



2.1.2 Site Information (Office)																
Forest District _____	Sample Code _____															
Licensee _____	Date of Field Evaluation <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td></tr></table>	M	M	/	D	D	/	Y	Y	Y	Y					
M	M	/	D	D	/	Y	Y	Y	Y							
Licence No. _____ CP No. _____	Block _____															
General Location _____	Results Opening ID _____															
2.1.3 VLI Information (Office)																
Date of Update <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td></tr></table> VAC _____	M	M	/	D	D	/	Y	Y	Y	Y	Established VQO _____					
M	M	/	D	D	/	Y	Y	Y	Y							
Polygon No. _____ VSC _____	Date of Establishment <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">M</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">D</td><td style="width: 20px; height: 20px; text-align: center;">/</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td><td style="width: 20px; height: 20px; text-align: center;">Y</td></tr></table>	M	M	/	D	D	/	Y	Y	Y	Y					
M	M	/	D	D	/	Y	Y	Y	Y							
EVC _____ Recommended VQC _____	Source Document _____															
2.2.1 Viewpoint (Field)																
Viewpoint No. _____ GPS Latitude _____	Viewing Direction _____															
GPS Longitude _____ Elevation (m) _____	Viewing Distance _____															
2.2.2 Photography (Field)																
Roll No. _____ ID Nos. _____	Viewpoint Importance (low) 1 2 3 4 5 (high) _____															
Digital Photo ID Nos _____	Viewpoint Description _____															
	Field of View Width(degrees) _____															
	Field of View Height(degrees) _____															
2.2.3 Assess Basic VQC (Field)																
Alterations meet with Basic VQC definition? Circle where in the range for that VQC. Notes:																
Basic VQC <table style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">P</td><td style="width: 20px; text-align: center;">R</td><td style="width: 20px; text-align: center;">PR</td><td style="width: 20px; text-align: center;">M</td><td style="width: 20px; text-align: center;">MM</td></tr><tr><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td></tr><tr><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td><td style="width: 20px; text-align: center;"> </td></tr></table> →		P	R	PR	M	MM										
P	R	PR	M	MM												
2.2.4 Design Observations (Field)	2.3.4 Partial Cut Alterations															
Design Elements G (-1) M (0) P (+1)	Partial cutting															
Response to visual force lines _____ _____ _____	% removed _____															
Borrows from natural character _____ _____ _____	Average tree height (m) _____															
Edge treatments incorporated _____ _____ _____	Clearcut equivalent _____ % alteration as read from Table 4.															
Distance from the viewpoint _____ _____ _____	Record this value on line 2.3.2 a.															
Position on the landform _____ _____ _____																
Total Design _____ _____ _____																
2.3.2 Assess Initial VQC (Office)	2.3.6 Determining EE Rating for the Landform by Comparing Basic VQC with Adjusted VQC (Office)															
a) % of landform altered by recent openings _____	1 <input type="checkbox"/> Clearly not met (Neither method indicates VQO achievement, both are far from class boundary)															
b) % of landform with site disturbance outside openings _____	2 <input type="checkbox"/> Not met (Neither method indicates VQO achievement, but both are close to class boundary)															
c) % non veg contribution of old openings _____	3 <input type="checkbox"/> Borderline (One method indicates VQO achievement, one does not)															
X = (a+b+c) = _____ % alteration Initial VQC _____	4 <input type="checkbox"/> Met (Both methods indicate VQO achievement, but one or both are close to the high end "maximum % alteration limit.")															
2.3.3 Assess Adjusted VQC (Office)	5 <input type="checkbox"/> Well met (Both methods indicate VQO achievement and are on the lower % alteration limit or mid-range for the class)															
d) Impact of roads, side cast, etc. (within openings) _____																
<input type="checkbox"/> None <input type="checkbox"/> Subordinate <input type="checkbox"/> Significant <input type="checkbox"/> Dominant Adj. Factor _____																
e) Tree retention																
<input type="checkbox"/> Good <input type="checkbox"/> Moderate <input type="checkbox"/> Poor Adj. Factor _____																
f) Design (enter total from 2.2.4 above) Adj. Factor _____																
Total adjustment Y = (d+e+f) Adj. Total _____																
Calculate adjusted % alteration X*(1 + 0.14*Y) = _____																
Adjusted VQC P R PR M MM																
Adjusted % alt 0 1.5 4 7 12 18 24 30 ++>																
Evaluated by _____	2.3.7 Allowance for Over-ride															
Signature _____	Over-ride EE _____															
	Rationale for over-ride _____															



2.2.2 Viewpoint Importance																																																																																																																															
(1) glimpse view, less than 10 seconds (2) sustained side view (3) sustained focal view, travelling toward the alteration for more than one minute (4) viewpoint is at a rest stop, campsite, or other static short-term view location (5) viewpoint is the location of a community, commercial tourist-related enterprise, or other static long-term view location																																																																																																																															
2.2.3 Table 1 – Definitions of Visual Quality Classes																																																																																																																															
Visual Quality (Class Symbol) Basic Definition																																																																																																																															
Preservation (P)	"preservation" 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 very small in scale, and (b) is designed to be indistinguishable from the pre-harvest landscape.																																																																																																																														
Retention (R)	"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 difficult to see, (b) is small in scale, and (c) has a design that mimics natural occurrences.																																																																																																																														
Partial Retention (PR)	"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.																																																																																																																														
Modification (M)	"modification" 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.																																																																																																																														
Maximum Modification (MM)	"maximum modification" 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 extremely easy to see and one or both of the following apply (a) the alteration is very large in scale, or (b) the alteration is angular and geometric.																																																																																																																														
2.2.4 Table 2 – Design Observations (Field)			2.3.2 Table 3 – Percent Alteration Ranges for Visual Quality Classes																																																																																																																												
Design Elements	Good (-1)	Moderate (0)	Poor (+1)																																																																																																																												
1. Response to Major Lines of Force	Strong	Force Lines Not Apparent	Weak or No Response																																																																																																																												
2. Borrowing from Natural Character	Fully	Partially	Isolated or Not at All																																																																																																																												
3. Incorporating Edge Treatment	Feathering and Irregular Boundaries Present	Either Feathering or Irregular Boundaries Present	Neither Aspect Present																																																																																																																												
4. Distance between Alteration and Viewpoint	> 8 km	> 1 and < 8 km	< 1 km																																																																																																																												
5. Position of Opening on the Landform	Lower Down & To One Side	Small Opening near Center	High on the Landscape or Large near Center																																																																																																																												
			Alteration percent of landform in perspective view Visual Quality Class P – Preservation 0 R – Retention 0 – 1.5 PR – Partial Retention 1.6 – 7.0 M – Modification 7.1 – 18.0 MM – Maximum Modification 18.1 – 30.0																																																																																																																												
2.3.4 Table 4 – Visual Equivalent to Clearcut Percent Alteration Factors for Partial Cut Alterations			2.3.3 Adjustment Factors																																																																																																																												
<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="10">Mean height (m) of residual trees</th> </tr> <tr> <th colspan="2"></th> <th>5</th> <th>10</th> <th>15</th> <th>20</th> <th>25</th> <th>30</th> <th>35</th> <th>40</th> <th>45</th> <th>50</th> </tr> </thead> <tbody> <tr> <th rowspan="6">Volume removed (%)</th> <th>10</th> <td>0.1</td><td>0.2</td><td>0.4</td><td>0.6</td><td>0.7</td><td>0.8</td><td>1.0</td><td>1.2</td><td>1.8</td><td>2.2</td> </tr> <tr> <th>20</th> <td>0.3</td><td>0.4</td><td>0.7</td><td>1.0</td><td>1.2</td><td>1.4</td><td>1.8</td><td>2.2</td><td>3.3</td><td>4.4</td> </tr> <tr> <th>30</th> <td>0.7</td><td>0.9</td><td>1.2</td><td>1.4</td><td>2.0</td><td>2.4</td><td>3.3</td><td>4.2</td><td>5.0</td><td>6.5</td> </tr> <tr> <th>40</th> <td>1.2</td><td>1.4</td><td>2.0</td><td>2.4</td><td>3.4</td><td>4.3</td><td>5.2</td><td>6.1</td><td>6.7</td><td>7.8</td> </tr> <tr> <th>50</th> <td>1.8</td><td>2.3</td><td>3.4</td><td>4.3</td><td>5.2</td><td>6.2</td><td>6.8</td><td>7.7</td><td>8.4</td><td>9.0</td> </tr> <tr> <th>60</th> <td>3.5</td><td>4.3</td><td>5.0</td><td>6.2</td><td>6.7</td><td>7.7</td><td>8.4</td><td>9.2</td><td>10.0</td><td>11.5</td> </tr> <tr> <th>70</th> <td>4.9</td><td>5.5</td><td>6.5</td><td>7.7</td><td>8.4</td><td>9.2</td><td>10.0</td><td>11.4</td><td>12.7</td><td>14.0</td> </tr> <tr> <th>80</th> <td>6.0</td><td>6.6</td><td>8.3</td><td>9.2</td><td>10.0</td><td>11.0</td><td>12.0</td><td>13.2</td><td>14.4</td><td>15.5</td> </tr> <tr> <th>90</th> <td>8.0</td><td>9.0</td><td>10.0</td><td>11.0</td><td>12.0</td><td>13.0</td><td>14.0</td><td>15.0</td><td>16.0</td><td>17.0</td> </tr> </tbody> </table> <p>Retention Partial Retention Modification</p>					Mean height (m) of residual trees												5	10	15	20	25	30	35	40	45	50	Volume removed (%)	10	0.1	0.2	0.4	0.6	0.7	0.8	1.0	1.2	1.8	2.2	20	0.3	0.4	0.7	1.0	1.2	1.4	1.8	2.2	3.3	4.4	30	0.7	0.9	1.2	1.4	2.0	2.4	3.3	4.2	5.0	6.5	40	1.2	1.4	2.0	2.4	3.4	4.3	5.2	6.1	6.7	7.8	50	1.8	2.3	3.4	4.3	5.2	6.2	6.8	7.7	8.4	9.0	60	3.5	4.3	5.0	6.2	6.7	7.7	8.4	9.2	10.0	11.5	70	4.9	5.5	6.5	7.7	8.4	9.2	10.0	11.4	12.7	14.0	80	6.0	6.6	8.3	9.2	10.0	11.0	12.0	13.2	14.4	15.5	90	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	c) Roads: 0 = None 1 = Subordinate 2 = Significant 3 = Dominant d) Tree Retention: -2 = Good > 22% -1 = Moderate 15 - 22% 0 = Poor < 15% e) Design: Record Total from 2.2.4
		Mean height (m) of residual trees																																																																																																																													
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Partial Cutting Photos Showing Removal Levels and Resulting Texture



Tree Ht 20M Vol Rem 44% Stems 45%



Tree Ht 34M Vol Rem 64% Stems 71%



Tree Ht 25M Vol Rem 73% Stems ?%



Tree Ht 27M Vol Rem 46% Stems ?%



Tree Ht 24M Vol Rem 64% Stems 86%



Tree Ht 21M Vol Rem 80% Stems 81%



Tree Ht 23M Vol Rem 50% Stems 53%



Tree Ht 30M Vol Rem 65% Stems 91%



Tree Ht 23M Vol Rem 88% Stems 91%



Tree Ht 28M Vol Rem 56% Stems 67%



Tree Ht 31M Vol Rem 72% Stems 77%



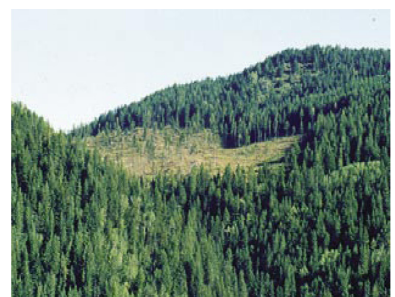
Tree Ht 20M Vol Rem 88% Stems 96%



Tree Ht 28M Vol Rem 60% Stems 80%



Tree Ht 28M Vol Rem 72% Stems 85%



Tree Ht 29M Vol Rem 88% Stems 96%

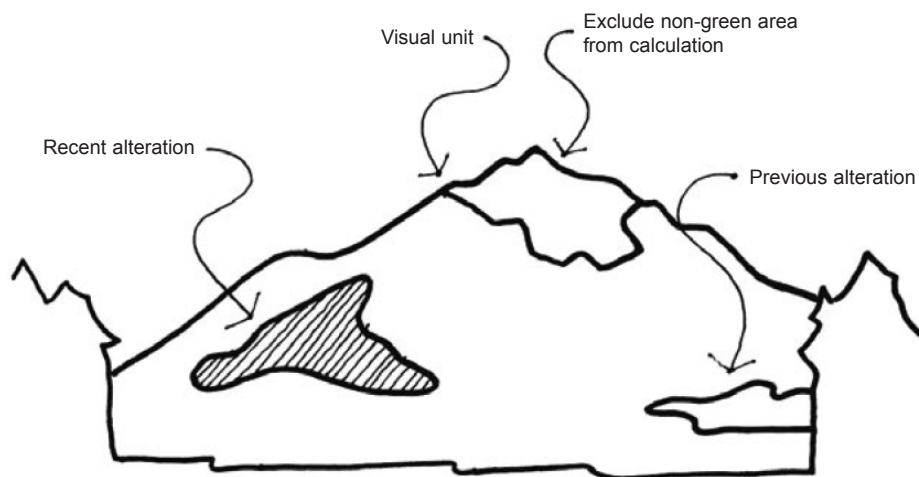


Calculating Percent Alteration in Perspective View

Example of site photograph showing altered landscape



- Step 1** On an enlarged version of the site photograph, define and outline the visual unit or landform. Exclude those portions of the landform screened by vegetation and non-green areas, such as mountain tops, rock, snow, and ice.
- Step 2** Measure the visible unit or landform using a manual or electronic planimeter or a GIS application (e.g., middle ground visual unit = 37.5 cm²).
- Step 3** Measure visible ground area of previous alteration that have not yet achieved visually effective green-up (e.g., current alteration = 1.8 cm²).



- Step 4** Measure visible ground area of recent alteration (e.g., = 4.7 cm²)
- Step 5** Add previous non-VEG alteration and recent alteration figures together to get total area altered. Divide this figure by the visual unit figure to get percentage of unit altered (e.g., [(1.8 + 4.7) ÷ 37.5] x 100 = 17.3%).
- Note:** Repeat the above calculation for each of the viewpoints selected for evaluation. Enter the percent alteration figure derived from each viewpoint on the Visual Quality Effectiveness Evaluation form (Page 2).