Vegetation Map
082M096

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 facilitate the legal description of Crown land in BC. Some of the information portrayed on the map is derived, is not maintained, 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
- Structure Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM - Base Features:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fairways
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric/dams - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- M.V. 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:
- NTS/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 (Douglir Fir) and Hw (Western Hemlock)
4. Age Class, Height Class and Crown Closure Class for each layer
   ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (0-10%), Sl 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

opening number valid for BCGS mapsheet — 000# - 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 listed 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 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YEW
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hmw	Mountain x Western hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetsh Juniper
L	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pine
Pli	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Plx	Lodgepole x Jack Pine hybrid
Pa	Whitebark Pine (alpine)
Pw	White Pine (strobus)
Pw	Western White Pine
Pyc	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Hybrid Spruce
Sw	White Spruce
Sxl	Spruce hybrid
Sxw	Sx(engelm.x white)
Sxs	Sx(sitka x white)
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Sitka Alder
Up	Paper Birch
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Act	Eastern Poplar
Ac	Black Cottonwood
Ae	Balsam Poplar
Ai	Trembling Aspen
R	ARBUTUS
Mb	Bigleaf Maple
E	BIRCH
Ew	Alaska Paper Birch
Ep	Paper Birch x Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	DOGWOOD
G	Cascara
Kp	Pacific Dogwood
V	Willow Cherry
Vc	Choke Cherry
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Booth's)
Ww	Farasy Willow (gray-leaved)
Wr	Scouler's Willow
Wx	Willow (sex known)

UNKNOWN OR OTHER

U	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xl	UNKNOWN (shrub or tall)
Z	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ua	Apple
	BALSAM, COTTONWOOD or POPLAR
Ad	*Northern Cottonwood
	BIRCH
Ek	*European Birch
Es	Siberian Birch (exempt)
Ey	*Yellow Birch
	CHERRY
Vs	Sweet Cherry
	CHYPRESS
Yp	*Nootka False Cedar
	FIR (Subalpine)
Bs	*Balsam Fir
Bc	*Corkbark Fir
Bn	*Grand x Noble Fir
Bi	*White Fir
	LARCH
Lk	*Dahurian Larch
Lr	*Siberian Larch
Lx	Hybrid
	MAPLE
Mr	Box Elder
Mn	*Norway Maple
Mi	*Sycamore Maple
	OAK
Qe	*English Oak
Qr	*White Oak
	OTHER EXOTICS
Ox	*Incense Cedar
Oy	*Cypress
Oc	*Coast Redwood
Ov	European Mountain Ash
Ou	*Mountain Ash (southern)
Or	Common Pear
Og	Oregon Ash
Oh	*White Ash
Oi	*Shagbark Hickory
Ol	*Black Locust
Oj	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*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 - 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)
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

SI is determined by measurements referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be determined from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<30yrs). It is derived by a stash which always precedes it. Nonestimat 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.
- w SHRUB LOW — shrub with average shrub height < two metres.

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

NON-TREED BRYOID
- by BRYOIDS — bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS — bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHEN — bryoid with lichens > 50% of the bryoid cover.

NO VEGETATED
- e Exposed Land
- r Rock / Rockbl
- n Snow / Ice

NON VEGETATED CATEGORIES (for N and I records)

ai	AIRPORT	gl	LEVEL PIT
ar	ROCK PILE	ls	LAKE SED
rk	ROCKFIELD	s	LAVA BED
br	BEDROCK	li	LANDING
ow	OPEN WATER	ds	DRAINAGE LAKE SEDIMENTS
cu	CUTBANK	op	OPEN PIT MINE
es	EXPOSED SOILS	ss	SCORIANS
gl	GLACIER		

mu	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
mi	RUBBLY MINE SPOILS	rr	RAILWAY SURFACE
oc	OCEAN	rs	RIVER SEDIMENTS
ot	OTHER	ro	ROAD SURFACE
rc	ROCK COVER	sa	SAND
re	RESERVOIR	ta	TAILINGS
		u	URBAN

Note: Water categories (ow, ou, re, rc) not labelled over 50 percent coverage.

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

AF	ALPINE FOREST	SAND	SAND
AF	ALPINE FOREST/Species	TEXT	TEXTURAL FAUNA
C	CULTIVATED	U	URBAN
CL	CLEARING		
GL	GRAVEL BAR	NC	NON COMMERCIAL
GR	GRAVEL PIT	NCBR	NON COMERCIAL BRUSH
L	LAKE	NF	NON FOREST
M	MEADOW	NPBR	NON PRODUCTIVE BRUSH
MUD	MUDFLAT	NPB	NON PRODUCTIVE BURN
		NPBU	NON PRODUCTIVE FOREST /Species
		NPA	NOT PROVINCIALLY RESTOCKED
		NPA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

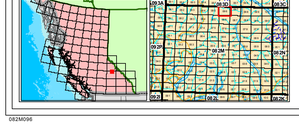
A	Animal Damage	L	Logging
B	Wildfire	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases - trees	P	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either 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 tab then click on "Display Silviculture Map" to turn on display values for :

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH



Overflow Labels