

Clemina South-East Group VIA

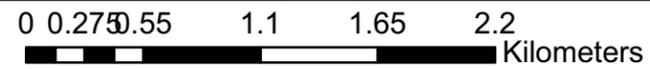
Legend

-  A87597_BB
-  A87597_WTRAS
-  VRlunder5
-  P-line
-  Area
-  Blocks_for_RDI_2013July23
-  Clemina_Viewpoints
- CleminaVQO**
- EVQO_CD**
- 
-  M
-  PR
-  Roads_for_RDI_July_23_2013
-  CM7R0
-  Clemina_A91882_Block_Shapefile
-  20kbcgrid
-  RDI_trim_transportation2
-  Albreda-old



RDI Resource Design Inc
April 15 Amendment

See separate VIAs for the other two groups



BCTS Clemina South-East Group Visual Assessment
A87597 (AL7VP, D076F, AL7VR, AL7VQ, AL7VN), CM7RK, CM7RH
RDI Resource Design Inc 2014

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Visual Impact Assessment Summary Table

District: Clearwater Licensee: BC Timber Sales

Licence Number: A87597; various CP# & BLK #, or RP#: D076F AL7VP AL7VR AL7VN AL7VQ CM7RK CM7RH

Map Reference #: 83d055 Proposed year of Harvest: 2014 Proposed Silv System: CC with leave

Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.): VISUAL LANDSCAPE INVENTORY LABEL (old) VISUAL LANDSCAPE INVENTORY LABEL

VLU#: 1143 VSR: 2 VAC: M EVC: MM EVQO: PR

DOES EVC EXCEED THE ESTABLISHED VQO? Yes* No

*EVC needs updating from last inventory - achieving PR with regrowth

VIEWPOINTS & VIEWING CONDITIONS

Viewpoint	Longitude	Latitude
1730	119.09791	52.57589
1734	119.12118	52.60860
281/1730.1	119.09610	52.58619
1730.2	119.10125	52.59421
1730.4	119.11180	52.60344
1730.3	119.10781	52.60030

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? **No** (see FPPR definition below).

"Partial retention" 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 (FPPR S 1.1).

The blocks are dominant and angular, leaving the small landform on which they are located closer to Modification or Maximum Modification verbal definition. The larger right portion of the VSU (VSU 1143B) is distinct from the left portion, offering little visual offset from the influence of the blocks.

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
(all are transitory highway views, focal travelling south)

ASSESSING VISUAL DESIGN

Do the proposed alteration(s) exhibit elements of good visual design? YES and NO

Do the proposed alterations respond to the lines of force analysis? YES and NO

If No why? Blocks are wide on the landform, angular. Tying in with past harvesting has largely led to the plan with the objective of visual rehabilitation.

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.) Irregular boundaries following with lines of force; groupings of openings form a broad array of pattern. Overall result will be focal down the highway, tending to mitigate longterm impacts following initial exposure.

Are there existing human made alterations visible in the unit showing no or poor design? NO YES Though recovering, past harvesting has left a residual horizontal pattern traversing the landform (VSU 1143A). The plan aims to mitigate the longterm pattern.

ASSESSING SCALE OF ALTERATION - Original Plan

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

Viewpoints
1730; 1730.4

Percent alteration was calculated for each of the closest and furthest key viewpoints along the highway.

Percent Alteration VSU 1143A from VP 1730		
NAME	Area2	
VSU 1143A	7060026.22	
AL7VN	3184.84	0.05%
AL7VQ	17567.93	0.25%
AL7VR	42540.26	0.60%
AL7VP	46333.13	0.66%
D076F	324271.73	4.59%
CM7RK	17885.14	0.25%
Sum and Total Percent Alteration	451783.02	6.40%

Percent Alteration VP1730.4		
NAME	Area2	% Alt.
VSU1143A	3485814.17	
AL7VP	64360.54	1.85%
AL7VN	37134.18	1.07%
AL7VQ	41378.37	1.19%
AL7VR	59032.33	1.69%
D076F	260999.31	7.49%
CM7RK	19736.93	0.57%
CM7RH	4572.14	0.13%
Sum	487213.80	13.98%

Viewpoint 1730, closest to the landform (3km to centre) meets the VQO; Viewpoint 1730.4, second furthest from the landform (6km to centre) fails to meet the VQO (double the limit). As the objective is visual rehabilitation with the VQO exceeded from some viewpoints, the proposal will need to be communicated to, and approved, by the Ministry of Forests. Provided the rehabilitation concept is endorsed by the Ministry of Forests, RDI supports the rehabilitation objective and considers the plan to have acceptable impact in the short term and will support quick recovery in the long term to meet the VQO from all viewpoints. Green-up in the lower blocks is reaching 2.5m to 3m at the present time.

FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the proposed alteration within 1 kilometre 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 both

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.)
N/A

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: EVC in VSU 1225 is reaching PR, though inventory shows it as MM

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: April 15, 2014

VSU 1142 (West Group)

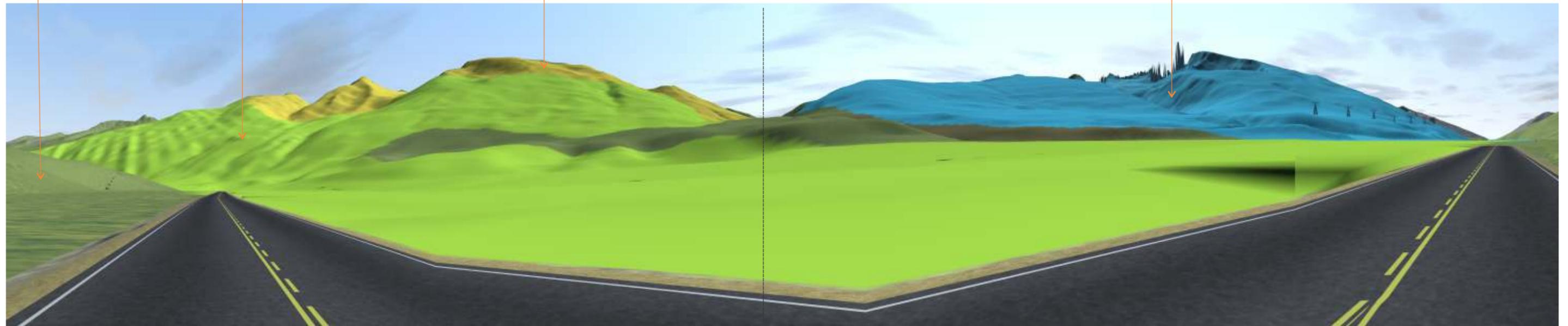
VSU 1225

VSU 1225 (North-east Group)

VSU 763

VSU 1143 (South-east Group)

VSU 1143



1730 North View

1730 South View

Viewpoint 1730 VQO Units

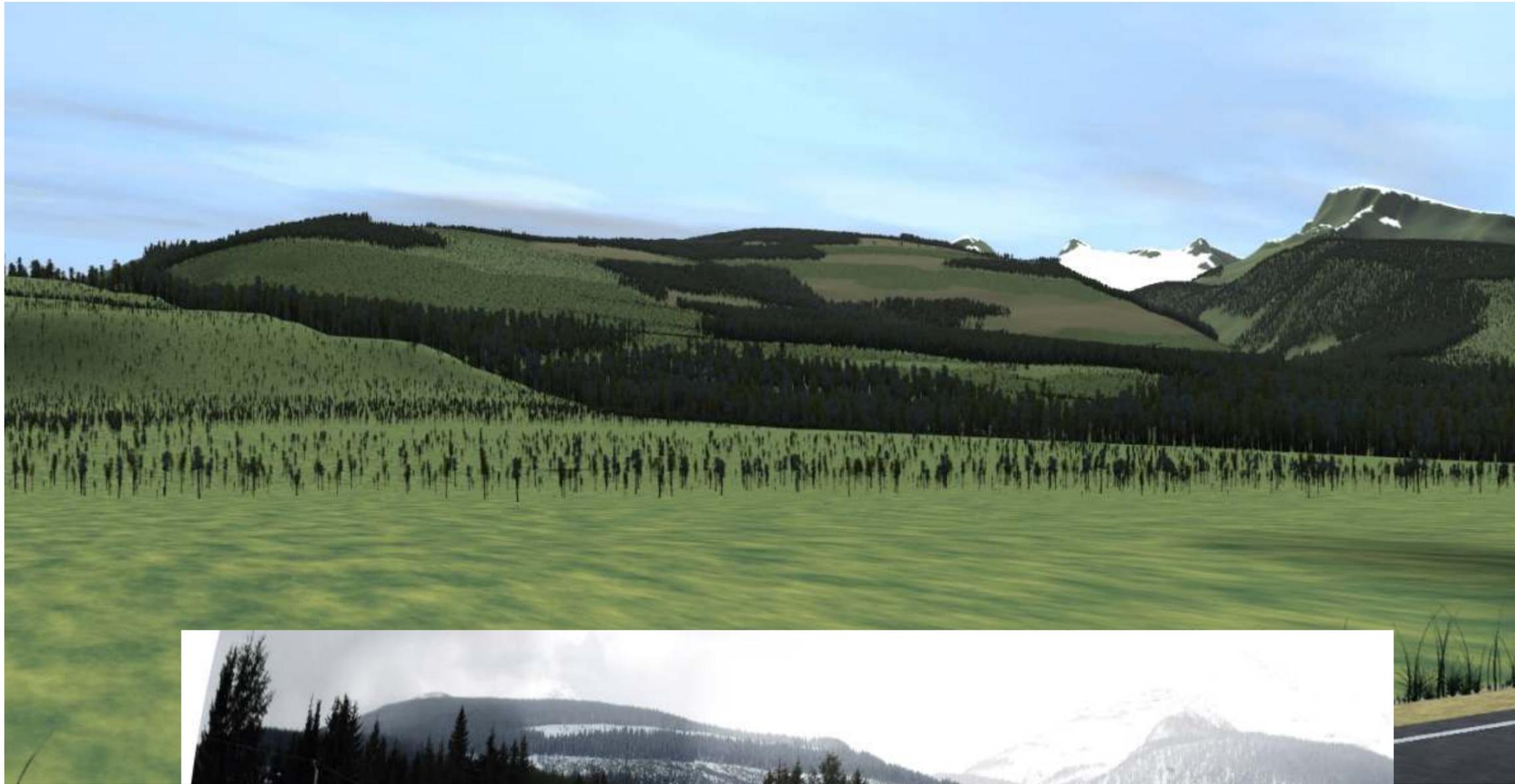
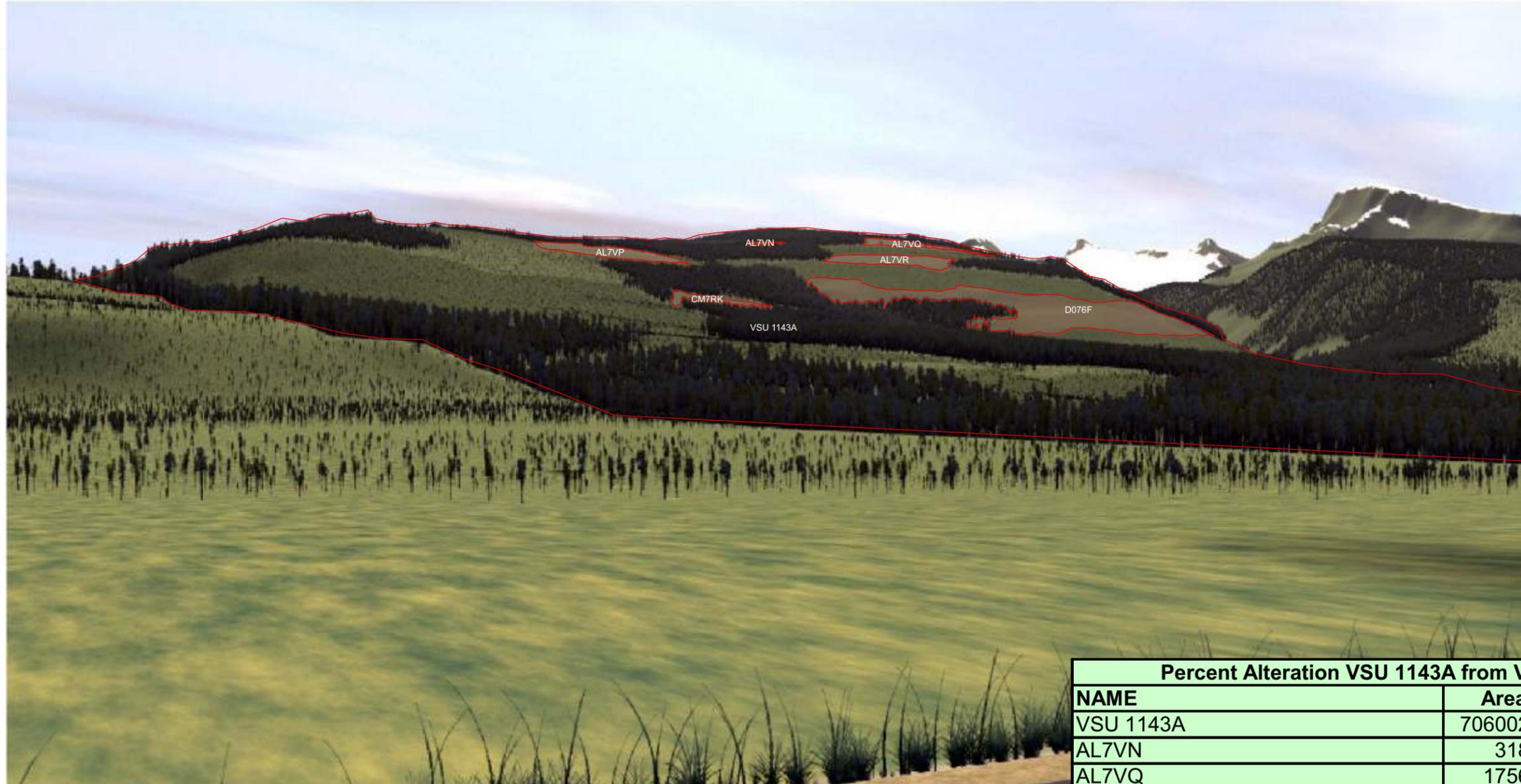


Photo from 1730.1 by BCTS

Viewpoint 1730 Revised



Percent Alteration VSU 1143A from VP 1730		
NAME	Area2	
VSU 1143A	7060026.22	
AL7VN	3184.84	0.05%
AL7VQ	17567.93	0.25%
AL7VR	42540.26	0.60%
AL7VP	46333.13	0.66%
D076F	324271.73	4.59%
CM7RK	17885.14	0.25%
Sum and Total Percent Alteration	451783.02	6.40%

Viewpoint 1730 Revised

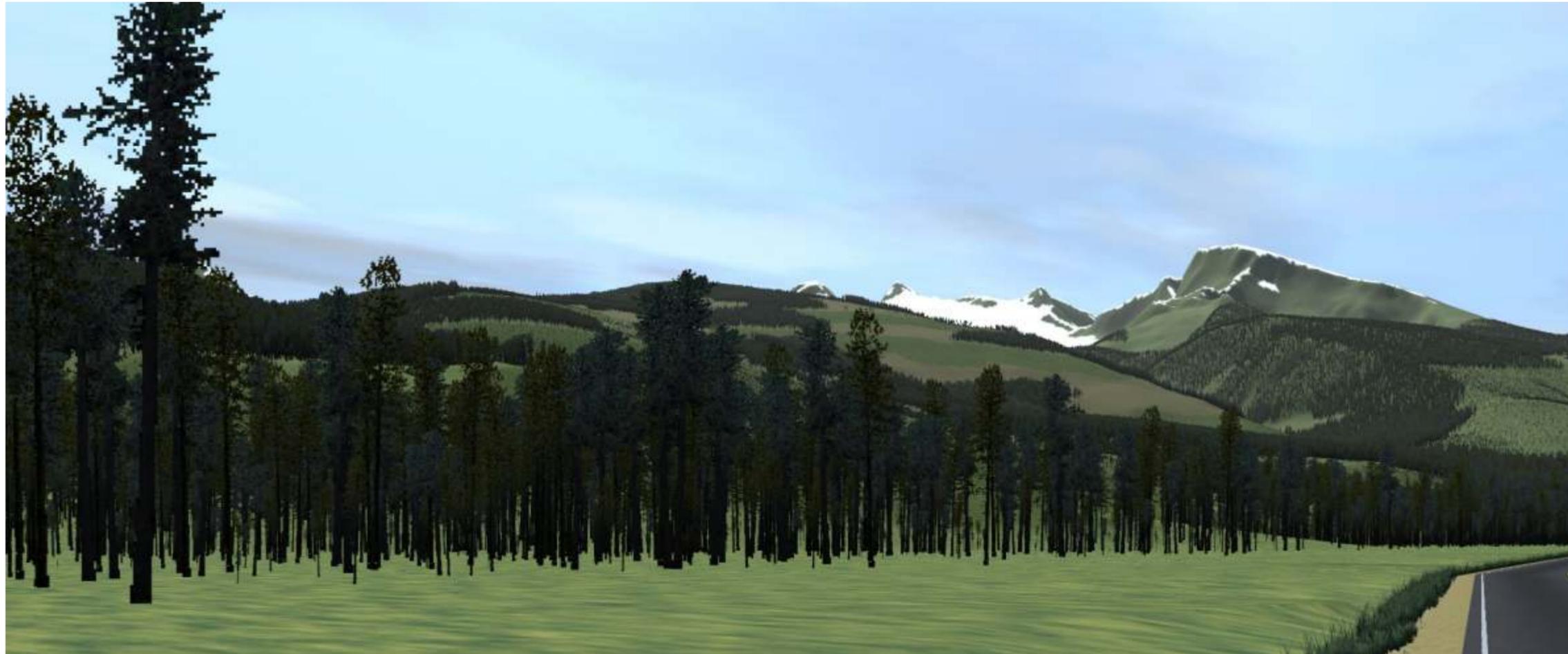


Photo from 1730.1 by BCTS

1730.1 Revised

A87597 in VSU 1143 (South-east Group)

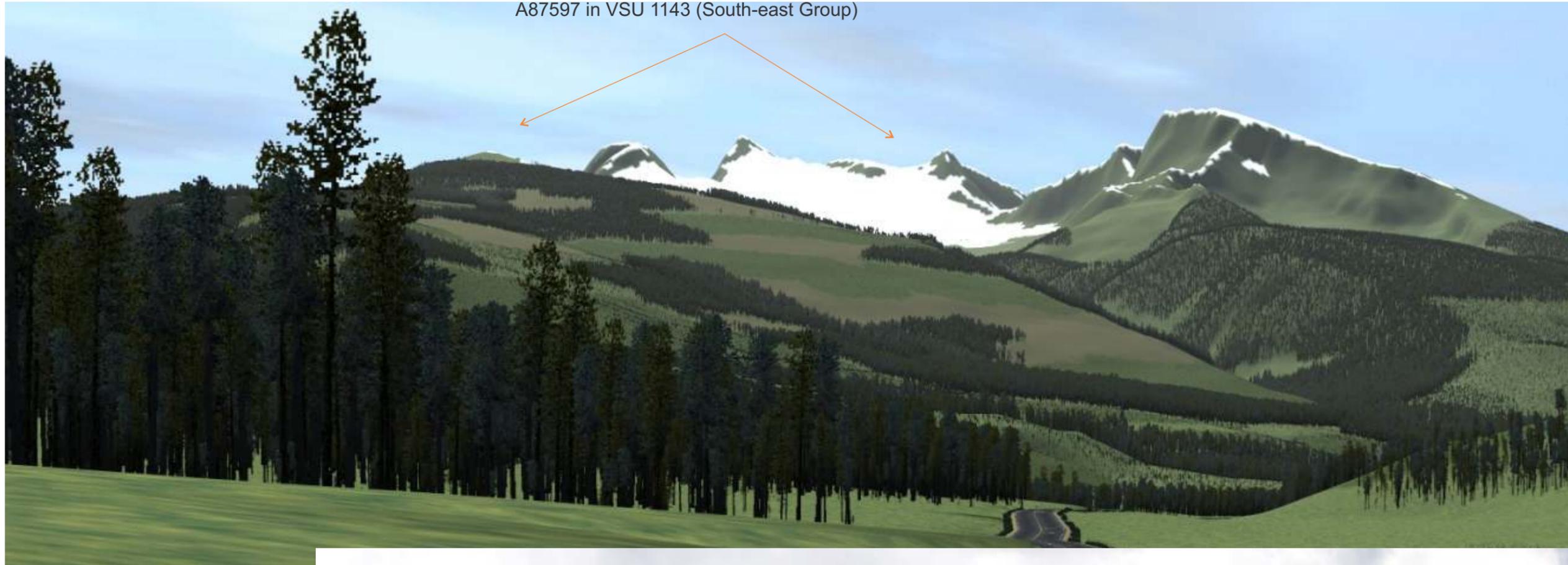
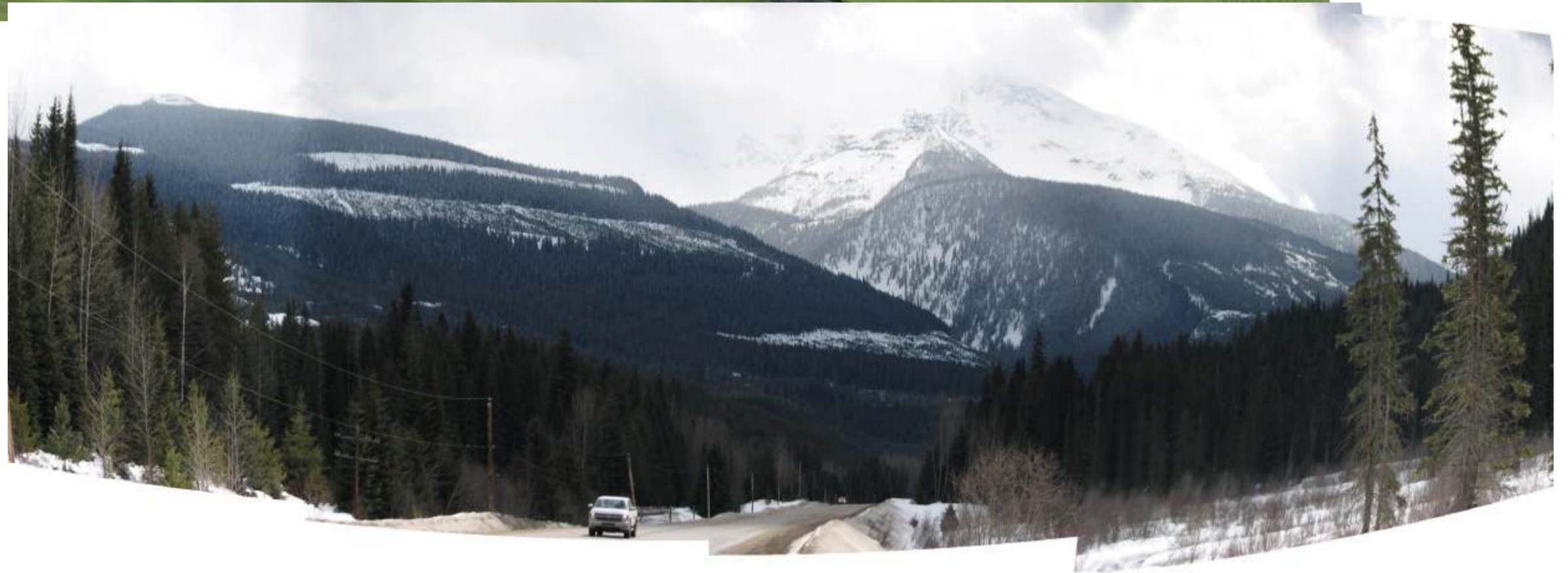


Photo by BCTS



1730.2 Revised

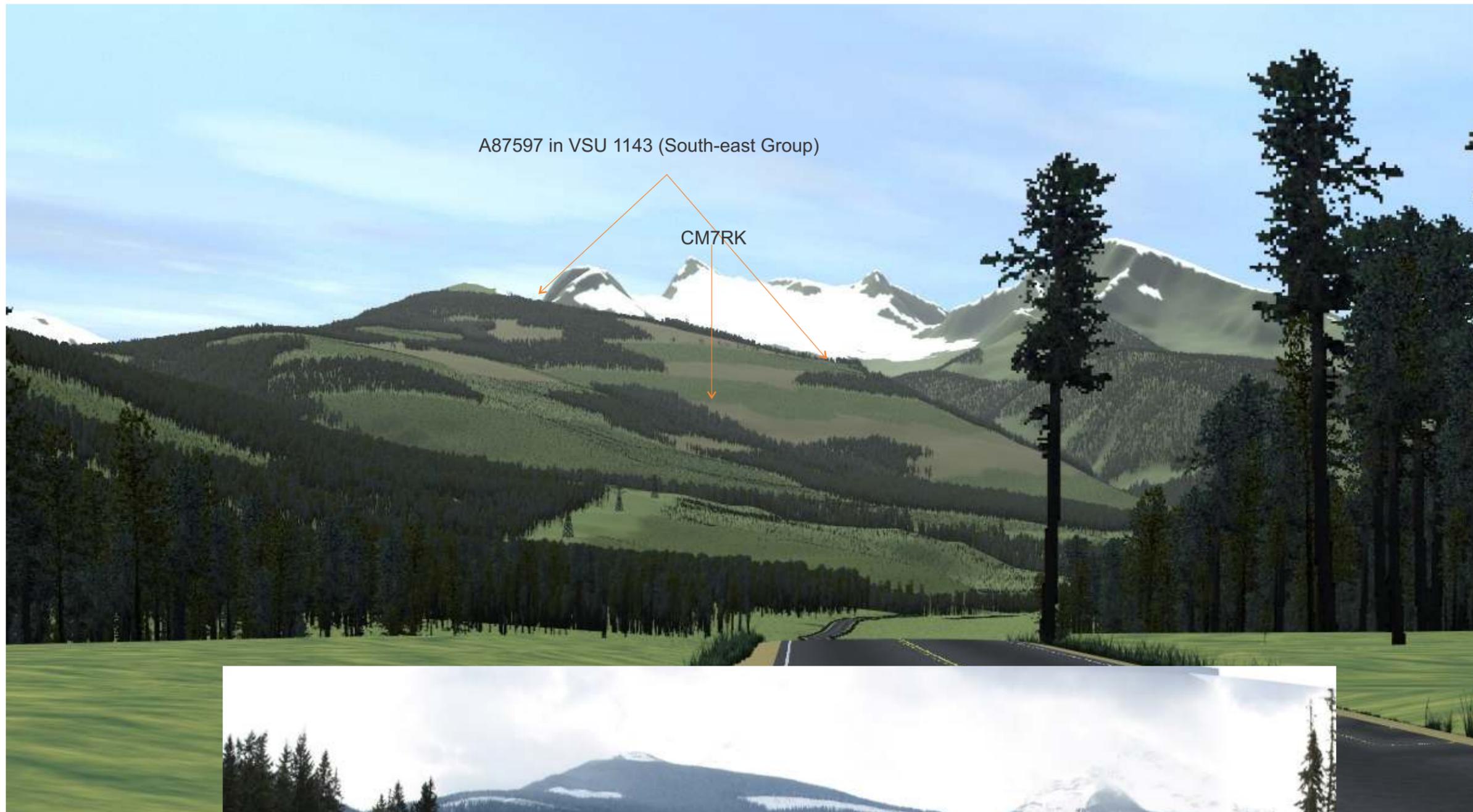
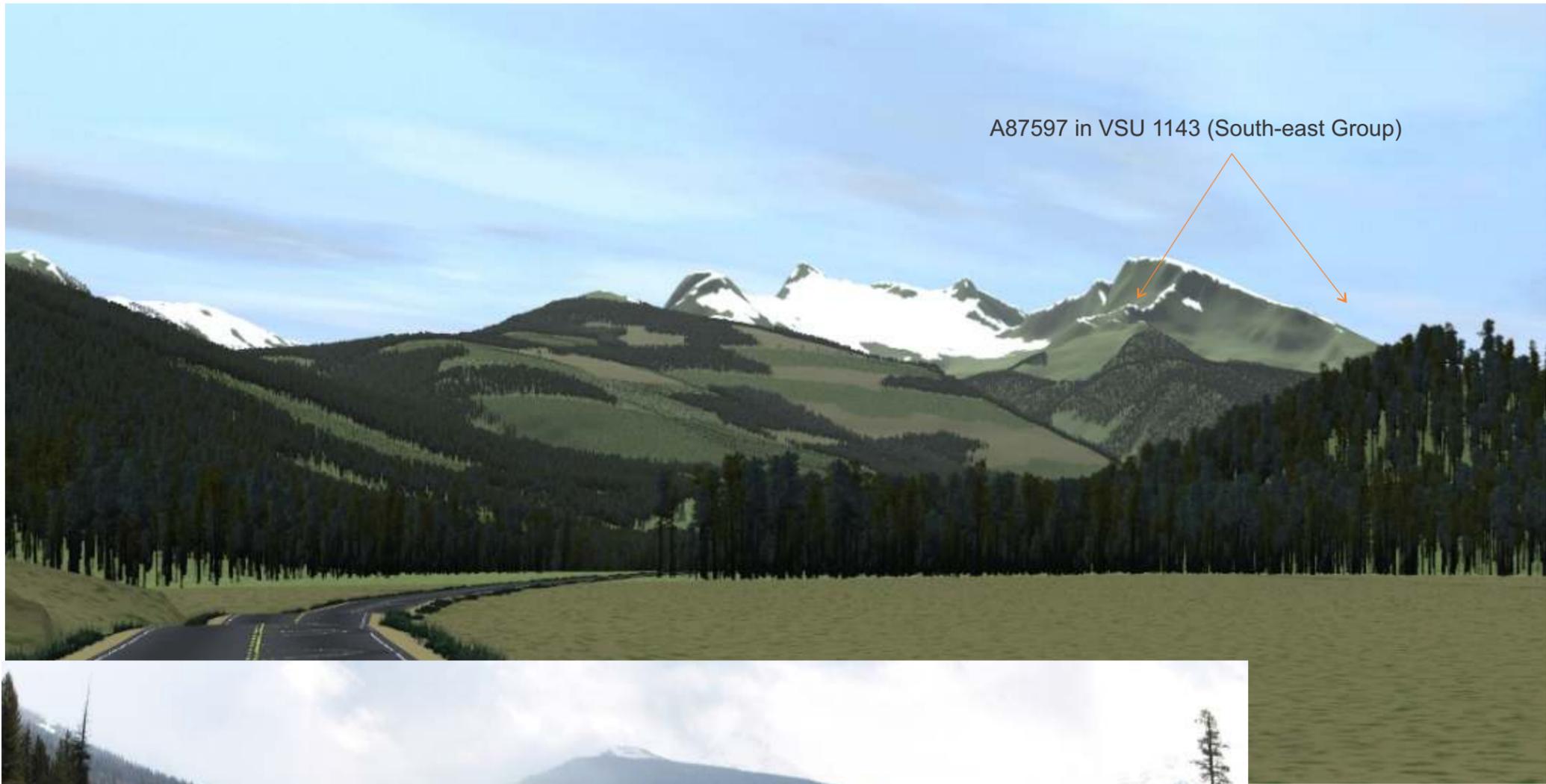


Photo by BCTS

1730.3 Revised



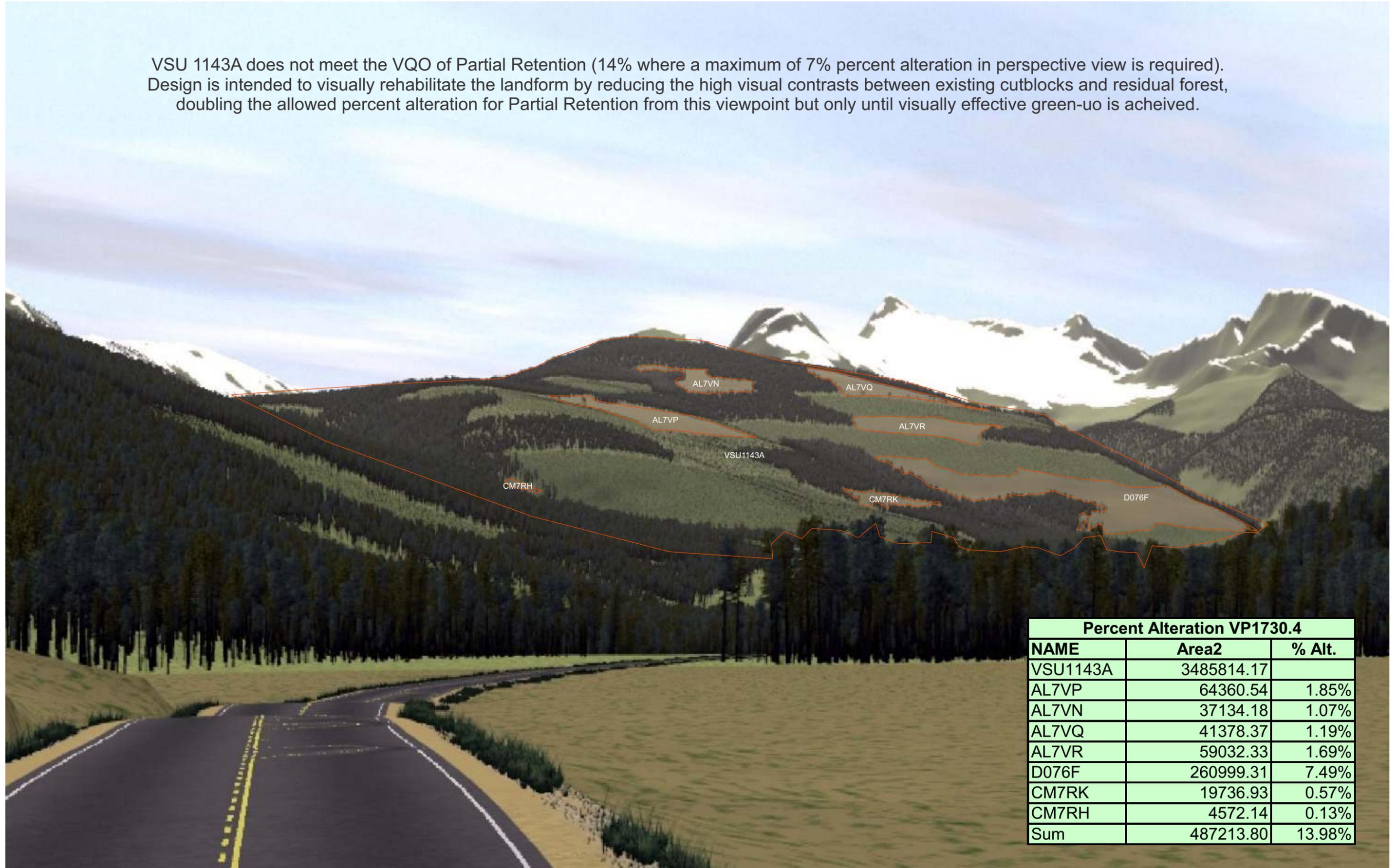
A87597 in VSU 1143 (South-east Group)



Photo by BCTS

1730.4 Revised

VSU 1143A does not meet the VQO of Partial Retention (14% where a maximum of 7% percent alteration in perspective view is required). Design is intended to visually rehabilitate the landform by reducing the high visual contrasts between existing cutblocks and residual forest, doubling the allowed percent alteration for Partial Retention from this viewpoint but only until visually effective green-up is achieved.



1730.4 Revised Percent Alteration



Photo by BCTS

1734 South Revised