Vegetation Map
082F071

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - WSMS - Ownership
Base Map Source: TRIM / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The original has been structured to facilitate the use of data by many different computer systems. The accuracy of the information contained in this product may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revision June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM, Base Features:
- Ice And Rivers
- Fresno Spruce Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Yards
- Other Lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRD Region boundary
- Resource District boundary - FADM
- MoF Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claims boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (if > 1,000,000 ha - 15 % hatch)
- Municipal boundary (if < 1,000,000 ha - no hatch)
- 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 (L)
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 - separated/ Site Index / estimated SI
ex. 7/ 4 / 3 = 101-120 yrs / 22.5 - 24.4 m / 26 - 40 % crown closure class 1 (5-15%), SI 20+
5 Vegetated Density Class (or Non-Forest/Productive Description)
ex. a fen/b polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. Logged in 1979

Line 1 - History Record Opening Number

opening number cut to WCSS mapsheet — 2016 - 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 is separated if each layer is available in the data base, (ex. 1,2)

Line 3 - BC Tree Code Line:

Species Composition - Species are labeled in their order of predominance. Major field 5/min 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	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Douglas Fir Coastal Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Hw	Hemlock Fir
Hm	Mountain Hemlock
Hmy	Mountain Hemlock Hybrid
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
Js	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (undifferentiated)
Pp	Ponderosa Pine (yellow)
Pw	White Pine (soft)
Pwa	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sa	Alaska Spruce
Se	Engelmann Spruce
Sx	Hybrid Spruce
Sw	White Spruce
Sxw	Hybrid White
Sxl	Sitka x White hybrid
Ss	Sitka Spruce
Yp	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
G	APPLE
Va	Pacific Crab Apple
At	BALSAM (not COTTONWOOD or POPLAR)
Ac	Paper
Act	Balsam Poplar
Ab	Black Cottonwood
Ae	Trembling Aspen
A	ARBUTUS
Ag	Pacific
BB	BIRCH
Ea	Alaska Paper Birch
Ew	Alaska Paper Birch x Hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
E	DOGWOOD
Eb	Black
Ef	Flowering
Vs	Bitter Cherry
Vv	Choke Cherry
Vf	Fire Cherry
Q	OAK/GARRY
Qg	Garry Oak
Qgl	Garry Oak Hybrid (western flowering)
Qw	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Mo	Other
Mg	Giant Chief
W	WILLOW
Wp	Pacific Willow
Wa	Peachleaf Willow (Bebb's)
Wr	Red Willow (Sitka Willow)
Wsp	Scouler's Willow
Wy	Yellow Willow (Hooker)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xd	unknown deciduous
Xo	OTHER (Non-Forest NP)
Xp	Pinus
Xs	other hardwood
Xt	Thuja

EXOTICS

Ye	APPLE
Yp	Paradise
Ax	ASPEN, COTTONWOOD or POPLAR
Ap	*Southern Cottonwood
Ay	Lombardy
Ae	European Birch
Eo	Other Birch (exotic)
Ed	Black Locust
Ec	Chestnut
Ef	Flowering Cherry
Y	CYPRESS
Yl	Monterey Cypress
Ym	Monterey Cedar
Fg	FIR (Exotic)
Bk	*Balsam Fir
Bn	Nordmann
Bp	Pacific Silver Fir
L	LARCH
Lk	Japanese Larch
Le	European Larch
MP	MAPLE
Mn	Norway Maple
Mr	*Rocky Mtn Maple
Mi	*Sycamore Maple
O	OAK
Oc	English Oak
Or	Red Oak
OTH	OTHER EXOTICS
Ob	Black Walnut
Oh	Giant Sequoia
Ot	*Coast Redwood
Ox	Other Exotic Broad-Leaf
Ox	Chinese Elm (Scorch)
Of	Common Fig
Oa	Tree of Heaven
Ow	Weeping Willow
Cl	Cascara
Cj	Tree-of-heaven
Cp	Common Hoptree
Ch	Hop
Pm	*Monterey Pine
Pn	Austrian Pine
Pr	*Scots Pine
SWG	Swamp Gum
Sy	Sycamore

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	13.5 - 16.4
4	16.5 - 19.4
5	19.5 - 22.4
6	22.5 - 24.4
7	24.5 - 26.4
8	26.5 - 28.4
9	28.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	5 - 15
2	16 - 25
3	26 - 40
4	41 - 60
5	61 - 75
6	76 - 90
7	91 - 100

4d SITE INDEX
Site index is the expected mean achievement at 50 years (breast height age). It is based on the age and height of the leading species. When an accurate SI cannot be calculated, but a value is required, a default value is assigned. Site index is a measure of the productivity of a site.

4e. ESTIMATED SITE INDEX
Estimated site index is the expected mean achievement at a young stands (<50yrs). It is intended for a stand which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimation source data.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES - (for V and I codes)

NON-TREES SHRUB
- s - SHRUB - shrub with average shrub height > or = to two metres.
- z - SHRUB LOW - shrub with average shrub height < two metres.

NON-TREES HERB
- h - 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-TREES MOSS
- m - MOSS - moss with no distinction between mosses and lichens by cover.
- lm - MOSS - MOSS - mixed with mosses, liverworts, and lichens > 50% of the lyr-gnd cover.
- l - LICHEN - LICHEN - lichens > 50% of the lyr-gnd cover.

NON-VEGETATED CATEGORIES (for V and I codes only)

ar - ARTIFICIAL	E - EXPOSED LAND	ms - MUDFLAT SEDIMENT
au - AURICLE	L - LAKE	ow - OCEAN WAVE SPLASH
b - BEACH	LA - LAKE	R - ROCK
bi - BIOMICRO	LG - LANGING	rd - ROAD SURFACE
bl - BIOMICRO-MEA	LS - LANGING SIDE SEGMENTS	S - SNOW
cl - CLIFFBANK	OPEN - OPEN PIT MINE	sl - SLUMP
d - DISTURBED SOILS	rw - ROWAND	W - WATER
E - EROSION		WR - RIVER / STREAM

rb - RESERVOIR BARREN
rm - RESERVOIR MARGIN
rs - RESERVOIR SURFACE
RSS - ROAD SIDESLOPES
rs - ROAD SURFACE
S - SNOW
sl - SLUMP
u - URBAN

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

A - ALPINE	MF - NON PRODUCTIVE	SAND - SAND
AF - ALPINE FOREST - Species	MFB - NON PRODUCTIVE BRUSH	SILT - SILT
C - CULTIVATED	MFD - NON PRODUCTIVE DECID	URBAN
CL - CLAY BANK	MFT - NON PRODUCTIVE FOREST (Species	
CLB - CLAY BANK	NP - NON PRODUCTIVE	NC - NON COMMERCIAL
DR - DRAINAGE	OR - ORCHARD	NCBR NON COMMERCIAL BRUSH
EA - EDEFIELD	P - PASTFIELD	NP - NONPRODUCTIVE
F - FARMED	R - ROCK	NPBR - NONPRODUCTIVE BRUSH
MUD MUDFLAT	S - SWAMP	NTC - NOT/TIMBER/AVAILABLE

Line 6 - Disturbance History

Disturbance type codes 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	Mine Damage
D	Insects and Disease	N	Non-Silvicultural Injuries
E	Overstory	P	Fire and Seedling Fungal Pathogens
I	Insects		
		S	Site Amendments
		T	Treatment Injuries
		W	Weather Damage
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either WIT or ArcMap. The Mapview example is of the last RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the OPENING_WATER_UNIT tab then click on "Display Selected Records" to turn on display values for :

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

Overflow Labels