Vegetation Map
082K089

Scale: 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRMS / 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 support the provincial functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed 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 (SYP)
- Research Installations

TRIM_Base Features:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airstrips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric Area - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

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

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE1 DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon No. / Multilayer 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, Height class, Crown Closure class, Site Index, Site Index Species
ex: stand is age class 2 (21-40 yrs); height class 1 (0.1-10.4m); crown closure class 1 (6-10%); SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Description)
ex: a 'leAf' polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1979

Line 1 - History Record Opening Number

OGC - opening number valid for BCGS mapsheet
NOR - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

VRMS 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 4.0 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
P	PINE
Pl	Lodgepole Pine
Py	Ponderosa Pine
S	SPRUCE
Sx	Hybrid Spruce
Se	Englemann Spruce
Sw	White Spruce
Sxw	Hybrid White
Sxl	Hybrid Sub-alpine
Sea	Sub-alpine x White
Sxl	Sitka x White
Sxs	Sitka Spruce hybrid
Ss	Sitka
Te	Western Yew

NATIVE HARDWOODS

A	ALDER
Ar	Red Alder
At	Sitka Alder
Ax	Hybrid Alb Alder
Ac	ABIESIL COTTONWOOD or POPLAR
At	Aspen
Ae	Eastern Poplar
Ac	Black Cottonwood
Ab	Balsam Poplar
Ah	Hybrid Poplar
Ay	Aspen x Poplar
Ay	Aspen
Ay	Poplar
Ep	Paper Birch
Ea	Alaska Paper Birch
Epa	Alaska x Paper Birch hybrid
Ew	Water Birch (wetter)
Eb	Water Birch
K	OAK/ARB
Kg	Garry Oak
D	OGWD
H	Bitter Cherry
Hm	Mazzard Cherry
Hp	Pin Cherry
Hx	Hybrid Cherry
Hi	Pacific Dogwood (western flowering)
Hg	Dogwood
Hh	Highbush Cranberry (wayfaring tree)
Hm	Vine Maple
Hd	Vine
Qg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wa	Arctic Willow
Wb	Peachleaf Willow (Bebb's)
Wr	Scouler's Willow (Hooker)
Wy	Scouler's Willow
Wx	Hybrid Willow (low shrubs)

UNKNOWN / OTHER

X	unknown conifer
Xh	unknown hardwood
Xl	UNKNOWN (broadleaf tall)
Xs	other conifer
Xw	other hardwood

EXOTICS

Ua	APPLE
	Apple
Ax	ABIESIL COTTONWOOD or POPLAR
Fb	Balsam Fir
Fa	Subalpine Fir
Ew	Water Birch
Ewx	Birch (exotic)
Ey	Yellow Birch
	Birch
Yp	Port Orford Cedar
	Cedar
Bb	Balsam Fir
Bl	Noble Fir
Bg	Grand Fir
Bc	Amabilis Fir
	Yellow Fir
	LARCH
Lk	Tamarack (alpine)
Lw	Western Larch
	MAPLE
Mb	Big Leaf
Mv	Norway Maple
Mr	Red Flowering Maple
	OAK
Qa	Pacific Oak
Qw	White Oak
	OTHER EXOTICS
Ca	Horse Chestnut
Cs	Giant Sequoia
Cr	Coast Redwood
Ge	Common Hackberry ash
Ge	Siberian Elm (excellent)
Gf	Common Pear
Gp	Pear
Gt	White Ash
Gr	Weeping Willow
Gs	Black Locust
	Pine
Pm	Mountain Pine
Pn	Austrian Pine
Pp	Ponderosa Pine
	SPRUCE
Sn	Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-140
7	141-250
8	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 13.4
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	6 - 10
2	11 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
A	86 - 100

4d SITE INDEX

SI for dominant & the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant trees. Site index curves are species specific. Where the age and height correspond to a curve value on, or between the SI

4e. ESTIMATED SITE INDEX

SI is estimated where suitable SI trees aren't present, e.g. young stands (<30yrs). 'e' is denoted by a slash which sharps the estimated SI number (e.g. 20/e). Site trees are dominant Type Group and SI if attained/ source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (Dec'd and Up>=2m)

HF - SHRUB TREE	- shrub with average shrub height > or = to 4 metres
HS - SHRUB LOW	- shrub with average shrub height < two metres

NON-TREED HERB

H - HERB	- herb with dominant shrubs, dwarf shrubs and graminoids
HF - HERB - FORBS	- herb with forbs >50% of herb cover
HG - HERB - GRAMINOIDS	- herb with graminoids > 50% of the herb cover

NON-TREED SHRUB

S - SHRUB	- tryoid with no distinction between mosses and lichens by cover
SH - SHRUB - MOSS	- tryoid with mosses, liverwort, and lichens > 50% of the tryoid cover
SG - SHRUB - LICHENS	- tryoid with lichens > 50% of the tryoid cover

NON-VEGETATED CATEGORIES: (Dec'd and Up>=2m)

B	BARE SOIL	R	ROCK OUTCROP
W	BEACH	L	LAKE
G	BOULDERFIELD	S	SNOW
M	MORAINE	V	GLACIER
Sb	BURNED AREA	K	POND or LAKE SEDIMENTS
Sc	CLEARCUT	Z	SLIDE TRACK
E	EXPOSED SOILS		
U	GLACIER		

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST-Tasmania	NPB	NON-PRODUCTIVE-BARREN
C	CLEARCUT	NPBR	NON-PRODUCTIVE-BURN
CF	CULTIVATED FIELD	NPF	NON-PRODUCTIVE FOREST (Nonsite
G	GRASS / MAR	NPX	NO PHOTOGRAPHS MAP
H	HERB / FORB	NPW	NON-PRODUCTIVE-WATER
ICE	ICEFIELD	R	ROCK/SOILS
M	MEADOW	R	ROCK
W	WETLAND	W	WATER

NON-VEGETATED

E	Exposed Land
rs	Rock / Rubble
t	Snow / Ice

NON-FORESTED

W	WATER
WL	WETLAND
RE	RESERVOIR MARGIN
rs	RAILWAY SURFACE
rd	ROAD SURFACE
rs	ROAD SURFACE
T	TALUS
TA	TAILINGS
U	URBAN

NON-VEGETATED

SAND	SAND
SILT	SILT / FLAT
URBAN	URBAN
NC	NON COMMERCIAL
NCB	NON COMMERCIAL BRUSH
NPR	NON-PRODUCTIVE
NSR	NOT SUFFICIENTLY RESTOCKED
NTA	NOT TOPROCESSABLE

Line 6 - Disturbance History

Disturbance type coded is recorded by symbol, followed by a related 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	Insects & Allied Insects	N	Human Caused Injuries
D	Diseases	P	Core and Seedling Fungal Pathogens
I	Insects		

S	Site Preparation
T	Treatment Injuries
U	Undetermined
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either WIT or ArcMap. The WebFarm is available to all forest RESULTS data.

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

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
REGEN DELAY (ATTAINED) UNIT
SILVICULTURE DISTRICT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels