Vegetation Map
082G017

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 / Terrain

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 not to be used for navigation. Some administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised in June 2014)

Labels Projected To January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- Ice Soft Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fanes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BAY 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 (< 1:250,000 Ha) - (< 1 % hatch)
- Municipal boundary (< 1:250,000 Ha) - (no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Area
- 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
as in the most important layer is described as Fd Douglas Fir and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
a= stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (0-15%), SI 20m
5 Vegetated Density Class (or Non-Forest Productive Descriptor)
6 Disturbance History (Silviculture) Code - separator Soil Moisture and grammoids, shrubs less that 2m.
6 Disturbance History & year = ex. Logged in 1979

Line 1 - History Record Opening Number

cccc - opening number valid for BCGS mapsheet

zzzz - opening number has not been assigned

Line 2 - Polygon No. / Multi Layer

Vri polygon number - ranging from one-to-nine digits
L = Multi-layer stand where 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 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	Yellow Cedar
H	Hemlock
Hw	Western Hemlock
Fd	Douglas Fir
Fdi	Interior Douglas Fir
Fdc	Coastal Douglas Fir
B	FIR (Balsam)
Bl	Subalpine Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Amabilis Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock x Mountain Hemlock hybrid
J	JUNIPER
J	Rocky Mtn. Juniper
Jr	Western Juniper
L	LARCH
Lt	Native Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pp	Ponderosa Pine (yellow)
Pw	Shore Pine (coast)
Pa	Whitebark Pine
Pw	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sw	Engelmann Spruce
Sx	Sitka Spruce
Sxw	Sitka Spruce
Sxe	Sx x Engelmann hybrid
Sw	Engelmann White
Sxs	Sitka Spruce
Sxl	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Dm	Mountain Alder
A	ASPEN / COTTONWOOD or POPLAR
At	Aspen (Trembling)
Ac	Black COTTONWOOD or POPLAR
Ax	Hybrid Poplars
Ae	Balsam Poplar (Hairy)
E	BIRCH/TREMBLING ASPEN
Be	Birch
Ba	Alaska Paper Birch
Bp	Alaska x Paper Birch hybrid
Bpa	Paper Birch
Bw	Water Birch
E	CASCARA
Ep	Cascara
G	GINKGO
Gb	Biloba Ginkgo
H	HAWTHORN
Hx	Hybrid Hawthorn
K	KINNIKINNICK
Kb	Bearberry
M	MAPLE
Mb	Broadleaf Maple
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Wa	Pacific Willow
Wp	Pacific Willow
Wx	Feadmad Willow (Barclay's)
Wy	Scouler's Willow (Mountain)
Wr	Scouler's Willow
Wi	Sitka Willow (low-branch)

UNKNOWN / OTHER

X	UNKNOWN
Xx	unknown conifer
Xh	unknown hardwood
Xc	OTHER (tree not listed)
Xs	other conifer
Xw	other hardwood

EXOTICS

M	APPLE
Mx	Apple
Ax	ASPEN / COTTONWOOD or POPLAR
Act	"Southern Cottonwood"
Ay	Hybrid Poplars
Ep	European Birch
Ew	"Cutleaf Weeping Birch"
Y	CHERRY
Yp	Pin(Bird) Cherry
E	ERRICES
Yc	"Port Orford Cedar Lawson"
Bn	Noble Fir
Bn	Noble Fir
Bnn	Noble x Red Fir
Bn	Grand Fir
L	LARCH
Lk	"Japanese Larch
Ld	"Siberian Larch
Lkl	Hybrid
Ms	"Norway Maple
Mp	"Japanese Maple
O	OAK
Qp	"English Oak
Qr	"Red Oak"
	OTHER EXOTICS
Ch	"Horse Chestnut
Cs	"Giant Sequoia
Cr	"Coast Redwood
Ob	"Black Locust/False Ash
Ow	"Golden Elm (laurifolia)
Of	Common Pear
Oc	"Crabapple
Ob	"Mountain Ash
Od	"Shagbark Hickory
Oh	"Common Hop
Oj	"Japanese Walnut
P	PINE
Pn	"Austrian Pine
Pr	"Red Pine
Pb	"Bigtop Pine
Pn	"Austrian Pine
Ps	"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

All SI are known to the nearest metre referenced at 50 years breast height age. Where SI is estimated, it is followed by a leading symbol. When an accurate SI cannot be calculated, field age and height estimates SI to shown after, or replace, the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees are not present, e.g. recently logged, or non-forested sites. Estimates are based on previous SI trees in the same biogeoclimatic ecosystem, if available, or failing this from data base and Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sm SHRUB MEDIUM - shrub with average shrub height < two metres.

NON-TREED HERB
- hg HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb with forbs > 50% of the herb cover.
- hm HERB - GRAMINOIDS - 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 its bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of its bryoid cover.

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

ar	ALPINE	ff	FLOOD PLAIN
be	BEACH	la	LAKE
ro	ROCK	ls	LAKE SHORE
w	SEDIMENT	li	LANDING
ta	TALUS/SCREE	ss	SHORE-LAKE SEDIMENTS
ta	TALUS/SCREE	ds	DRAINAGE SEDIMENTS
es	EXPOSED SOILS	mr	MORAINE
gl	GLACIER		

mu	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
pb	PUBBLY BAND SPOILS	rb	RIVERBANK SEDIMENTS
ri	RIVER	rs	RIVERSHORE SEDIMENTS
o	OTHER	rs	RELIND SURFACE
rs	RIVERSHORE	sl	SLIDE
rb	RIVERBANK	ta	TALUS
r	RIVER / STREAM	ur	URBAN

Note: these categories (la, ls, ri, rs) are blended over the current drainage.

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

AF	ALPINE FOREST (Sparse	NPBS	NON-PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN
G	GRASS	NPL	NON-PRODUCTIVE FOREST Sparse
GR	GRAVEL BAR	NTA	NOT TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
L	LAKE	P	PASTURE
M	MEADOW	ROCK	ROCK
WAT	WATER	S	SWAMP

SAND	SAND		
TAS	TAILINGS		
U	URBAN		
NC	NON-COMMERCIAL		
NCBR	NON-COMMERCIAL BRUSH		
NF	NON-FOREST		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING AVAILABLE		

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	Broad-leaved Insects	M	Mtn Damage
D	Disease	N	Non-Biological Injuries
I	Insects	P	Core 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
Warehouse and in MapView. The MapView example is of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of Cutblock 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
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels