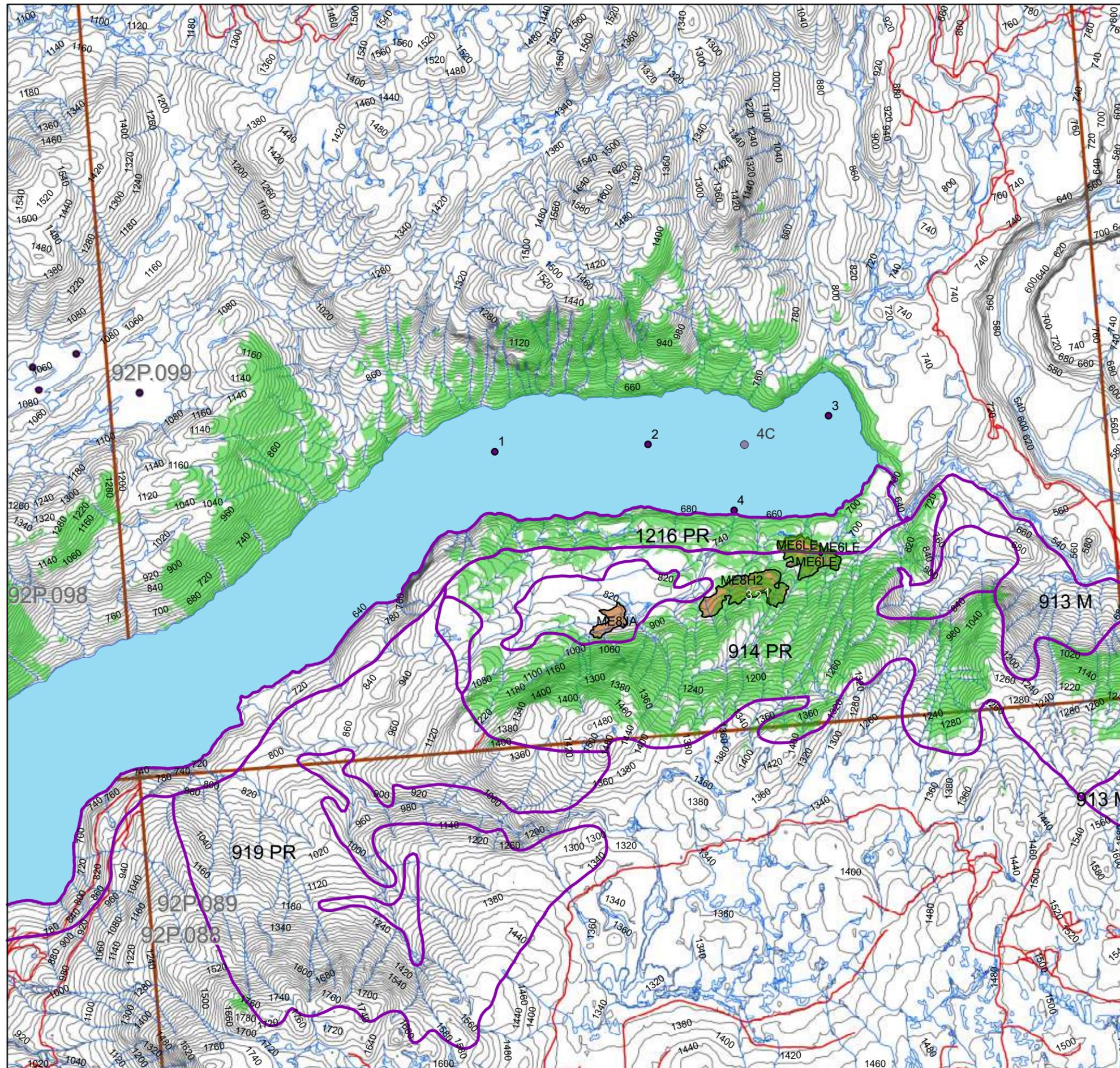
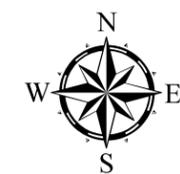


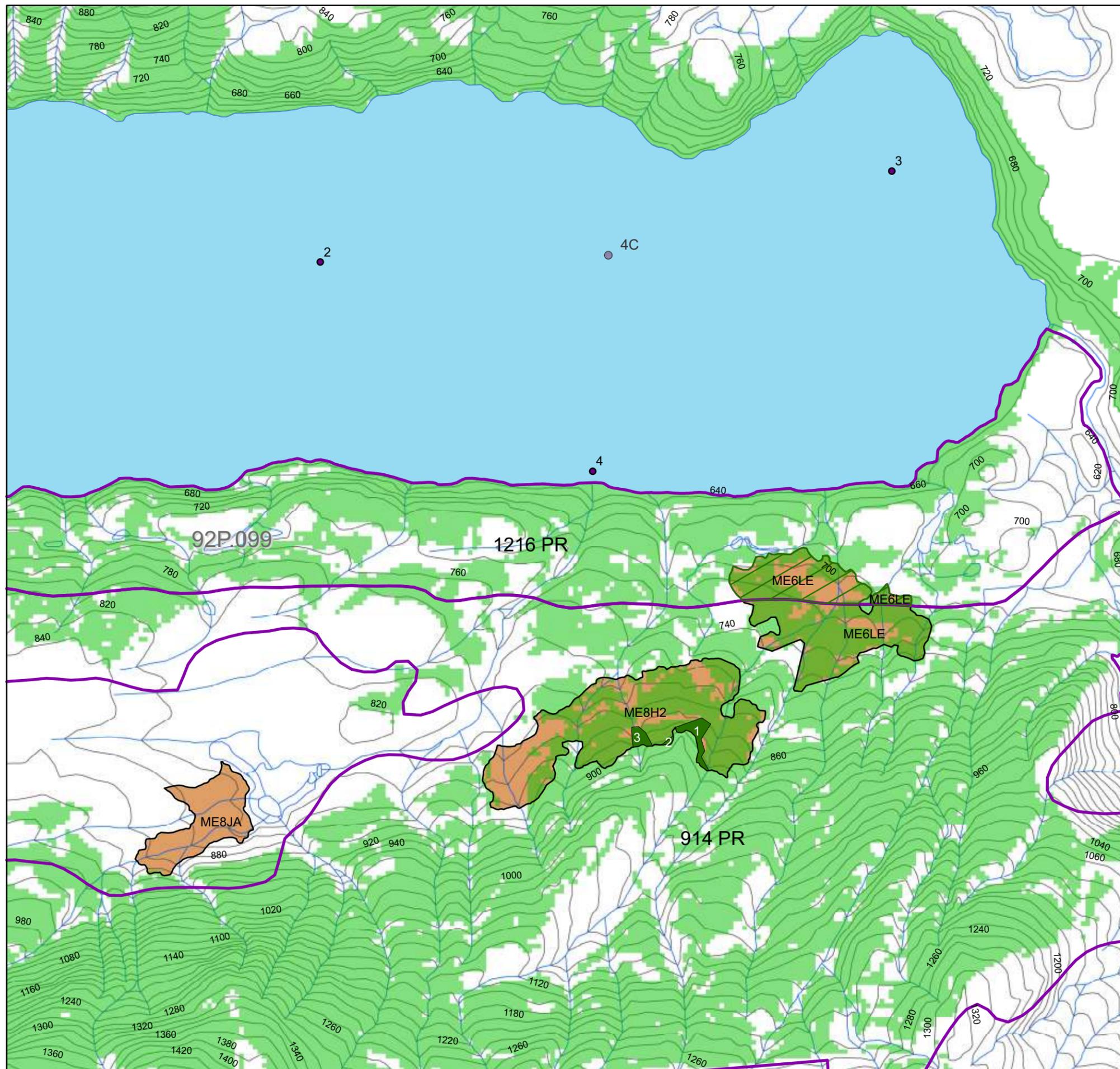
**BC Timber Sales  
 Mahood Lake FL A93195  
 ME6LE, ME8H2, ME8JA  
 Visual Assessment  
 RDI Resource Design Inc  
 March 2016**



-  A93195-2016
-  Mahood\_RDI\_Leave (Suggestion)
-  ME6LE-R (Dispersed Retention @ 90TPH) (Suggestion)
-  Mahood\_Viewpoints
-  Mahood\_Lake
-  Not Visible
-  Visible
-  TRIM\_Transportation
-  Contours
-  MahoodVQO



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 Mahood Lake FL A93195  
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## Contents

1	Key Map
2	Key Map Close
3	Contents
4	Via Summary Table
5	Mahood VP3 Simulation
6	Mahood VP3 Percent Alteration
7	Mahood VP3 Visual Force
8	Mahood VP4C Simulation
9	Mahood VP2 Simulation
10	Mahood VP2 Visual Force
11	Mahood VP1 Simulation

# Visual Impact Assessment Summary Table

District: Headwaters Licensee: BCTS Kamloops Business Area

Licence	Block	Mapsheet	Landform/VSU	VSU/VQO	Most Restrictive VQO applied to Landform
A93195	MEGLE ME8H2 ME8JA	93A017	914, 1216	914, 1216 - PR	PR

Proposed year of Harvest:  Proposed Silv System:

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

Cutblock

VSU#: 914, 1216 – Partial Retention

VISUAL LANDSCAPE INVENTORY LABEL  
#EVC/VAC/VSC/EVQO  
914/R/M/2/PR  
1216/R/M/2/PR  
DOES EVC EXCEED THE ESTABLISHED VQO?  
No

## VIEWPOINTS & VIEWING CONDITIONS

Number & Name of Viewpoints from which the proposal is visible?  
Indicate Viewpoint Importance. (Major/minor/potential)  
Viewing Distance (Fg 0-1km, Mg 1-8km or Bg 8km+) to visible

	Mahood Lake VP1	Mahood Lake VP2	Mahood Lake VP3	Mahood Lake VP4	Mahood Lake VP4C
Viewpoint Importance	NVS	Major	Major	NVS	Major
Viewing Distance - FO81J	MG –3.9k	MG – 2.5k	MG – 1.9K	MG – 1.0K	MG – 1.8

## ASSESSING BASIC VQO DEFINITION

(not confirmed with on-site visit)

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?

See below

If applicable state reasons why the proposal does not achieve the basic definition.

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

RDI has applied a landform approach to assessment, following the lead of FLNRO's FRPA Visual Quality Effectiveness Evaluation Procedures and Standards (VQEE). RDI identified 3 landforms within VSU 914 situated above the lakeshore polygon VSU 1216, all having the same VQO of Partial Retention. VSU 1216 is considered by RDI to be a separate shoreline landform. Of the 3 cutblocks, ME8JA would remain unseen (NVS). ME6LE spreads across both VSUs within Landforms 2 and 4, and Cutblock ME8H2 would occupy only VSU 914 (Landform #2), the central landform.

The key rating point (best view) is Viewpoint 3 at the north-east end of the lake. Viewpoint2 would experience considerably less exposure. There would be no visibility of the cutblocks from Viewpoint 1. A 4<sup>th</sup> viewpoint was also set by RDI close to the dwelling on the lakeshore. No exposure is predicted from that viewpoint, though exposure would increase further out in the lake from that viewpoint (Viewpoint 4C).

Initial review of the cutblock found that it could slightly exceed the VQO in collective shapes and pattern. RDI added several trial leave patches in ME8H2 to improve visual force. As well, RDI added suggested variable retention of 90sph in the front (north) portion of ME6LE to reduce the scale and angularity of that opening.

## 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? \*This has been asterisked as this VIA assessed both the original plan which

somewhat exceeds the VQO and a scenario by RDI which meets the VQO. The original design would lay broadly horizontally in a pattern across the landform, cutting the dominant visual forces.

By appropriate selection of leave patches and variable retention as suggested by RDI, the visual forces will be strengthened while bringing the block into shape and scale meeting the VQO. The benefits are seen in the Viewpoint 3 simulation, and in the Viewpoint 4C simulation where the RDI leave additions would be even greater benefit to visual force.

Field confirmation of operability considerations is necessary. See Assessing Scale of Alteration for a discussion about scale as influencing the verbal definition of Partial Retention, and the need for or desirability of making the adjustments suggested by RDI.

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 is easy to see and is small to moderate in scale with a design that appears natural in its appearance, and not angular or geometric.

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

Acceptable Range for Partial Retention VQO: 1.5%-7%

## ASSESSING SCALE OF ALTERATION - see viewpoint image sheets for details.

	Landforms 2 and 4 combined	
	BCTS Original	RDI Option 1
Mahood VP3	6.1%	4.0%

## FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the visible portion of proposed alteration within 1 kilometre of the viewing locations? YES  NO  (Viewpoint 4 is NVS)

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

Would the screen hide proposed operations? YES  NO

A substantial screen exists along the valley bottom.

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  not known

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 foreground visible with RDI screen from variable retention in ME6LE

## 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

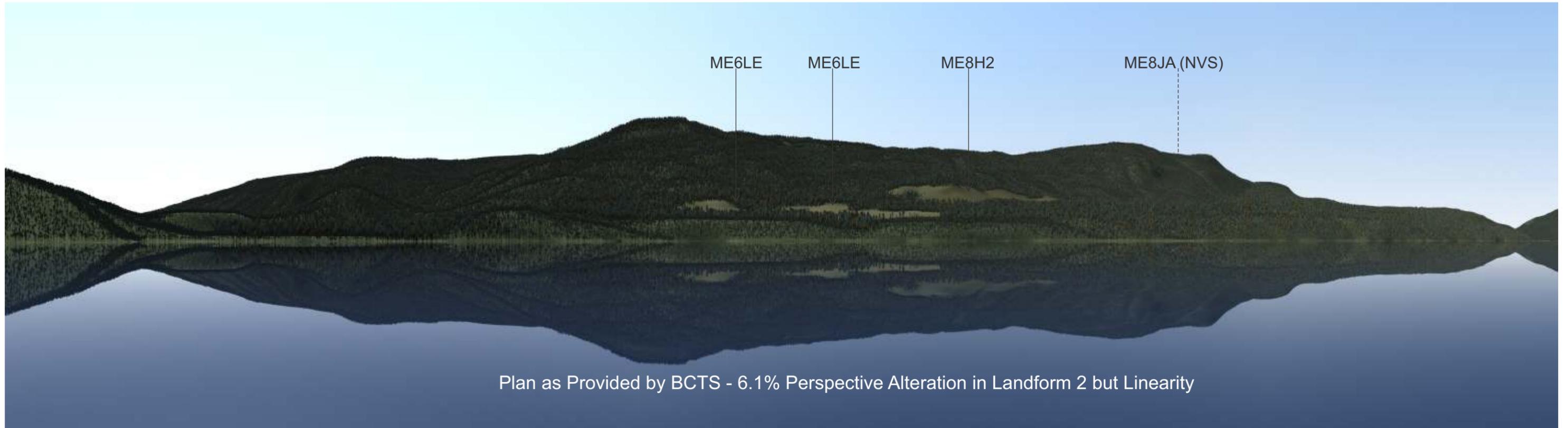
Comments:

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

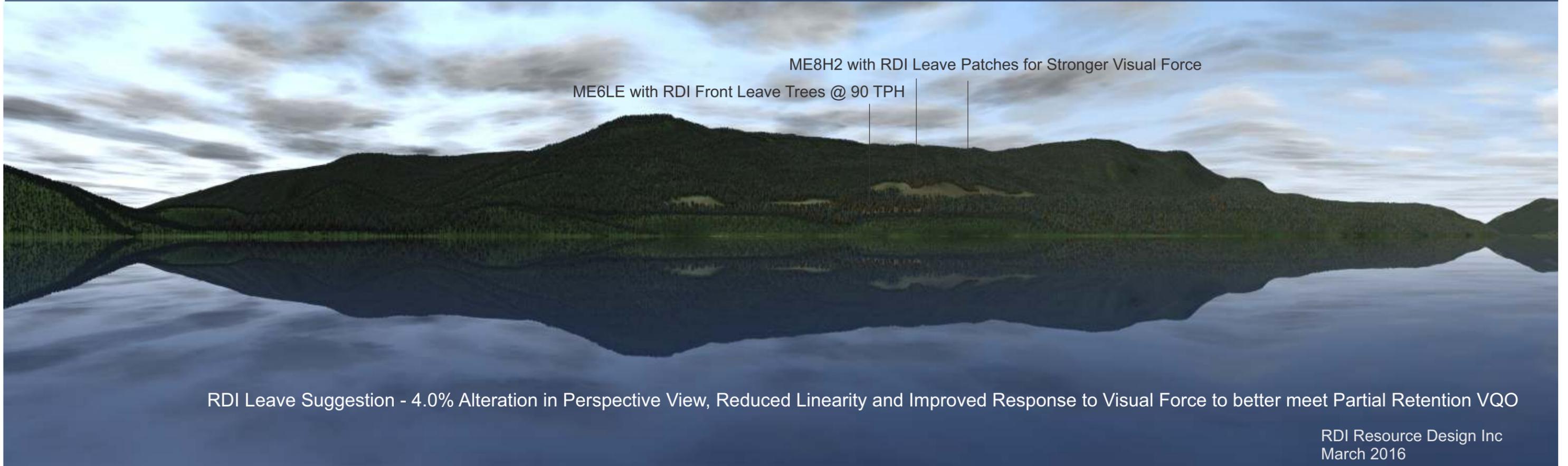
Comments:

Ken B Fairhurst, PhD, RPF  
RDI Resource Design Inc  
March 20, 2016

RDI Resource Design Inc  
March 2016

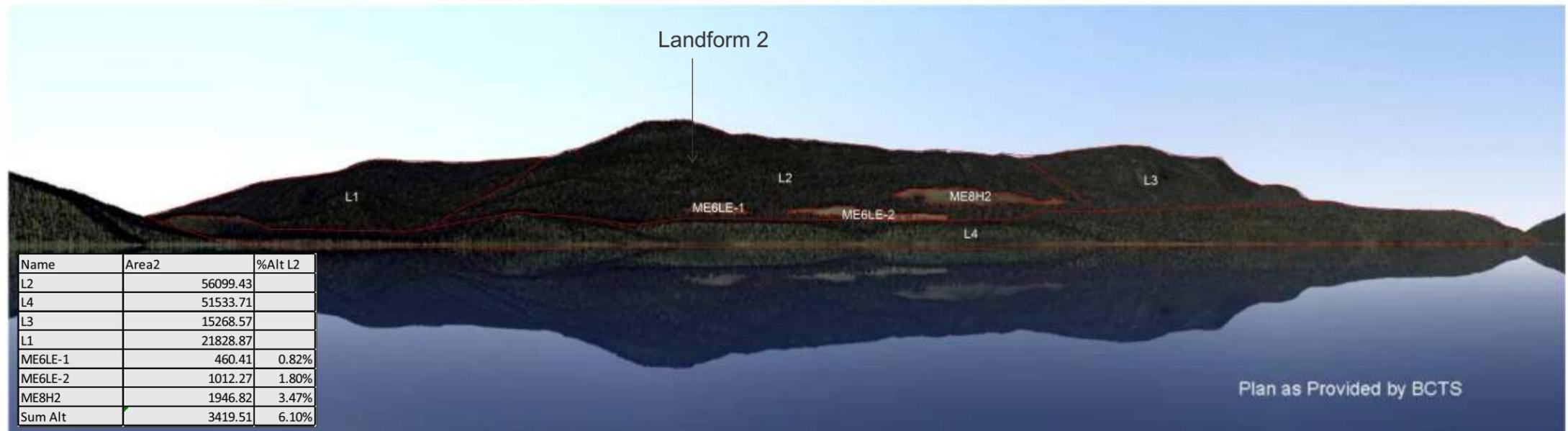


Plan as Provided by BCTS - 6.1% Perspective Alteration in Landform 2 but Linearity

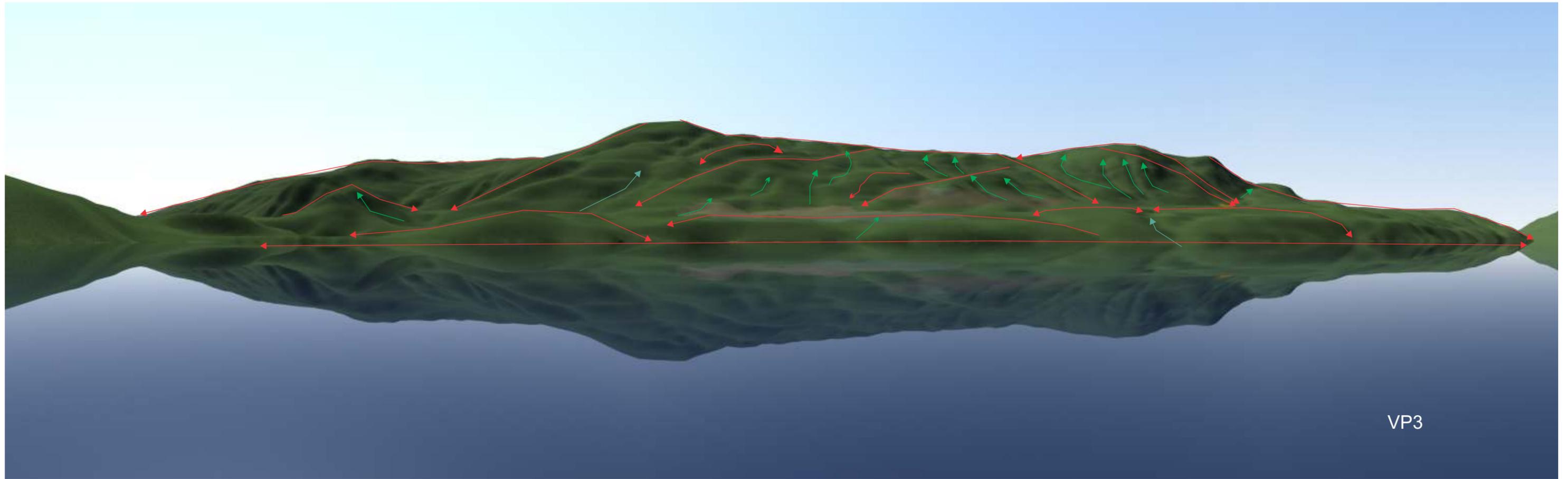


RDI Leaf Suggestion - 4.0% Alteration in Perspective View, Reduced Linearity and Improved Response to Visual Force to better meet Partial Retention VQO

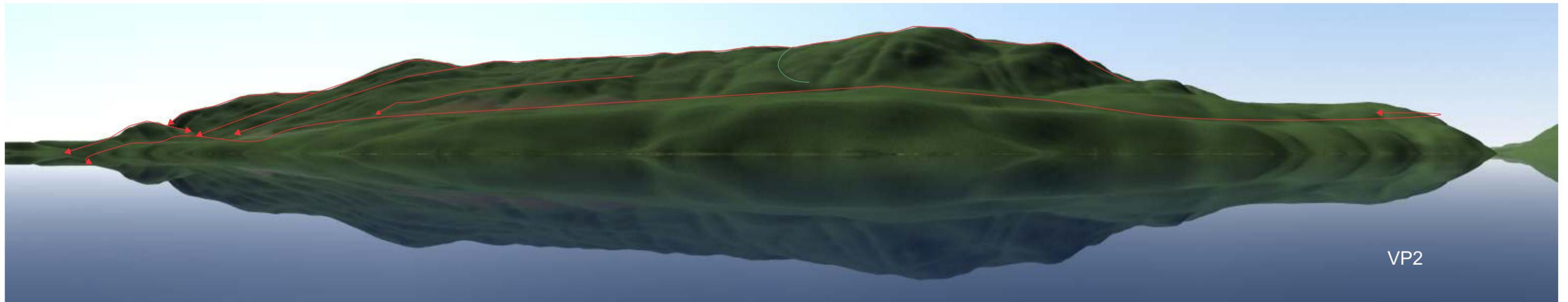
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March 2016



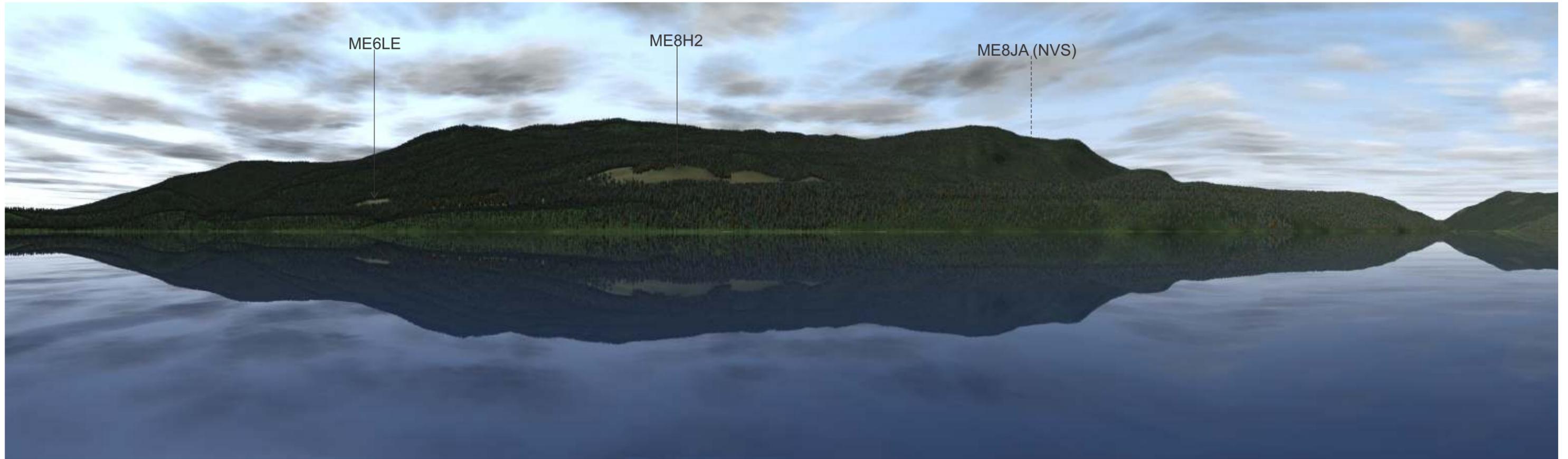
BCTS Mahood Lake Visual Assessment FL A93195 from Viewpoint 3

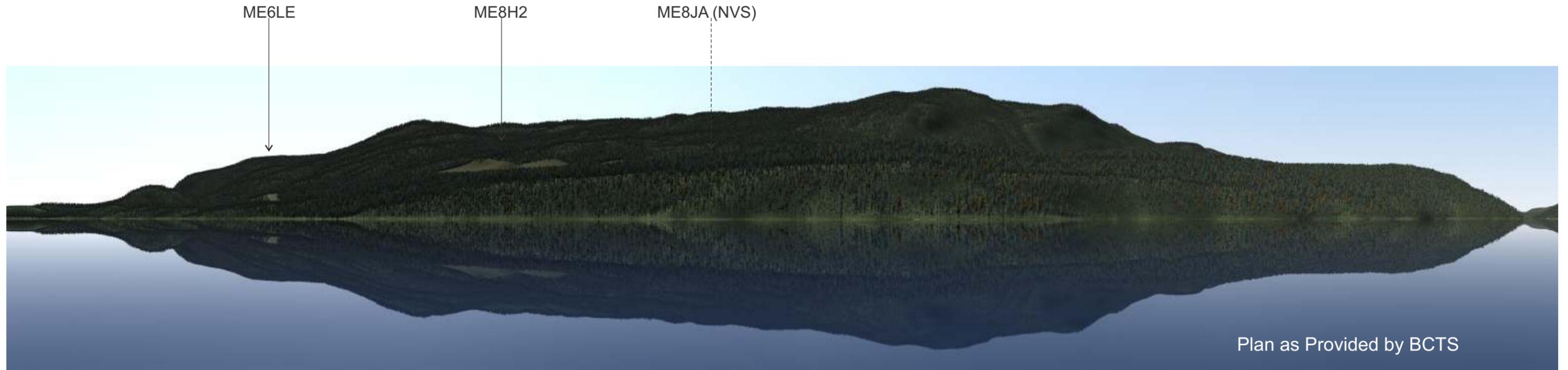


VP3

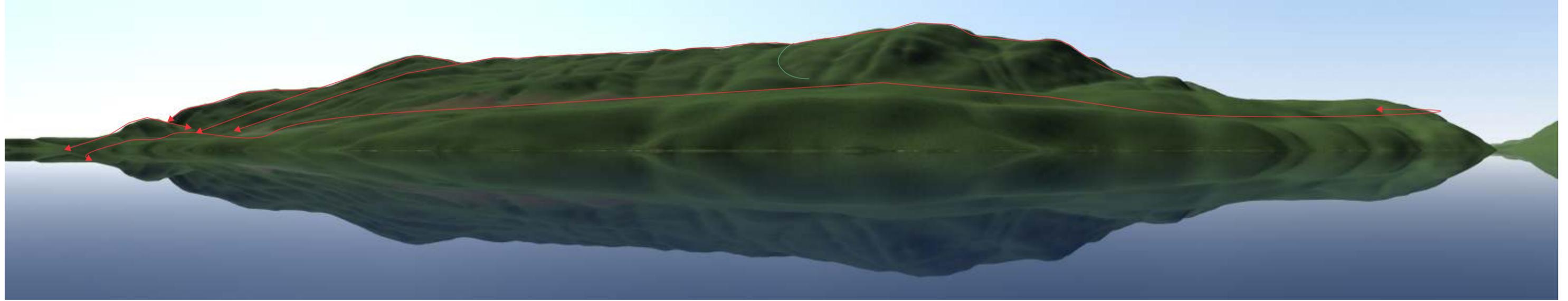


VP2





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