

Riparian Assessment Summary

Ministry of Forests - Haida Gwaii Forest District

BCTS - Chinook Business Area - Block SKI537



Stream Measurement / Classification / Transport Potential Table

Stream Identification	Reach Number	Classification Method	Stream Classification	Reach Length (m)	Average Stream Gradient (%)	Width Measurements (m)						Average Channel Width (m)	Average Channel Depth (m)	Water Transport Potential Rating	Incised Channel Depth (m)	Reserve Zone Width (m)	Management Zone Width (m)	Comments / Rationale
						XS1	XS2	XS3	XS4	XS5	XS6							
A	1	Grad/Visual	Upland	700+	12%	0.8	0.5	1.1	0.4	0.5	0.5	0.6	0.10	L	2.5			Stream A originates outside the block and flows in and out of the SKI537 twice before leaving the block on the western edge and then dropping into Baxter Creek. A gully assessment has been completed for a short portion of this streams.
B	1	Grad/Visual	Type I	200	5%	1.1	2.9	2.1	1.6	1.4		1.8	0.15	L		80		Stream B is a direct tributary to Baxter Creek and has Type I stream characteristics for the first 200m of reach.
B	2	Grad/Visual	Type II	650	10%	0.8	0.8	0.9	1.9			1.1	0.10	L		40	20	Stream B transitions from a Type I to a Type II and continues paralleling the northern edge of SKI537.
NCD1	1	Grad/Visual	NCD	100	15%													NCD1 flows from in block retention patch into Stream A.
Baxter Creek	1	Grad/Visual	Type I	800+	5%	3.8	4.1	4.4	3.4	3.8	4.0	3.9	0.20	H	2.0	80		Baxter Creek flows adjacent to block SKI537. The creek drains out of Swamp and Lily Lakes in the north, through the development area and down into Skidegate Lake. It is the primary stream in the area. The appropriate buffers were applied to the western most edge of SKI537.

Lake / Wetland Measurement and Classification Table

Lake / Wetland Identification	Number	Classification Method	Lake / Wetland Classification	Area (Ha)	Comments / Rational
N/A					

Culvert Summary Table

Stream Identification	Road Name	Road Station	Width of Top (m)	Width of Bottom (m)	Depth (m)	Cross Sectional Area (m2)	Culvert Size(mm)	Comments / Rationale
N/A	Spur 30C-1	0+935	-	-	-	-	600	X-Drain
N/A	Spur 30C-1	0+968	-	-	-	-	1x3	WBC - Stream C Type I
N/A	Spur 30C-1	1+103	-	-	-	-	600	X-Drain
N/A	Spur 30C-1	1+250	-	-	-	-	600	X-Drain
A	Spur 30C-1	1+304	-	-	-	-	600	X-Drain
N/A	Spur 30C-1	1+352	-	-	-	-	600	X-Drain
N/A	Spur 30C-1	1+432	-	-	-	-	600	X-Drain
NCD1	Spur 30C-1	1+658	-	-	-	-	600	NCD 1
N/A	Spur 30C-1	1+746	-	-	-	-	600	X-Drain
N/A	Spur 30C-1	1+962	-	-	-	-	600	X-Drain
A	Spur 30C-2	0+077	-	-	-	-	600	Stream A

