082F067

Vegetation Map
082F067

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display information for the user's specific area of interest. The quality of the information shown on the map (scale, currency, portrayal) may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM, Base Features:
- 1st Built Roads
- Forest Tenure Road Lines
- Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Yards
- Cable Ways
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodynamics - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NVI Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 fcs - 1% % hatch)
- Municipal boundary (1:1,000,000 fcs - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Wesheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1. Silviculture symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Composition
   ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4. Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
   ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20+
5. Vegetated Density Class (or Non-Forest Productive Descriptor)
   ex. Density class 4 is described as between 56 to 70% and graminoids, shrubs less that 2m.
6. Disturbance History & year - ex.s logged in 1978

Line 1 - History Record Opening Number

- opening number valid for BCGS mapsheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
L - Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Code List

Species Composition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

E	CEDAR
Cw	Western Red Cedar
Yc	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetcrisp Juniper
L	LARCH
Lt	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Pa	Whitebark Pine (alpine)
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxe	Spruce hybrid
Sxw	Hybrid white x White
Sxl	Sitka x white hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Ds	Sitka Alder
Up	Paper Birch
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ap	Balsam Poplar
Act	Black Cottonwood
Ax	Hybrid Aspen
Ae	Trembling Aspen
B	BIRCH
Bp	Alaska Paper Birch
Bpx	Alaska x Royal Birch hybrid
Bp	Paper Birch (white)
Bg	Gray Birch
Bw	Water Birch
Bb	Black Birch
C	Cascara
Ep	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (rainforest)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wr	Pacific Willow
Wa	Peachleaf Willow (Booby's)
Wx	Willow x Willow (hybrid)
Wb	Scouler's Willow
Wy	Willow (tree leaved)

UNKNOWN / OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree species list)
Zc	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ay	Apple
Ap	POPLAR - COTTONWOOD or POPLAR
Act	Northern Cottonwood
	BIRCH
Ey	Asian Birch
Ek	Erman Birch (swamp)
Ey	Yellow Birch
Ep	Elm
Up	Camperdown Elm
	FIR (Balsam)
Bl	Subalpine Fir
Bb	Noble Fir
Bm	Shasta Red Fir
Bg	Grand Fir
	LARCH
Lj	Dahurian Larch
Le	European Larch
	MAPLE
Me	Box Elder
Mr	Red Maple
Mh	Japanese Maple
	OAK
Qg	Garry Oak
Qs	White Oak
	OTHER EXOTICS
Ch	Horse Chestnut
Cs	Giant Sequoia
Cs	Coast Redwood
Ds	Dawn Redwood/Metasequoia
De	Eastern Elm (southern)
Cf	Common Pear
Ch	Chinese Pear
Ah	White Ash
Ot	Shagbark Hickory
Ob	Black Walnut
Oh	Japanese Walnut
	PINE
Pm	Monterey Pine
Pp	Ponderosa Pine
Pj	Jack Pine
	SPRUCE
Sx	Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years.
SI values ending in "+" are based on 3 or more trees with accurate breeding dynamics. Where an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees aren't present, e.g. Non-Forested polygons, or Fd, Cw, Hw, Ss polygons with no site tree attributes if Associated Yields in the data base are inventory Type Group and SI if estimated source code

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREES SHRUB
- sb SHRUB : shrub with average shrub height > or = to two metres.
- s SHRUB LOW : shrub with average shrub height < two metres.

NON-TREES HERB
- h HERB : herb with no distinction between forbs and graminoids.
- hf HERB - FORBS : herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS : herb with graminoids > 50% of the herb cover.

NON-TREES BRYOID
- by BRYOID : bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSSES : bryoid with mosses > 50% of the bryoid cover.
- bl BRYOID - LICHENS : bryoid with lichens > 50% of bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ai	AIRPORT	gp	GRAVEL PIT
bs	BISCUIT	li	LAKE
bf	BOGS/FEN	lk	LANDING
br	BEDROCK	ld	LANDSLIDE DEPOSITS
cl	CLIFF/BANK	mi	OPEN PIT MINE
cn	CUTBANK	mn	WORKING
cr	EXPOSED SOILS		
cu	CULTIVATED		Other categories (ai, bs, ru, rz) not labelled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I records)

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE BRUSH
BY	BRYOIDS	NPCL	NON-PRODUCTIVE CLEAR
CL	CLAY BANK	NPF	NON-PRODUCTIVE FOREST (Species
D	GRAVEL BAR	NTA	NO TYPING AVAILABLE
G	GRASSLAND	OR	OPEN ROCK
I	ICEFIELD	P	HAYFIELD
M	MEADOW	R	ROCK
WLE	WILDLIFE	S	SWAMP

SAND	SAND		
TIDE	TIDAL FLAT		
URBAN	URBAN		
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

Disturbance type codes preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

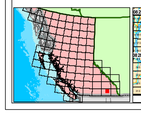
A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
D	Deciduous Defoliating Insects	N	Non-Biological Injuries
E	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of Inverse RESULTS data.

The Ministry of Forests, Mines and Lands web application http://www.for.gov.bc.ca/hre/imf/ is used for more information. Select the ESILVICULTURE tab then click on 'Display Silviculture Map' to turn on display values for:

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
SILVICULTURE
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



Selkirk Natural Resource District

Rocky Mountain Natural Resource District

KOOTENAY DISTRICT

082F076 082F077 082F078 082F066 082F067 082F068 082F056 082F057 082F058

18-37 18-36 18-35 17-35 56 125

Overflow Labels

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