Vegetation Map
082M033

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 display specific information and is only one view of the information contained in the digital database. The printed map 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, 2018

MAP SYMBOLOGY

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

TRIM - Base Features:
- 4x Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainlines - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC 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 thk: 15 % hatch)
- Municipal boundary (1:1,000,000 thk1: 5x hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

	LINE DESCRIPTION
43-11	1 Silviculture symbol and Opening Number
Fd 6	2 Species Composition (Dominant Hydrologic Indicator in bold)
Fd 4 Hw 3	3 Species Composition
Fd 4 Hw 3 Cw 2	ex. this most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
70	4 Age Class (1 (0-40 yrs), 2 (41-80 yrs), 3 (81-120 yrs), 4 (121-140 yrs), 5 (141-250 yrs), 6 (251+ yrs)
M	ex. stand is age class 2 (41-80 yrs), height class 1 (0.1-10.1m), crown closure class 1 (0-10%), SI 20m
20m	5 Vegetated Density Class (or Non-Forest/Productive Description)
1	6 Crown Closure Class (or Non-Forest description between Nonveg and graminoids, shrubs less that 2m.
6	7 Disturbance History & year - ex Logged in 1976

Line 1 - History Record Opening Number

43-11 - opening number valid for BCGS mapsheet

(43-11) - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Numeric identifier for each polygon from one to nine digits

N - 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 listed 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 4.5 dated January 2009.

NATIVE CONIFERS

Ac	Alaska Red Cedar
C	CYPRESS
Cw	Western Redcedar
E	EXCLUCA FIR
Ep	Engelmann Spruce
Fdc	Coastal Douglas-Fir
Fdi	Interior Douglas-Fir
F	FIR (Balsam)
Fa	Amabilis Fir
Fb	Subalpine Fir
Fl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
J	Western Juniper
L	LARCH
La	Subalpine larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pp	Ponderosa Pine (yellow)
Pw	Western White Pine
Py	Whitebark Pine
Py	Yellow Pine
S	Black Spruce
Sa	Alaska Yellow Cedar
Se	Sitka Spruce
Sw	White Spruce
Sxl	Eggelmann x White
Sxs	Sitka x White
Sxw	Sitka x Unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Ad	Red Alder
Ag	APPLE
At	Pacific Crab Apple
Ax	ASPEN, COTTONWOOD or POPLAR
Ac	Black Cottonwood
Act	Balsam Poplar
Ae	Trembling Aspen
Ax	Aspen Poplar
At	Trembling Aspen
B	BIRCH
Bb	Resin Birch
Bg	Water Birch
Bp	Paper Birch (white)
Bpg	Paper Birch hybrid
Bw	Paper Birch (white)
Bx	Birch hybrid
D	DOGWOOD
Dn	Pacific Dogwood
Dr	Red Osier
Dw	Pacific Dogwood (western flowering)
E	ELDER
M	MAPLE
Mb	Douglas Maple (bradleaf)
Mv	Vine Maple
Ma	Broadleaf Maple
Qg	Garry Oak
Qx	Oak hybrid
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peach-leaved Willow (Bradley's)
Wy	Pussy Willow (glaucous)
Wx	Unknown Willow
Wy	Scouler's Willow (Barrow's)

UNKNOWN - OTHER

Z	UNKNOWN
Zh	unknown hardwood
Zn	unknown softwood
Z	OTHER (see notion list)
Zc	Cherry
Zh	other hardwood

