

# Skeena Islands '47 Reaches 5, 6 & 7

**Historical Terrestrial Ecosystem Mapping of the Skeena River floodplain  
downstream of Terrace, BC**  
Covers parts of BCGS 1:20,000 map sheets 1031.023, 024, 034, 035, 036, 045, 046, 047, and 057

**Introduction**  
The Skeena Islands project was initiated to provide detailed information on the ecosystems of the Skeena River floodplain and their condition. This area has an extensive history of previous forest harvesting, and is made up primarily of red and blue-listed ecosystems. This mapping provides a baseline of what the ecosystems of the floodplain were before extensive harvesting occurred. This baseline mapping can then be used to set targets for the restoration of these red and blue listed ecosystems of the floodplain. The study area boundary is the floodplain of the Skeena River. Mapping was completed following the methods outlined in *Standard for Terrestrial Ecosystem Mapping in British Columbia (RIC 1998)*.

**Data Sources**  
This project was based on 1:30,000 black and white photographs taken in 1947. Base map is from TRIMII mapping based on 2001 and 2003 aerial photography. Fieldwork for this project was conducted in June, August, and September 2004.

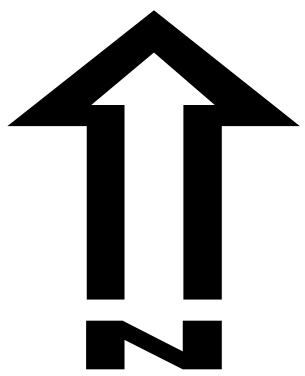
**Citation**  
de Groot A.J., Haeussler S. and Yole D.W. 2005. Landscape and Stand Scale Structure and Dynamics of the Skeena River Floodplain Forests. Prepared for Bulkley Valley Centre for Natural Resource Research and Management, Smithers, BC in partnership with the Kalum Forest District, Terrace BC. 1:20,000 maps.

## Legend

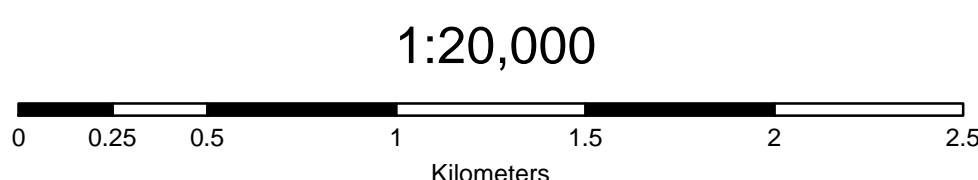
Ecosystems		Biogeoclimatic Units	
K/E: Kintail Ranges		CWH1v1: Coastal Western Hemlock very wet maritime subzone, Submontane variant	
		CWH1v1: Coastal Western Hemlock wet submontane subzone, Submontane variant	
		Banner A. <i>et al.</i> 1993. A field guide to site identification and interpretation for the Prince Rupert Forest Region, LMH 26, Ministry of Forests, Victoria, BC.	
Site series name	Colour	Structural stage	Map Code
Sa - Salmonberry High bench	Red	7	SS
Act - Red-oak dogwood	Green	6	CD
Middle bench	Green	5	CD
Act - Willow Low bench	Green	4	CD
Cw - Skunk cabbage	Yellow	3	CD
Herb - Bramble	Orange	2	HM
Shrub - Herb	Orange	1	SH
Gravel bar	Grey		GB
River	Blue		RJ

Structural Stage	Ecosystem Unit Label
1	417: Polygon
2	4557: Decile 1, Site Series 1, Structural Stage 1
3	4557: Decile 2, Site Series 2, Structural Stage 2
4	4557: Decile 3, Site Series 3, Structural Stage 3, Modifier 3
5	Young forest, generally 40-80 years old, but may be 30 years depending tree species and ecological conditions.
6	Mature forest, CWH is in Group B - 80-250 years old.
7	Old forest, CWH is in Group B - >250 years

Seral stage modifiers	Typical conditions
ra	Red alder
ps	Dense willow
ah	Alder horsetail



BCGS Map Grid (1:20K)	Streams
Forest District Boundary	Road (Paved)
Protected Areas	Road (Gravel)
Landscape Unit Polygons	Rail Line
Ownership Polygon	Transmission Line
Biogeoclimatic Zone & Variant	Pipeline
Reaches	Airport
Indian Reserves	
Wetlands	
Rivers and Lakes	



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Ministry of Water, Land and Air Protection - Skeena Region

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Ministry of Sustainable Resource Management  
Skeena Contact Centre

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