Vegetation Map
082G063

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 a display 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 derived from various sources. Some cartographic base 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
- Silviculture Opening in Vegetation
- Permanent Sample Plot (SITE)
- Research Installations

TRIM Base Features:
- No Exist Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Islands/Rocks - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - 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 - Terrain
- Municipal boundary (> 1,000,000 ha) - 10 % hatch
- Municipal boundary (< 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 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class Code - separated by spaces
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20m
5 Vegetated Forested Polygon Class (or Non-Forest/Productive Description)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History (ex. logged in 1978)

Line 1 - History Record Opening Number

- opening number used for BCGS mapsheet
- 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 or separate description of each layer is available in the data base. (e. l. 2)

Line 3 - BC Tree Code List

Species Composition: Species are labelled in their order of predominance. Major-Not 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	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS-FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (BALSAM)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
Bp	Pacific Fir
Hm	Mountain Hemlock
H	HEMLOCK
Hxm	Western x Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
Jd	Savenas Juniper
L	LARCH
Lt	Tamarack Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pf	Limber Pine
Pa	Whitebark Pine
Pw	Lodgepole Pine (variety)
Pyp	Lodgepole Pine x Ponderosa Pine hybrid
Py	Ponderosa Pine (variety)
Pli	Limber Pine
Plw	Western White Pine
Pa	Whitebark Pine
Pj	Jack Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Su	Spruce hybrid
Sxw	Sitka x White
Sxl	Sitka x Interior
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	RED ALDER
A	ASPEN
At	Pacific Oak Aspen
Ac	BALSAM (COTTONWOOD x POPLAR)
Act	Black Cottonwood
Ae	Aspen Poplar
Ab	Balsam Poplar
Abt	Balsam Cottonwood
Ax	Hybrid Poplar
Ae	Trembling Aspen
E	BIRCH
Ep	Alaska Paper Birch
Ew	Alaska x Paper Birch hybrid
Ew	Paper Birch (all white)
Ew	Water Birch
Ec	Cherry
Ec	Cascara
G	GARRY
Gb	Garry Oak
G	Choke Cherry
H	Pin Cherry
M	MAPLE
Mb	Pacific Maple (broadleaf)
M	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wa	Scouler's Willow
Wp	Pacific Willow
Wb	Black Willow (Bentley's)
Wr	Willow (Rose type leaved)
Ws	Scouler's Willow
Wy	Willow (Yellow leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xn	Unknown conifer
Xh	Unknown hardwood
Z	OTHER (see note in list)
Zc	Cherry
Zh	other hardwood

EXOTICS

	APPLE
Ux	Apple
Act	BALSAM (COTTONWOOD x) POPLAR
Act	Southern Cottonwood
Ep	BIRCH
Ek	European Birch
Es	Silver Birch (exotic)
Ey	Swedish Birch
	CHERRY
Ys	Sweet Cherry
Yu	Cherry
Yp	Plum Cultivar Cedar
	FIR (BALSAM)
Bc	Corkbark Fir
Bn	Noble Fir
Bm	Momi Fir (A.F.x)
Bv	Veitchi Fir
	LARCH
Lk	Subalpine Larch
Ll	Siberian Larch
	PINE
Pm	Mac Stein
Pr	Norway Maple
Pn	Austrian Pine
Oak	
Qk	English Oak
Qn	Red Oak
	OTHER EXOTICS
Ox	Oriental Cedar
Ot	Tree of Heaven
Oc	Chestnut
Oa	Common Ash
Ow	Siberian Elm (southern)
Ow	Elm
Og	Oregon Ash
Oh	White Ash
Ob	Black Locust or Hickory
Oj	Tree of Heaven
Ok	Japanese Walnut
	PINE
Pn	Norway Pine
Pr	Red Pine
Pn	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 - 48.4
6	48.5 - 64.4
7	65.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	5 - 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
Site index is the height metres reference at 50 years Breast Height age. We base our age and height of the leading species. Where an accurate SI cannot be obtained from agency data estimated SI's are made. Site index is ex SI.

4e. ESTIMATED SITE INDEX
If a estimated when sample SI base aerial/present e.g. young stands in Kitimat. It is denoted by a slash behind species. Biogeoclimatic fields in the database 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
- SA - SHRUB-ALDER - shrub with average shrub height > or = to two metres.
- SW - SHRUB-LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- H - HERB - herb with no distinction between forbs and graminoids.
- HF - HERB - FORBS - herb with forbs > 50% of the herb cover.
- HG - HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MIXED
- Tp - MIXTYPE - tryoid with no distinction between mosses and others by cover.
- M - MIXED - MOSS - tryoid with mosses > 50% of the tryoid cover, 50% of the herb cover.
- MY - MIXED - LICHENS - tryoid with lichens > 50% cover.

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

ar	ARGILLIC	mu	MUD/FLAT SEDIMENT
b	BEACH	ro	RUBBLE/MINE SPOILS
b	BUCKFIELD	o	OCEAN
c	CLIFF	r	ROCK
cs	CLIFF/SCREE	rs	ROCK/SCREE
cl	CUTBANK	s	SAND
g	GLACIER	sn	SNOW COVER
l	LAKE/LAKE SEDIMENTS	w	RESERVOIR
m	MINE	wm	WATERMARK
mi	MINE - ABANDONED		

Note: Water categories ca, cs, ri, is not used in the SI project coverage.

rm	RESERVOIR MARGIN
rr	RAILWAY EARNING
rv	RIVER SEDIMENTS
sl	SALT MARSHES
t	TALUS
t	TAILINGS
u	URBAN

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

A	ALPINE
AF	ALPINE FOREST (Species
CL	CLAY BANK
CL	CLAY MINE
GR	GRASS / HERB
GR	GRAVEL PIT
M	MEADOW
MUD	MUD/FLAT
NP	NON PRODUCTIVE
NPBR	NONPRODUCTIVE BRUSH
NPF	NONPRODUCTIVE FOREST (Species
NPBG	NON-PRODUCING NON-ARABLE
OA	OPEN AREA
R	ROCK
S	SAND
S	SWAMP

SAND	SAND
TIDE	TIDAL FLAT
W	WATER
	NON-COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NCF	NON COMMERCIAL
NFL	NOT CURRENTLY 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	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	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 IMT or ArcMap. The Mapview example is of the new RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "Forest Cover" layer to display.
Silviculture filter to turn on display values for -

OPENING
OPENING LABELS
OPENING + PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WELDLAY:TREE PATCH

Overflow Labels