Vegetation Map
082E084

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 practical 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 versions June 2016.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Selective Opening # Vegetation
- Permanent Sample Plot (SYP)
- Research Installations

TRIM - Base Features:
- All-Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other Area
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainlines - ESM
- Waterbodies - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Mgt Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licences - FADM
- Land Grants boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (if > 1,000,000 ha = 10 % tick/s)
- Municipal boundary (if < 1,000,000 ha (~ no tick/s))
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- 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 (LL)
3 Species Composition
ex: 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)
ex: stand is age class 2 (21-40 yrs); height class 1 (2 - 10 m); crown closure class 1 (6-15%.); SI 20m
5 Inventory Type Code and Modifier (Narrative Description)
ex: a well productive, fully stocked, even-aged stand of trees and gramminoids, shrubs less that 2m.
6 Disturbance History - ex: Logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet

opening number has not been assigned

Line 2 - Polygon No. and Layer

VRMS Polygon Number - ranging from one to nine digits

% 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 ordered 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

Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
J	JUNIPER
Fd	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western x Western Hemlock Hybrid
L	LARCH
La	Alpine Lch (Juniper)
Lt	Tamarack
Lw	Western Larch
P	PINE
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Interior)
Pli	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Hudsonian)
Pm	Mono Pine (Japan)
Pw	Western White Pine
Pa	Whitebark Pine
Pxj	Whitebark x Limber
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxl	Spruce hybrid
Sxw	Spruce, White
Sxl	Sitka x White
Sxl	Sitka x Unknown hybrid
Ss	Sitka
Yp	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Ax	Red Alder
Ep	ASPEN, Trembling
Act	Act Cottonwood
Ax	ASPEN, COTTONWOOD or POPLAR
Ep	Aspen Poplar
Ep	Trembling Aspen
Ep	Aspen Poplar
Ax	Trembling Aspen
Ax	Poplar
Ax	Aspen
Bm	BIRCH
Bp	Paper Birch
Bpx	Paper x Paper Birch hybrid
Bpl	Paper Birch (white)
Bb	Bog Birch
D	DOGWOOD
Dp	Pacific Dogwood
Vi	CHERRY
Vi	Choke Cherry
Vi	Cherry
Vp	Pin Cherry
Vp	Bitter Cherry
Vp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Ma	Maple
Dr	Dwarf Birch
Ds	Scouler's Willow
Wi	Willow (Pacific Willow)
Wp	Pacific Willow
Wp	Pacific Willow (Salix lucida)
Wp	Pacific Willow (Lyall's Willow)
Wi	Scouler's Willow
Wi	Willow (Bebb Willow)

UNKNOWN - OTHER

Hx	HARDWOOD
Hx	Hardwood Mix
Z	OTHER (tree not on list)
Z	Unknown
Z	Unidentified

EXOTICS

Ai	Apple
Act	ASPEN, COTTONWOOD or POPLAR (exotic species)
Bpu	BIRCH
Bpu	Paper Birch (exotic)
Fp	Silver Birch (exotic)
Fp	Birch, Silver
Dw	DWARF
Ys	Sweet Cherry
Ys	Cherry, Sweet
Yo	Yoshino Cherry
Lk	FIR (Eastern)
Bk	Noble Fir
Bk	Noble Fir
Bm	*Shasta Fir
Bm	*Red Fir
Lx	LARCH
Lx	Siberian Larch
Lx	*Dahurian Larch
Lx	Tamarack
Mk	Kow Solan
Mh	*Norway Maple
Mp	*Silver Maple
Oak	
Qg	*English Oak
Qr	*Red Oak
Cx	OTHER EXOTICS
Cw	*Incense Cedar
Cw	*Western Red
Cn	*Coast Redwood
Cn	Eastern White(ex-tic)
Cn	Redwood (Dawn)
Cn	Dragon Spruce
Ah	*White Ash
Ah	Ash, White Ashbry
Ot	Tree of Heaven
Ck	Japanese Walnut
Pi	Pine
Pn	*Montana Pine
Pr	*Red Pine
Pp	*Ponderosa
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	141-200
9	200 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 13.4
3	13.5 - 22.4
4	22.5 - 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	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
10	86 - 100

4d SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. Immature stands, Alpine, Non-Forest. SI is estimated from adjacent stands & Variant Guides. Site Index values are inventory Type Group and SI estimated source code.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. Immature stands, Alpine, Non-Forest. SI is estimated from adjacent stands & Variant Guides. Site Index values are inventory Type Group and SI estimated source code.

Line 5 - Vegetation Inventory

VEGETATED NON-TREE CATEGORIES (1st 2 spaces) (no errors)

NON-TREED SHRUB

st	SHRUB TALL
sm	SHRUB MEDIUM

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

NON-TREED HERB

hf	HERBS - FORBS
hg	HERBS - 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 BRYOID

by	BRYOIDS
bm	BRYOID - MOSS
bl	BRYOID - LICHEN

- bryoid with no distinction between mosses and lichens by cover.
- bryoid with mosses, liverwrts, and hornwrts > 50% of the bryoid cover.
- bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (1st 2 spaces) (no errors)

ap	AIRPORT	
bi	BARE ICE	
br	BEDROCK	
bs	BOG/FEN/MUSKEG	
bi	BRYOID - MOSS	
cb	CLIFF/BANK/CRATER	
cu	CUTBANK	
el	EXPOSED SOILS	
ga	GLACIER	
gl	GRAVEL PIT	
ice	ICEFIELD	
ld	LANDSLIDE	
MUD	MUDFLAT	
rg	ROCK/GRAVEL	
ru	RUBBLEFIELD	
sa	SAND	
sl	SALINE	
sn	SNOWFIELD	
ta	TALUS	
wa	WATER	
wl	WETLAND	

mu	MUD/FLAT SEDIMENT
ri	RIVER BANK/ BARS/ EYOTS
rs	RIVER SEDIMENT
rr	OTHER
rc	RIVER CHANNEL COVER
rv	RIVER/DRAIN
rx	RIVER / ESTUARY

rm	RESERVOIR MARGIN
rs	RESERVOIR SEDIMENT
rr	RIVER SEDIMENT
rr	ROAD SURFACE
ta	TALUS
ta	TAILINGS
ur	URBAN

Note: Water categories (wa, ri, rv, rx) are delineated as the present drainage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTION CODES (last 4 - no errors)

AF	ALPINE FOREST
AFSP	ALPINE FOREST Species
CL	CLAY BANK
GL	GLACIAL TILL
GR	GRAVEL BAR
ICE	ICEFIELD
MUD	MUDFLAT
NCC	NOT CLAY
NFSC	NON-FOREST SOIL
NFSP	NON-FOREST SOIL SET-Species
NSG	NON-SORTED GRAVELS
NSS	NON-SORTED STONES
P	PAVED
R	RIVER
SAND	SAND

NPBR	NON-PRODUCTIVE BRUSH
NPBU	NON-PRODUCTIVE BURN
NPCL	NON-PRODUCTIVE CLEARING
NPDS	NON-PRODUCTIVE DESCRIPTION
NPFL	NON-PRODUCTIVE FLOOD
NPSD	NON-PRODUCTIVE SEEDED
NPSL	NON-PRODUCTIVE SALT
NPSW	NON-PRODUCTIVE SWAMP

TOC	TOAL CUT
TOF	TOTAL FLAT
NC	NON COMMERCIAL
NCB	NON COMMERCIAL BRUSH
NP	NON-PRODUCTIVE
NSR	NOT SATISFACTORILY RESTOCKED
NTA	NOT 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
C	Cultural	N	Non-Biological Injuries
D	Disease	P	Core and Seedling Fungal Pathogens
E	Insects	R	Site Rehabilitation
F	Fire	S	Stand Improvement
H	Harvesting	V	Drainage Unknown
		W	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of the best RESULTS data.

The Ministry of Forests, Mines and Lands web application "Mapview" is available for public access and information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :

OPENING
OPENING LABELS
SILVICULTURE TREATMENT UNIT
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FORESTY COVER
WILDLIFE TREE PATCH

Overflow Labels