

BC Coastal Windthrow Consequences and Risk FORM 3 – Side A

ADMINISTRATIVE				
Location	Opening ID	Block #	Examiner/Date	Segment/Portion

Description of Management Values / Concerns:

Slopes, gullies or streambanks with instabilities ¹	
Reserves for an identified feature.	
Visual landscape quality objectives.	
Retention for biodiversity	
Timber management objectives	
Public safety and corporate or professional damages	

SUMMARY OF CONSEQUENCES:

1. Refer to the Diagnostic Questions in the Windthrow Management Manual for your management values/concerns. Note: this can be done prior to layout.

Sensitivity Ranking	Rank as - Nil, Low, Mod, High, Very High (use highest ranking score)
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Relevant Values / Management Concerns	Answers to Diagnostic Questions			RANK	
	#1	#2	#3	#	Category
Slopes or banks with instabilities.					
Reserves for an identified feature.					
Visual landscape quality objectives.					
Retention for biodiversity.					
Timber management objectives.					
Public safety and corporate or professional damages.					

Comments:

¹ Gullies, escarpments, other slopes with questionable stability or banks of active fluvial streams.

BC Coastal Windthrow Consequences and Risk FORM 3 – Side B

COMPARISON OF PREDICTED WINDTHROW TO MAX TOLERANCE:				
PREDICTED WINDTHROW – from hazard and likelihood assessment – FORM 2				
Predicted edge penetration (m):		Predicted % windthrow in an identified zone (%):		
MAXIMUM WINDTHROW TOLERANCE (Limit or Threshold) – The target maximum acceptable amount of windthrow based on consequences and considerations from the Manual. Note - Use NA if none apply.				
TO PROTECT a mapped feature:				
TO SUSTAIN the general condition of a patch or reserve:				
Comments:				
LIKELIHOOD OF EXCEEDING MAX WINDTHROW TOLERANCE:				
Nil	- Predicted windthrow is far below the tolerance			
Low	- Predicted windthrow is below but not far below the tolerance and, it is expected that windthrow will likely remain below the tolerance.			
Mod	- Predicted windthrow is close to the tolerance limit (either side) and it is equally likely to be exceeded as it is not to be exceeded.			
High	- Predicted windthrow significantly exceeds the tolerance but substantial intact timber is expected to remain around feature or in the patch/strip.			
Very High	- Predicted windthrow exceeds the thresholds so much that most trees in and around the feature or in the patch/strip are expected to be blown down.			
Estimated likelihood of exceeding windthrow Tolerance				
WINDTHROW RISK ASSESSMENT				
DIAGNOSTIC QUESTION: What is the overall risk, considering the likelihood of exceeding the tolerance and the consequences for management values, safety, liabilities and other management concerns? ²				
Risk =	<input type="checkbox"/> Very High (very negative)	<input type="checkbox"/> High (negative)	<input type="checkbox"/> Moderate (slightly negative)	<input type="checkbox"/> Low (minimal to no consequences)
Comments and Recommendations:				

² If the consequence is Very High and the Likelihood of Exceeding Thresholds is Low or even Nil, review the accuracy of the likelihood assessment for potential error and check the degree of that uncertainty.