Vegetation Map
0921067

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

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

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display on a standard computer screen or printed on 11" x 17" paper. Information contained in the digital database or portrayed may not be complete and is to be 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
- Immature Opening in Vegetation
- Permanent Sample Plot (2010)
- Research Installations

TRIM, Base Features:
- Cut Block Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Ferry Routes
- Other lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Net/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV 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 for 1 % hatch)
- Municipal boundary (1:1,000,000 for ~ 50 % hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure (layer is described as Fd (Douglas Fir) and He (Western Hemlock).
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 20m
5 Estimated Site Index (SI) - separator: Site Index Estimation Method
ex. a forth polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number

opening number used 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 1

Species Composition: Species are labelled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C.: Ministry of Forests Tree Code List" version 4.3 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Cy	Yellow Cedar
F	FIR
Fa	AVALANCHE FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
F	FIR (Balsam)
Fa	Subalpine Fir
Fg	Grand Fir
Fl	Alpine Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jf	Rocky Mtn. Juniper
Js	Sitkaside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pl	Limber Pine
Pli	Limber Pine (Interior)
Plc	Limber Pine (Coastal)
Pla	Lodgepole x Jack Pine hybrid
Pli	Lodgepole Pine (Interior)
Plc	Shore Pine (coastal)
Pm	Mountain Hemlock
Pw	Whitebark Pine
Py	Ponderosa
Sb	Black Spruce
Se	Engelmann Spruce
Sea	Alpine Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Lutz hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka
Dv	Pacific Dune Myrtle
E	BLACK COTTONWOOD or POPLAR
Ax	Poplar
Ac	Black Cottonwood
Ae	Black Cottonwood
Ai	hybrid Poplars
At	Trembling Aspen
A	ARBUTUS
Ba	Arbutus
Ep	BIRCH
Ew	Water x Paper Birch
Ewp	Water x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
K	CASCARA
Kc	Cascara
Q	GARRY OAK
Ls	Silver Cherry
V	DOGWOOD
Vc	Pacific Dogwood
Vn	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broad Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wa	Willow
Ww	Pacific Willow
Wp	Pussy Willow (Bebb's)
Wpy	Pussy Willow (grey-leaved)
Ws	Sitchan's Willow
Wy	Willow (Yellow-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Unknown Conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zb	Broadleaf
Zn	other coniferous

EXOTICS

	APPLE
Ua	Apple
Ax	ASPEN, COTTONWOOD or POPLAR
Ab	Southern Cottonwood
Ae	Aspen
Eb	European Birch
Ep	Paper Birch hybrid
Ey	Yellow Birch
	CHERRY
Yc	Choke Cherry
	CYPRESS
Ys	Port Orford Cedar
Ja	JUNIPER
Jb	Rocky Mtn. Juniper
Jh	Hybrid Juniper
Jm	Mountain x Western Hemlock hybrid
Js	Sitkaside Juniper
	LARCH
Lt	Tamarack
Lw	Western Larch
	MAPLE
Mr	Red Maple
Ms	Sycamore Maple
Mn	Norway Maple
Qa	Pin oak
Qg	Garry Oak
Qr	Red Oak
	OTHER EXOTICS
Ox	Incense Cedar
Oy	Monterey Cypress
Ot	Tulip Poplar
Ow	Western Hemlock hybrid
Ob	Siberian Elm (southern)
Oe	Elm (other)
Oh	Hedge Apple
Ow	White Ash
Ok	Kentucky Coffee
Ot	Tree-of-Heaven
Ow	Japanese Walnut
	PINE
Pn	Ponderosa Pine
Pa	Austrian Pine
Pu	Scots Pine
Pp	Pinaster
Pc	Corsican Pine

Line 4

4a. AGE CLASS

CODE	AGE CLASS (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	HEIGHT (METRES)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 37.4
5	37.5 - 48.4
6	48.5 - 64.4
7	65.5 +

4c. CROWN CLOSURE CLASS

CODE	CLOSURE (percentage)
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 on the nearest metre referenced at 50 years Breast height age. SI is based on the age and height of the dominant and co-dominant trees. Where the actual breast height age and height, estimated SI is shown after or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<50yrs). It is denoted by a slash which always precedes the estimated SI value. Estimated SI values are inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

SL	SHRUBLAND	shrub with average shrub height > or = to two metres.
SI	SHRUB LOW	shrub with average shrub height < two metres.
HERBACEOUS		
HE	HERB - MEADOW	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-TREE MOSS

bc	BRYOID
bm	BRYOID - MOSS
bl	BRYOID - LICHENS

bryoid with no distinction between mosses and lichens by cover.
moss with moss > 50% of the bryoid cover. < 50% of the bryoid cover.
lichen with lichen > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ar	ARTIFICIAL	gl	GRAVEL pit	mw	MUDFLAT SEGMENT
bl	BEACH	h	LAVA BED	ms	RUBBLE MINE SPOILS
bi	BLOCKFIELD	la	LAKE	oc	OCEAN
bo	BOULDERS	ls	LAKE SEGMENTS	or	RIVER OR STREAM
bu	BURNED AREA	rv	POND or LAKE SEGMENTS	sn	SNOW COVER
cl	CUTBANK	ea	OPEN PIT MINE	w	RESERVOIR
ex	EXPOSED SOILS	ro	ROCK OUTCREAK	wa	WATER
gl	GLACIER		Note: Water categories ea, la, or rv can exceed over the 5 ha minimum coverage.		

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

AF	ALPINE FOREST Species	NPBR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLEARING	NPSP	NON PRODUCTIVE Species
G	GRASS, Bunch	NTA	NOT TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
M	MEADOW	R	ROCK OUTCROP
MI	MEADOW	RIDGE	
S	SWAMP	SWAMP	

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NCR	NON COMMERCIAL
NFR	NOT SUITABLE/RESTRICTED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code proceeded 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	Burn	O	Other Damage
C	Cone and Seed Insects	P	Non Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
	Trees		
	Needle		

S	Site Rehabilitation
T	Silvicultural Treatment
U	Damage Unknown
V	Problem Vegetation

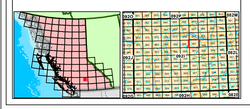
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MapView can be used to view the Silviculture information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING ID
OPENING LABEL 3
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
MINIMUM ACCEPTABLE FOREST COVER
WILDLIFE TREE PATCH





| | | | | |