Vegetation Map
082K040

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 / Tantalis

This map is a product 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 in this map is intended for display purposes only. Administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected for January 1, 2018

MAP SYMBOLOGY

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

TRIM - Base Features:
- 4x4 Trail Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Gulf/Mudflat/Intertid - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Glacier - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MoF 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 (1:3,000,000 fsc - 75 % hatch)
- Municipal boundary (1:3,000,000 fsc - no hatch)
- National Parks
- Fire Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- NTS/BCGS Washeet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

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LINE  DESCRIPTION
1     1 Polygon Number and Opening Number
2     2 Polygon Number and multi-layer stand indicator (L)
3     3 Species Composition
      ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock);
4     4 Age, Height, Crown Closure Class Code - separator: Site Index / estimated SI
      ex: 4 Age class 3 (41-80 years); Height class 4 (16.5 - 22.4 metres); crown closure class 5 (61-70%); SI 20m
5     5 Vegetated Gravely Class (or Non-Forest/Productive Descriptor)
      ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6     6 Disturbance History & year - ex: Logged in 1978
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Line 1 - History Record Opening Number

- opening number valid for BCGS map/year
- (N/A) - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRMS Polygon Number - ranging from one to nine digits

5. 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 entered in their order of predominance. Major first letter 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

Ce	Western Red Cedar
Y	CYPRESS
Hm	MOUNTAIN
Y	HEMLOCK FIR
F	Douglas Fir
Fd	Interior Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
H	HEMLOCK
Hw	Western Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulo Juniper
L	LARCH
Lt	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Plc	Lodgepole (coastal)
Pla	Alaska Pine (Lowan)
Pw	Western White Pine
Pxj	Pine x Juniper
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Se	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Engelmann hybrid
T	YEW
Yc	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Ep	Aspen
E	ALDER
Ea	Red Alder
Ep	Paper Birch (white)
Ew	Water Birch
Ep	ASPEN
Ac	Cascade
At	Trembling Aspen
V	Other Cherry
Vv	Choke Cherry
Vm	Pin Cherry
D	DOGWOOD
Dp	Pacific Dogwood (western flowering)
Dr	Red Osier
Dw	Rigid Poison (Ambrell)
G	OAK
Gb	Garry Oak
M	MAPLE
Mb	Bigleaf Maple
Mv	Vine Maple
Mr	Red Maple
Mt	Douglas Maple
Mb	Bigleaf Maple (Ambrell) x
Mf	Fraxinus Maple (Ambrell) x
Mm	Manitoba Maple
Mf	Oak Willow (Ambrell)

UNKNOWN - OTHER

X	unknown
Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown larch
Xo	other conifers
Zh	other hardwood

EXOTICS

Ai	Ailanthus
Ap	ASPEN, COTTONWOOD or POPLAR
Ax	ASPEN, COTTONWOOD or POPLAR hybrid
Bp	Birch
Be	European Birch
Bpe	European White Birch
Bp	*Betula Birch
Bpu	*Betula Pubescens
Ys	Sweet Cherry
Ch	Horse Chestnut
Ce	*Red Osier Cedar
Fff	Fir (Subalpine)
Bfa	*Abies Fir
Bb	*Abies Fir
Bm	*Grands Red Fir
Bn	*Noble Fir
Lk	LARCH
Ld	*Daharian Larch
Lk	*Kaempferi Larch
Mb	MAPLE
Mb	Box Elder
Mn	*Norway Maple
Mp	*Sycamore Maple
Oak	OAK
Oe	*English Oak
Or	*Horse Oak
Oc	*Chinquapin (Evergreen)
Oc	*Oriental Cedar
Oc	*Cedar Deodar
Oc	*Cedar Atlantica
Oc	European Mountain Ash
Oc	*Cedar Lebanon
Oc	Common Pear
Oj	Oregon Ash
Oj	*Ash Species
Oh	*Himalayan Hickory
Oj	Tree of Heaven
Ow	*Japanese Walnut
PINE	
Pm	*Monterey Pine
Pp	*Pine Species
Pu	*Scots Pine
SPRUCE	
Sn	*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 - 13.4
3	16.5 - 28.4
4	28.5 - 34.4
5	37.5 - 44.4
6	46.5 - 54.4
7	55.5 - 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 - 85
0	86 - 100

4d SITE INDEX

All SI surveys in the coastal area referenced at 50 years breast height age. SI is based on the age and height of the dominant and co-dominant trees. Site index curves (relating age and height) estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated, where SI has a second amount present, e.g. young stands in Kitimat, SI is denoted by a slash which always has a second amount after the slash. Site Index curves are from Site Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (1st V and I (shrub))

- W - WETLAND
- H - SHRUB TALL
- I - SHRUB LOW

- shrub with average shrub height > or = to 4 metres.
- shrub with average shrub height < less metres.

NON-TREE HERBS

- H - HERB
- W - HERB - FORBS
- Hg - HERB - GRAMINOIDS

- herb with no distinction between forbs and graminoids.
- herb with forbs > 50% of the herb cover.
- herb with graminoids > 50% of the herb cover.

NON-TREED SHRUBS

- S - SHRUB
- Sh - SHRUB HERB
- Sf - SHRUB - FORBS
- Sg - SHRUB - GRAMINOIDS

- shrub with no distinction between forbs and graminoids.
- shrub with forbs > 50% of the herb cover.
- shrub with graminoids > 50% of the herb cover.

NON-VEGETATED CATEGORIES (1st and 2 (optional))

W	WATER	A	GLACIAL ICE	m	RECENT SEDIMENT
W	BEACH	L	LAKE	mc	RUBBLE/MINE SPOILS
W	BEDROCK	R	RIVER	R	ROCK
W	BEDROCK	L	LOADING	R	OTHER
Ss	SURFACE/AREA	s	POND or LAKE SEDIMENTS	S	SNOW COVER
Sg	GRAVEL PIT	m	MINE SPOIL	W	WATER/ICE
W	EXPOSED SOILS				RIVER/STREAM
g	QUARRY				

Note: More categories (ie. Ac, m, r) can be added over 61 percent coverage.

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

A	ALPINE	NP	NONPRODUCTIVE
C	CULTIVATED FOREST-Species	NPB	NONPRODUCTIVE BARREN
C	CULTIVATED	NPBR	NONPRODUCTIVE BARREN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST Species
G	GRAVEL PIT	NPR	NON PRODUCTIVE
GR	GRAVEL PIT	O	OPEN GRASSLAND
L	LOADING	P	PRODUCTIVE
M	MEADOW	P	ASPEN
MOS	MOSS/LICHEN	P	GRASS

SAND	SAND
SAND	SAND CAY
V	VIRGIN
NC	NON COMMERCIAL
NCB	NON COMMERCIAL BRUSH
NCR	NON COMMERCIAL
NDA	NOT SUFFICIENTLY RESTOCKED
NFA	NOT FUNCTIONING/UNSATISFACTORY

Line 6 - Disturbance History

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

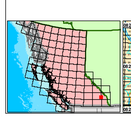
A	Animal Damage	L	Logging
B	Wildfire	M	Misc Damage
C	Insects - Boreal Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Preparation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either INFO or ArcMap. The MapView example is of Harvest-RS SILVTS data.

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

OPENING
OPENING LABELS
OPENING HISTORY & ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
MUNICIPAL/CFDB FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels