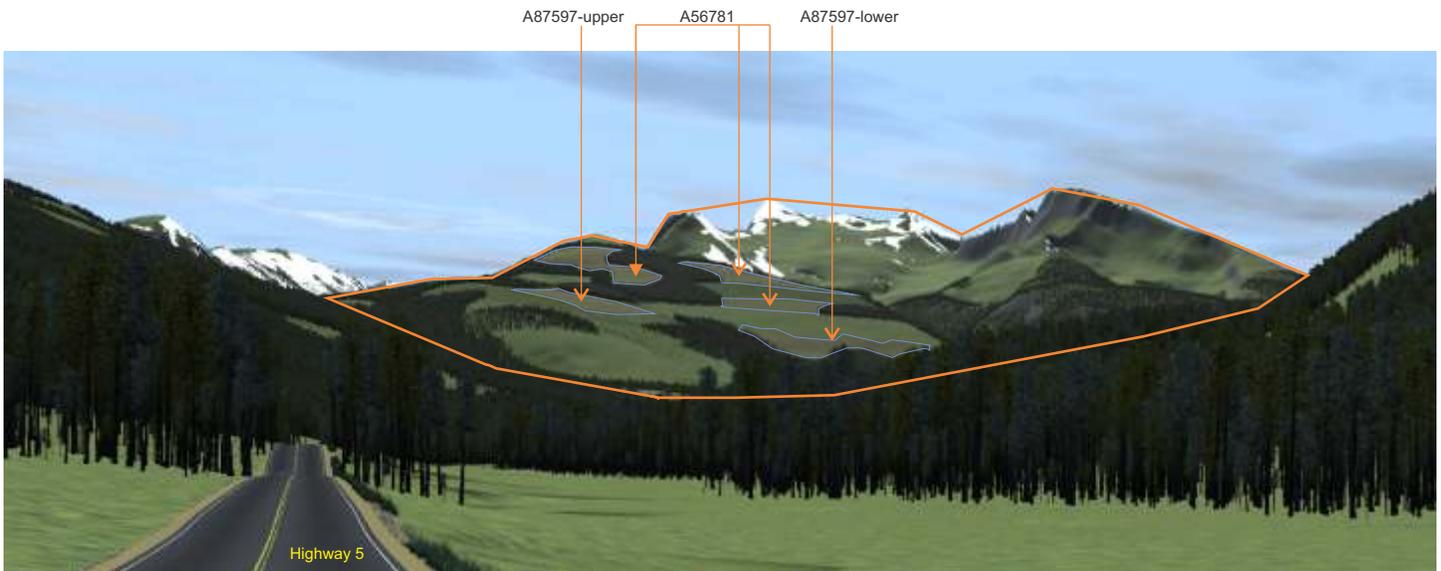
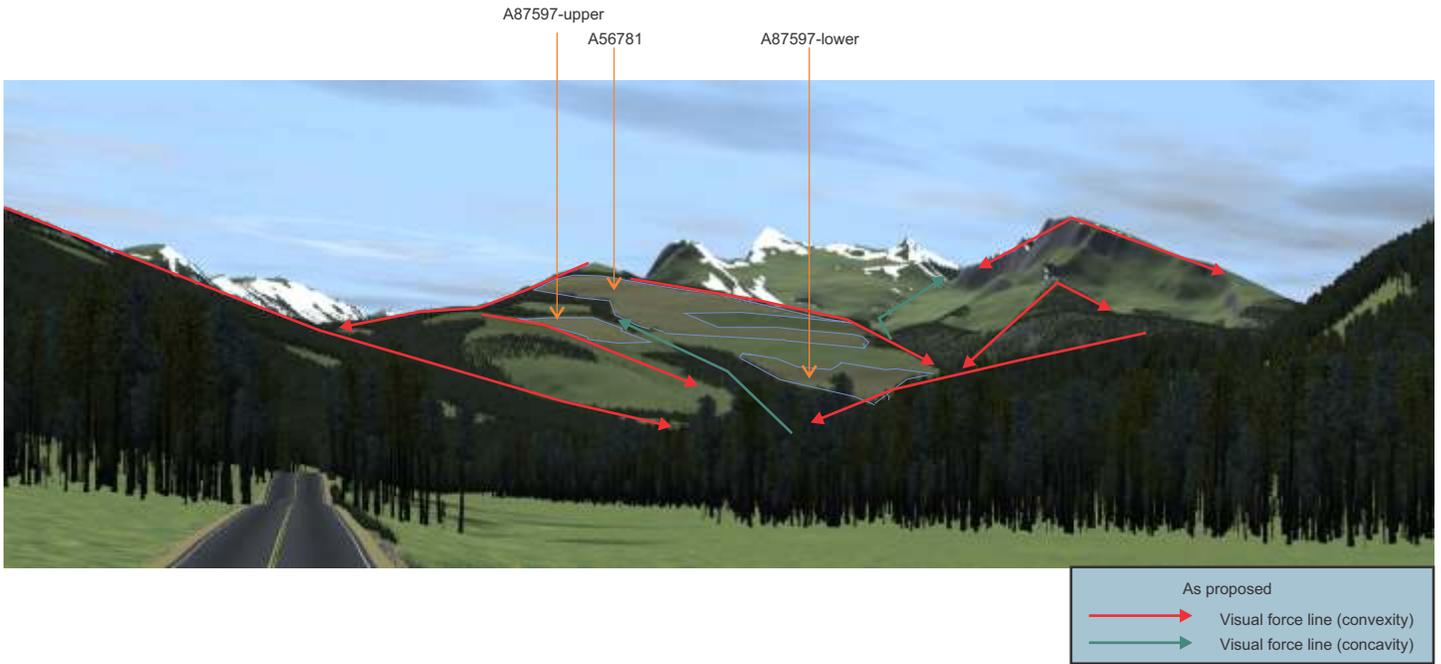
As proposed



RDI Amendment

See next page for analysis

Viewpoint 1734



Percent Alteration Area 1 from VP 1734		
Label	Area (units2)	
VSU 9L	104916.14	
VSU9R	96092.32	
A87597-upper	2729.86	
A56781	15111.62	
A87597-lower	6321.71	
A56781-1-kf	3485.21	
A56781-2-kf	1899.64	
A56781-3-kf	2203.06	
A87597-lower -kf	3954.58	
A87597-upper -kf	2045.52	
VSU 9 Sum	201008.46	
Proposed (units 2) and percent of VSU	24163.19	12.02%
RDI amendment suggestion (kf) (units 2) and percent of VSU	13588.00	6.76%

Viewpoint 1734

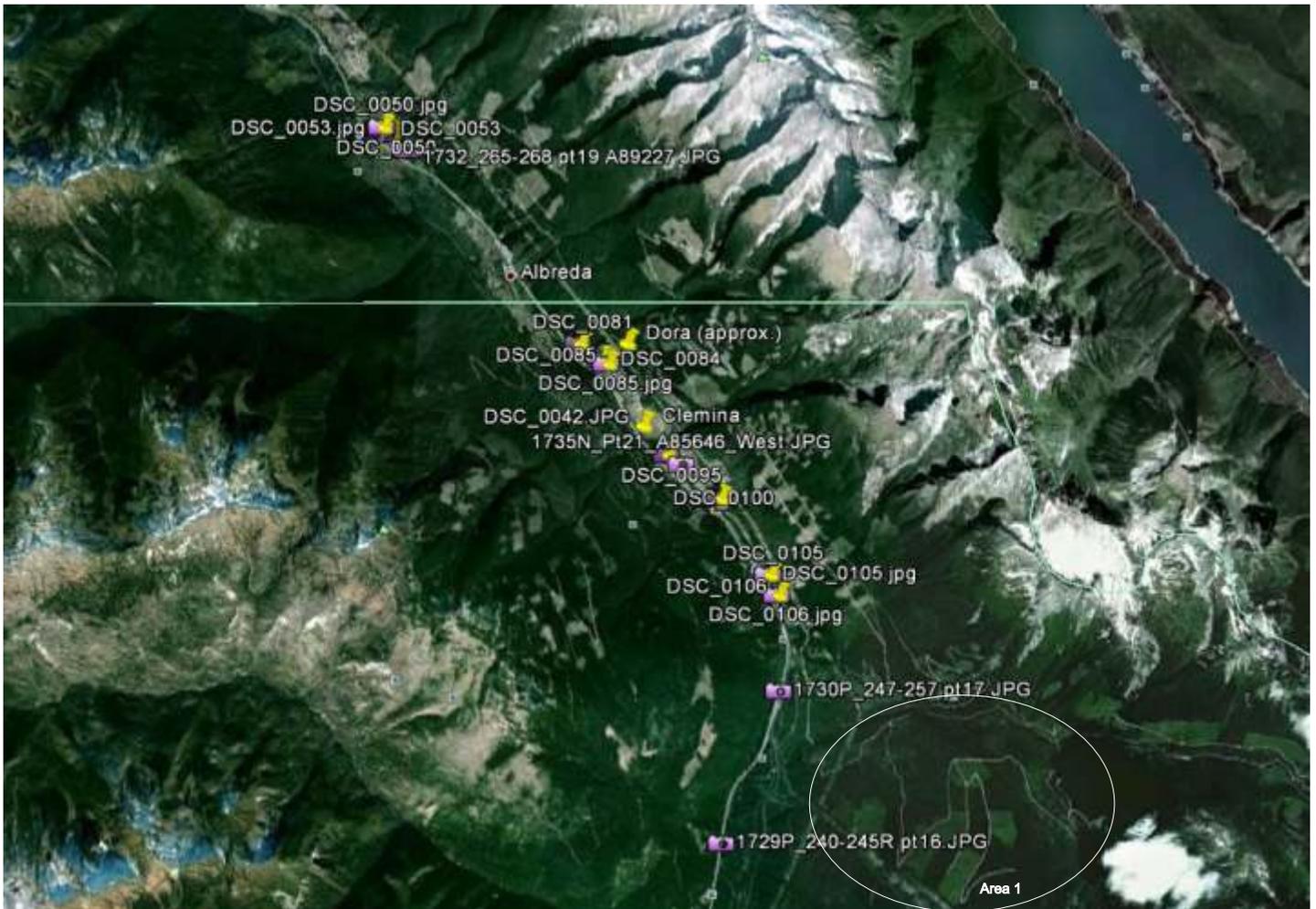


Additional viewpoint images - no analysis

Viewpoint 1733



Viewpoint 1731



Google Earth map of photo kmz looking at Area 1 from north along highway (see photos next page)

Google Earth Map



0050



0053



0057



0070



0073



0081



0084



0085



0095



0100



0105



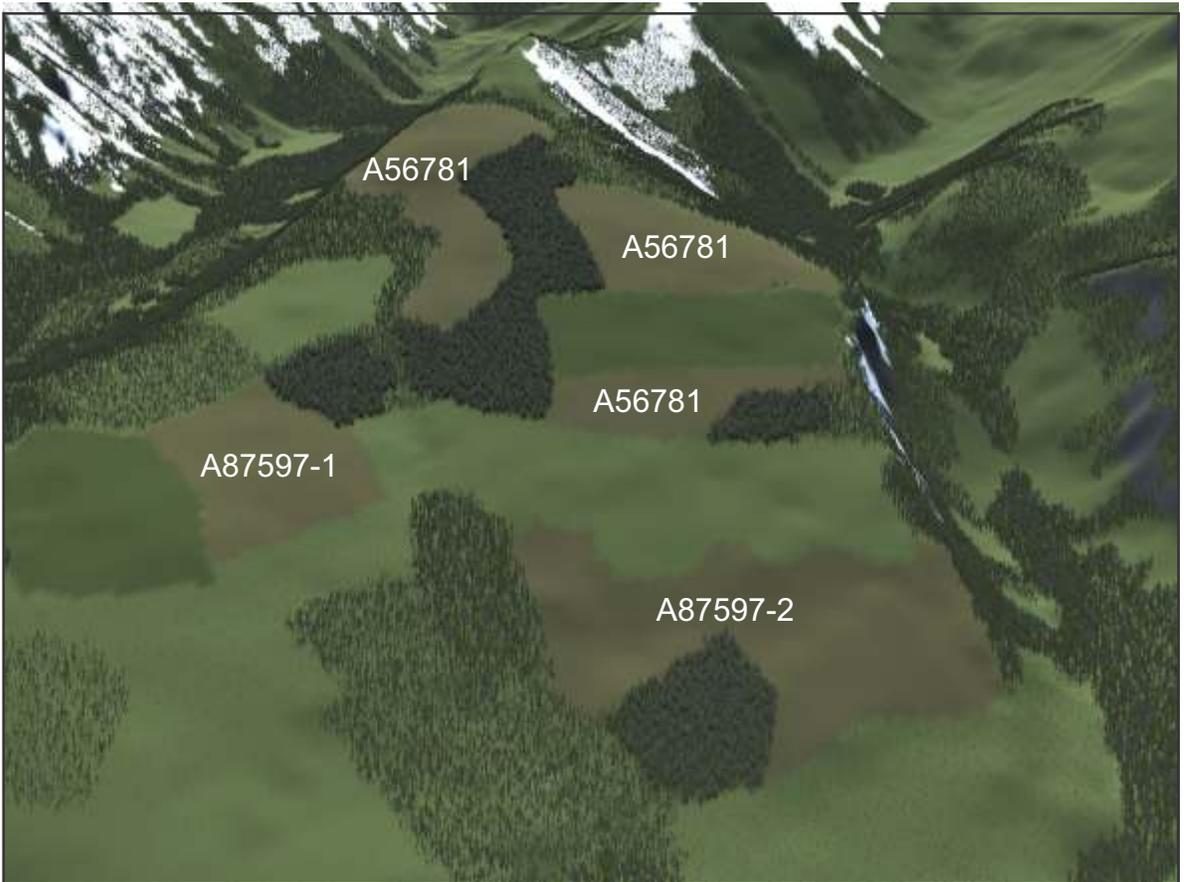
0106

Photos by RDI July 2, 2011

Photos

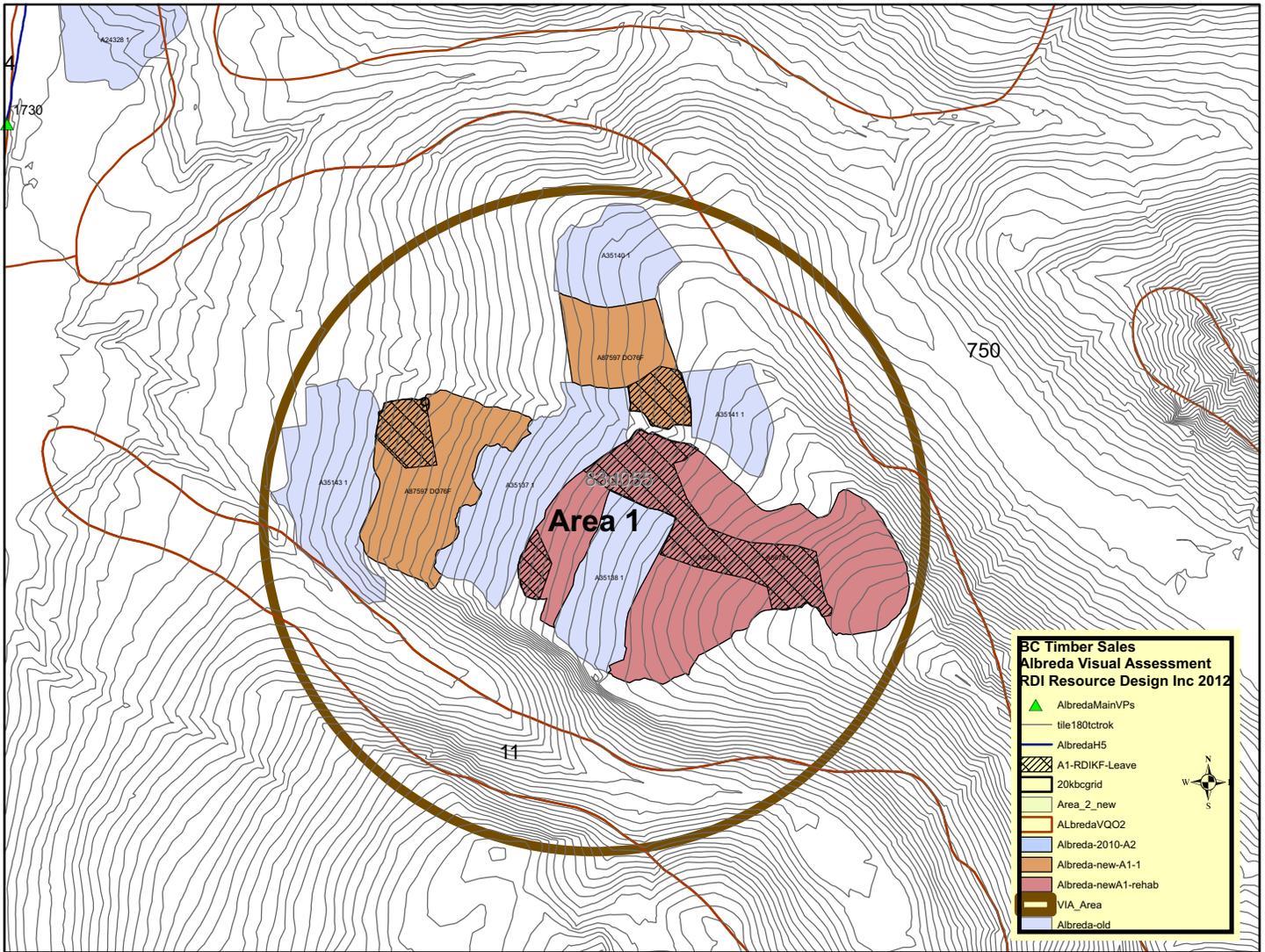


BCTS Initial Proposal



RDI Amendment Suggestion

VNS Model Validation - A1



Area 1 Map - Close