Vegetation Map
093A061

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 / Tantalis

This map is created from information stored 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 subject to change without notice. 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 (SYS)
- Research Installations

TRIM_Base Features:
- 4x4/All Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Aux/Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- REV_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 (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 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 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 Class and Height Class (Site Class) of the most important layer
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb 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

OC01 - opening number valid for BCGS mapsheet
2026 - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - length 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

_	UNKNOWN
Cw	Western Red Cedar
Ep	Pacific Silver Fir
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fd	Amabilis Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock Hemlock hybrid
J	JUNIPER
J	Rocky Mtn. Juniper
Jsc	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Alpine Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Pyb	Bristlecone Pine
S	SPRUCE
Se	Black Spruce
Sb	Black Hybrid Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxw	Spruce hybrid
Sxe	Engelmann x White
Sxl	Spruce x Lutz
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dm	Mountain
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ac	Balsam Poplar
Act	Black Cottonwood
Ax	Trembling Aspen
Ep	Trembling Aspen
B	BIRB/TUE
Bb	Birch
Bp	BIRCH
Bpa	Alaska Paper Birch
Bpx	Paper Birch x Birch hybrid
Bpc	Paper Birch (white)
Bg	Gray Birch
K	CASCARA
C	CHERRY
Cp	CHERRY
Cb	Bitter Cherry
Cc	Choke Cherry
Ch	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Qg	Garry Oak
Qx	Oak hybrid
Wb	Bebb's Willow
Wg	Pacific Willow
Wp	Prairie Willow (Bebb's?)
Wr	Rocky Mtn Willow (Bebb's?)
Wx	Willow hybrid
W	Sitka Willow (low leaved)

UNKNOWN / OTHER

X	UNKNOWN
Xh	unknown hardwood
Xc	unknown hardwood
Z	OTHER (does not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

XA	APPLE
XP	ASPEN, COTTONWOOD or POPLAR
Act	Southern Cottonwood
Ai	BIRCH
Ag	Himalayan Birch
Ay	Silver Birch (swamp)
Ay	Yellow Birch
Ch	CHERRY
Cs	Sweet Cherry
X	CYPRESS
Xc	Monterey Cypress
Xm	Cedar
Xs	Nutkan Fir
Xp	Pacific Fir
Xm	Shasta Red Fir
Xf	Silver Fir
X	LARCH
Xl	European Larch
Xj	Japanese Larch
X	MAPLE
Xm	MAPLE
Xm	Norway Maple
Xp	Sycamore Maple
Xo	OAK
Xe	English Oak
Xw	White Oak
X	PINE, DOUGLAS
Xa	Austrian Pine
Xg	Giant Sequoia
Xe	Eastern White Pine
Xe	European Mountain Ash
Xs	Siberian Elm (southern)
Xe	Japanese Elm
Xo	Oregon Ash
Xw	White Ash
X	PINE, Scots History
Xt	Tree of Heaven
Xw	Western Hemlock
X	PINE
Pm	Monterey Pine
Pp	Red Pine
Py	Sugar Pine
Pn	Swiss Pine
Pn	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 - 28.4
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)
1	5 - 10
2	11 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 100

4d SITE INDEX

Estimated to the nearest metre referenced at 50 years breast height age. It is based on the age and height of the dominant and co-dominant trees. Site index is a function of both 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. young stands (<40yrs). It is denoted by a slash which always precedes the estimated SI. Site Index Estimated Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (for Y and I records)

NON-TREED SHRUB
- sb SHRUB - shrub with average shrub height = or > to two metres.
- st SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- hf 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-TREED MIXTURE
- bs BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOIDS - MOSSES - bryoid with mosses > 50% of the bryoid cover.
- bl BRYOIDS - LICHENS - bryoid with lichens > 50% of the bryoid cover.

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

ro	ROCK	mu	MUCK/LAT SEDIMENT
sa	BEACH	pe	PEAT
sl	BLOCKFIELD	li	LAVA BED
sc	SCREE	gl	GLACIER
ta	BURNED AREA	ol	POND or LAKE SEDIMENTS
rb	CUTBANK	mi	OPEN PIT MINE
rs	EXPOSED SOILS	wa	WORKING
gl	GLACIER		

Note: Water categories (ie. wa, ic, ri) not labelled over the current coverage.

rm	RESERVOIR MARGIN		
ra	RAILWAY SURFACE		
rs	RIVER SEDIMENTS		
ri	RIVER/STREAM		
ta	TALUS		
ti	TAILINGS		
ur	URBAN		

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
B	BARREN	NPMS	NON PRODUCTIVE MISC
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NTA	NOT TYPING AVAILABLE
L	LAKE/POND	P	PRODUCTIVE
MS	COFFEED	U	UNSPECIFIED
MU	MUCK/LAT	S	ROCK
MUL	MUCK/LAT		

SNNO	SNNO		
TIDE	TIDAL FLAT		
U	URBAN		
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SURVEYED/NOT RESTOCKED		
NTA	NOT TYPING AVAILABLE		

Line 6 - Disturbance History

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

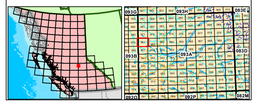
A	Animal Damage	H	Human Induced
B	Wildfire	L	Logging/Harvesting
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		

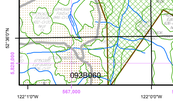
R	Reforestation		
S	Silviculture		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE left then click on "Display Silviculture Map" to turn on display values for -
OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH
WILDLIFE TREE PATCH





Overflow Labels