



Sensitive Ecosystem Mapping of the Atlin-Taku Planning Area
 Covers parts of mapsheets 1041, 104K, 104L, 104M & 104N
 February 2009
 Projection: UTM Zones 8 & 9, Datum: NAD83

Introduction
 The Atlin-Taku Sensitive Ecosystem Inventory Project was initiated to provide information on the location of rare and sensitive ecosystems in the Atlin-Taku Skeena River floodplains 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 will provide the basis for the restoration of these ecosystems by identifying the areas with the greatest conservation value. The study area boundary is the floodplain of the Skeena River. Mapping was completed following the methods outlined in Standard for Mapping Ecosystems at Risk in British Columbia (RMC 2006).

Ecosystems
 BJOR: Boundary Ranges
 STP: Stikine Plateau
 THH: Tahltan Highlands
 TEP: Teslin Plateau
 Submontane variant
 Biogeoclimatic Units
 BAF: Boreal
 CM: Coastal
 CW: Coastal Western
 ESS: Engelmann Spruce
 MH: Mountain Hemlock
 SB: Sub-Boreal
 SW: Spruce-Willow-Birch
 WB: Wet-Boreal
 Boreal
 Boreal White and Black
 Coastal Mountain-heather
 Coastal Western Hemlock
 Engelmann Spruce - Subalpine Fir
 Mountain Hemlock
 Sub-Boreal Spruce
 Spruce-Willow-Birch
 Wet-Boreal Spruce

Sensitive Ecosystem Unit Label
 17 - Polygon Number
 6R1B - Decile 1, Class Code 1, Subclass 1
 3WNfn - Decile 2, Class Code 2, Subclass 2
 1R1fn - Decile 3, Class Code 3, Subclass 3

Ecosystem Class	Class Code	Ecosystem Subclass	Subclass Code	Typical Conditions
Grassland	GR	Grasslands	gr	Matrix of grasslands and shrublands usually on south-facing slopes
Herbaceous	HB	Herbaceous	hb	Herbaceous community, includes subalpine meadows and herbaceous spruce communities near waterfalls
Riparian	RI	Floodplain	fp	Can contain high, middle and low benches and non-forested floodplain wetlands
Wetland	WN	Jikuhlilaps	jk	Riparian areas influenced by jikuhlilaps that have special characteristics relating to this process
Woodland	WD	Coniferous	co	Wetland complex may include numerous wetland types and small lakes, may be associated to complex terrain produced by landslides
Ultramafic	ul	Ultramafic	ul	Calcareous wetlands are often complex, containing fen, marsh and open water
Mature forest	MF	Coniferous	co	Pine - Lichen woodlands on well drained materials such as glacial till and ultramafic bedrock
Sparsely Vegetated	SV	Hydrogeomorphic	hm	Dry CWHwm02 forest
Chiff	CL	Canyon	cy	Lichen dominated landscape on exposed bedrock with stunted conifers, heathland and wetlands
		Ultramafic	ul	Limestone canyons with associated vegetation and karst features
		Ultramafic	ul	Sleep terrain associated with landslides on ultramafic bedrock

Credits
 Fieldwork by Adrian de Groot, Sybille Haenseler, Rick Townbridge and Patrick Williams; map produced by Integrated Land Management Bureau, Smithers, BC; project funded by Integrated Land Management Bureau, Smithers, BC and managed by Bulkley Valley Centre for Natural Resource Research and Management, Smithers, BC

Citation
 de Groot, A.J. and J. Poljar. 2009. Sensitive Ecosystems of the Atlin-Taku Project Area. Prepared for Bulkley Valley Centre for Natural Resource Research and Management, Smithers, BC. 1:350,000 maps.

MAP ID	BEC CODE	SITE TYPE
1	FB1	Floodplain - low bench
2	FB1	Floodplain - low bench
3	Wet0	Wetland - marsh
4	Wet1	Wetland - fen
5	Wet2	Wetland - fen
6	Wet2	Wetland - fen
7	CWHwm05	Floodplain - High bench
8	Fa00	Floodplain - Middle bench
9	Fa00	Floodplain - Middle bench
10	Fa00	Floodplain - Middle bench
11	Fa00	Floodplain - Middle bench
12	Fa00	Floodplain - Middle bench
13	Fa00	Floodplain - Middle bench
14	Fa00	Floodplain - Middle bench
15	CWHwm02	Dry forest
16	Ga02	Wetland



Produced for:
 Bulkley Valley Centre for Natural Resources
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 Smithers, BC

Produced by:
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 sm_07_0137_AT_Scoping/working/Atlin_Taku_sensesc_eseize

Projection/Datum: BC Albers/NAD 83
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Legend

- Atlin Taku Land Use Planning Boundary
- Yukon Border
- Provincial Ecosystems
- Sensitive Ecosystems
- ▲ At Risk BEC Plot Locations
- Project Plot Locations
- Ecosystems
- BEC Zones
- Paved Roads
- Loose Roads
- Lakes
- Rivers

Contour Interval: 100 Meters

Date: February, 2009