EXOTICS

Ae	Norway Maple
Ax	ASPEN, COTTONWOOD or POPLAR
Bpe	European Silverbell
Bpn	Birch
Ch	Sweet Chestnut
Dy	Dawn Redwood
E	ELDER
Ys	Sweet Cherry
Yt	Yoshino Cherry
Yw	Weeping Cherry
Cr	Red Cedar
Cs	Siberian Cedar
Ce	Deodar Cedar
Cl	Incense Cedar
Fb	Balsam Fir
Fc	Corkbark Fir
Fg	Grand Fir
Fn	Noble Fir
Fs	Shasta Red Fir
Fv	Veitch Fir
Lk	Japanese Larch
Ld	European Larch
Ls	Siberian Larch
Lx	Hybrid Larch
Mr	Red Alder
Mt	Norway Maple
Mx	Unknown Maple
Oa	Oak
Oe	English Oak
Or	Red Oak
Ox	OTHER EXOTICS
Ob	Black Spruce
Oh	Giant Sequoia
Oi	Incense Cedar
Ok	European Mountain Ash
Om	Siberian Elm (southern)
Op	Scots Pine
Or	Dragon Ash
Ot	White Ash
Ow	Western Red Cherry
Oy	Chinese Elm
Pa	Austrian Pine
Pd	Red Pine
Pe	Swiss Stone Pine
Pf	Red Pine
Pj	Japanese Red Pine
Pm	Mugo Pine
Pn	Austrian Pine
Pr	Red Pine
Ps	Scots Pine
Pu	Pumpkin Ash
Pv	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	27.5 - 37.4
5	37.5 - 44.4
6	44.5 - 54.4
7	54.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

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

4d SITE INDEX

All SI curves are for dominant trees referenced at 50 years Breast Height Age. SI is based on the age and height of the tallest trees in the stand. Site index curves are specific to the biogeoclimatic ecosystem classification shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

Site index estimated for areas where plant(s) are present, e.g. young stands (<20yrs). It is denoted by a slash which shows the species for which the estimate is based. See Biogeoclimatic Type Groups and SI estimate source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (1st V and 1 qualifier)

V	VEGETATED
VH	VEGETATED - HIGH with average shrub height >1m to less than 4m
VS	VEGETATED - SHRUB LOW with average shrub height < 1m to less than 4m

NON-TREED AREAS

N	NON-TREED - herb/forb/graminoid/shrub herbs and graminoids
NB	NON-TREED - BARREN <10% of the herb cover
NG	NON-TREED - GRASS/HERB >50% of herb cover

NON-VEGETATED

N	NON-VEGETATED - bryoid with no distinction between moss and lichens by cover
Nb	NON-VEGETATED - BARREN - mineral soil, rock, rubble, gravel with trees, shrubs, herbs & wetlands <10% of the bryoid cover

NON-VEGETATED CATEGORIES (3rd V and 1 qualifier)

ae	AIRPORT	ag	GRAVEL PIT	au	MUD FLAT SEDIMENT
b	BEACH	la	LAKE	ma	RUBBLE MINE SPOILS
bl	BOULDERFIELD	lr	LAKE RIVER	o	OTHER
bm	BOMBOLLA	ll	LANDING	p	OTHER
bs	BOULDERS	m	MINE	pc	PIPELINE CROSS
bt	CUTBANK	n	POND or LAKE SEDIMENTS	r	RESERVOIR
bv	BOULDERS SOILS	rn	ROCK	rm	RESERVOIR MARGIN
bw	BLASTER	rs	ROCK SCREE	rr	RAILWAY SURFACE
				rs	ROAD SURFACE
				sb	SAND BARRES
				t	TAILINGS
				w	WETLAND

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for V, nv or nb)

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species Composition)	NPBR	NON-PRODUCTIVE BRUSH
CL	CLIFF/CLIFF FACE	NPTR	NON-PRODUCTIVE TREES
CLY	CLAY BANK	NPF	NON-PRODUCTIVE FOREST (Species Composition)
CR	CRAG/CLIFF	NTA	NO TIMBER/ANIMALS ABLE
GR	GRAVEL BIT	OB	OPEN BROWSE
M	MEADOW	P	PASTURE
R	ROCK/TALUS	SAND	SAND
Mud	MUD/FLAT	SNWP	SNOWPACK
		TIDE	TIDAL FLAT
		W	WATER
		WC	WATER/CONSERVATION
		WCM	NON COMMERCIAL BASCH
		WH	WATER/HABITAT
		WS	NOT SUITABLE/SOILS IE STOCKED
		WTA	NO TYPE/ANIMALABLE

Line 6 - Disturbance History

Disturbance type code 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	Wide Damage
C	Cone and Seed Insects	N	Non Biological Injuries
D	Disease	O	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
Data Catalogue under "Forestry". The WebView example is of the new 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
Opening ID" to turn on display values for -

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

Overflow Labels