082K086

Vegetation Map
082K086

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 derived digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information contained on this map is not warranted for any purpose other than to display 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
- Structure Opening in Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM - Base Features:
- All Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fairies
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectrics - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Bnd Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1:200,000 ha - 15 % hatch)
- Municipal boundary (> 1:200,000 ha) - no 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 Inventory Number and Opening Number
2 Polygon Number and multilayer stand indicator (L).
3 Species Composition
ex the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator SI site Index / estimated SI
5 Vegetation Cover - ex Non-Forest/Shrub has description (1) 5-10 ecs, crown closure class 1 (6-10%), SI 20m
6 Vegetation Density Class (or Non-Forest/Product) has description
ex a herb polygon with no distinction between herbs and graminoids, shrubs less that 2m.
7 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

082 - opening number valid for BCGS mapsheet 2009 - 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 4.6 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS-FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxh	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulan Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
P	PINE
Pa	Alpine Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plcp	Lodgepole x Jack Pine hybrid
Pli	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sx	Spruce hybrid
Sxb	Spruce x Black Spruce
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Sxw	White
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
V	APPLE
Vp	Pacific Crab Apple
At	ASPEN/COTTONWOOD or POPLAR
Ae	Aspen
Abb	Balsam Poplar
Abt	Black Cottonwood
Ax	Hybrid Poplars
Al	Trembling Aspen
E	BIRCH
Ep	Alaska Paper Birch
Epp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
K	CASCARA
K	CASCARA
Kc	Cascara
Q	OAK
Qg	Garry Oak
R	ARBUTUS
Wb	Bebb's Willow
Wp	Pacific Willow
Wpb	Pacific x Bebb's Willow (Barrety's)
Wr	Peach Willow (gray willow)
Ws	Sooder's Willow
Wy	Sitka Willow (bra-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xc	unknown conifer
Xh	unknown hardwood
Xh	unknown hardwood (alt)
Z	other species
Zz	other hardwood

EXOTICS

Vt	APPLE
At	ASPEN/COTTONWOOD or POPLAR
Ad	Southern Cottonwood
E	BIRCH
Ea	European Birch
Ep	Silver Birch (swamp)
Ew	Weeping Birch
F	FIR
Vs	Sweet Cherry
Vv	Choke Cherry
Yo	Port Orford Cedar
F	FIR (Balsam)
Bn	Noble Fir
Bp	Noble Fir
Bpr	Red Fir
Bs	White Fir
L	LARCH
Lk	European Larch
Lj	Siberian Larch
M	MAPLE
Mb	Bigleaf Maple
Mr	Norway Maple
Ms	Sycamore Maple
O	OAK
Or	Shumard Oak
Ow	White Oak
P	POPLARS
Pa	Hybrid Poplar
Pn	Balsam Poplar
Pyr	Black Poplar
Pyr	Lombardy Poplar
Pt	Trembling Aspen
W	WILLOW
Wc	Scouler's Willow
Wi	White Willow
Wm	Pussy Willow
Wr	Peach Willow
Y	YEW
Yp	Pacific Yew

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	141-160
9	161 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	66.5 +

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 breast height age. Where a SI is shown for a layer without a leading species, it has a subscript to determine its species, 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. Site Tree Species is the leading species provided if. Associated fields in the data base are Inventory Type Group and SI estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- s SHRUB - shrub with average shrub height > or = to two metres.
- d DWARF SHRUB - shrub with average shrub height < two metres.

NON-TREED HERB
- he HERB
- w HERB - FORBS - herb with no distinction between forbs and graminoids.
- hg HERB - GRAMINOIDS - herb with forbs > 50% of the herb cover.
- herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB
- sh SHRUB - HEIGHT
- sm SHRUB - MOSS - broad with no distinction between mosses and lichens by cover.
- sl SHRUB - LICHENS - broad with lichens > 50% of the shrub cover.
- broad with lichens > 50% of the lyroid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ae	AIRPORT	gr	GRAVEL PIT
b	BARREN	l	LAKE
br	BOG/VALLEY	lr	LAKE BED
br	BEDROCK	lr	LANDING
c	CULTIVATED AREA	ms	MISCELLANEOUS SEDIMENTS
cl	CUTBANK	mt	OPEN PIT MINE
ee	EXPOSED SOILS	mm	MORAINE
o	OTHER		

rm ROUGHT SEDIMENT
ro ROCK OUTCROP/ TYING SPOILS
rs OCEAN
st OTHER
w WATER COVER
ws RESERVOIR
RIVER / STREAM

rm RESERVOIR MARGIN
rs RAILWAY SURFACE
rs RIVER SEDIMENTS
rd ROAD SURFACE
s SNOW
s TAILINGS
ur URBAN

Note: Water categories (w, ws, rs, rv) not labeled over 50 percent coverage.

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

A	ALPINE	NPBR	NON-PRODUCTIVE BRUSH
AF	ALPINE FOREST (Species	NPBS	NON-PRODUCTIVE BURNS
C	CULTIVATED	NPMU	NON-PRODUCTIVE MUSKEG
G	GRASS	NPTS	NON-PRODUCTIVE TREE BEST (Species
G	GRAVEL/SAND	NOA	NOT TYPING AVAILABLE
GR	GRAVEL PIT	OW	OPEN RANGE
L	LAKE	R	ROCK
M	MEADOW	S	SWAMP
MUD	MUD FLAT		

SAND	SAND		
TIDE	TIDAL FLAT		
U	URBAN		
MC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NOT TYPING AVAILABLE		

Line 6 - Disturbance History

Disturbance type code proceeded by symbol, followed by a year/last 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	Mild Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

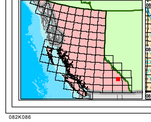
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MapPlace is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Maps" to turn on display values for:

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







Overflow Labels

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