Vegetation Map

082L008

Scale 1:20,000

1 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 / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the provincial 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 approximations compiled from various digital sources (DRA).

Data compiled by January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Sensitive Opening / Vegetation
- Permanent Sample Plot (SYTS)
- Research Installations

TRIM - Base Features:
- Rail Both Tracks
- Forest / Resource Road Lines
- Paved Roads
- Rough Roads
- Track/Cutlines
- Railways
- Airframes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Bedframe - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- Mgt. 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 (1:1,000,000 for 1:1m to 1m/ft)
- Municipal boundary (1:1,000,000 for 1m to 1m/ft)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Map Sheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Stricture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (u)
3 Species Composition
a-c the most important 3 are described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separated. S for Index / estimated SI
5 Site Index Curve Code - Site Index Curve Number (SIBEC) and Site Index Value (1.0-99.); SI 20m
6 Vegetated Density Class (or Non Forest/Productive Description)
a, a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m
7 Disturbance History (year) - an logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS map sheet

0000 - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
b, 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 1

Species Composition Species are selected in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Codes List" version 4.9 dated January 2009.

NATIVE CONIFERS

CODE	NAME
B	BALSAM - Any Variety
C	CYPRESS
Cw	Western Redcedar
Ea	Douglas Fir
Ep	Douglas Fir
Ew	Douglas Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bm	MOUNTAIN
Bp	Subalpine Hemlock
Bw	Western Balsam
H	HEMLOCK - Any Variety
J	JUNIPER
Lt	Tamarack (Larch)
Le	Eastern (Alpine)
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine (Interior)
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (coastal)
Pw	Western White Pine
Py	Ponderosa Pine
Pyi	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Hybrid Spruce
Sxl	Hybrid Spruce - White
Sxs	Hybrid Spruce - Sitka
Sxw	Sitka x Lutz Hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

CODE	NAME
A	ALDER
Ac	Alder Sitka
Ad	ARBUTUS
At	Trembling Aspen
Ax	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Cottonwood
Ae	Aspen
At	Trembling Aspen
Ax	Poplar
B	BIRCH
Bb	Paper Birch
Bc	Western Paper Birch
Bg	Water Birch
Bp	Paper Birch
D	DOGWOOD
E	ELM
Eu	Elm Rock
G	GARRYA
H	HAWTHORN
Hx	Hawthorn (Hybrid)
K	Cascara
M	MAPLE
Mb	Broadleaf Maple
Mv	Vine Maple
O	OAK
Or	Garry Oak
W	WILLOW
Wa	Pacific Willow
Wb	Pacific Willow
Wbb	Bebb's Willow (Beaked)
Wbl	Black Willow (grey leaved)
Wp	Pacific Willow
Ww	Willow (Net Veined)

UNKNOWN - OTHER

CODE	NAME
Xc	Unknown Conifer
Xh	Unknown Hardwood
Xm	Unknown Tree (Broadleaf or Conifer)
Xn	Unknown Hardwood

EXOTICS

CODE	NAME
AP	APPLE
Ax	ASPEN, COTTONWOOD or POPLAR
Act	Black Cottonwood
Ap	Poplar
Ax	Poplar Sitch
Ay	Poplar Bolli
Yc	Sweet Cherry
Yt	Bird Cherry
Yw	Wild Black Cherry
Fd	FIR (Exotic)
Fdc	Douglas Fir
Fdi	Douglas Fir
Fdp	Douglas Fir
Bl	Subalpine Fir
Bm	Fir
Lt	Tamarack Larch
Lw	Siberian Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine
Plc	Lodgepole Pine
Pw	Western White Pine
Py	Ponderosa Pine
Pyi	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Hybrid Spruce
Sxl	Hybrid Spruce - White
Sxs	Hybrid Spruce - Sitka
Sxw	Sitka x Lutz Hybrid
Y	YEW
Yc	Sweet Cherry
Yp	Pacific Yew
Yw	Western Yew

OTHER EXOTICS

CODE	NAME
Ch	Horse Chestnut
Cn	Giant Redwood
Cnp	Giant Redwood Hybrid
Cp	Giant Redwood
Dg	Douglas Fir
Dgi	Douglas Fir
Dm	Douglas Fir
Dr	Tree of Heaven
Ds	Tree of Heaven
Hm	Hedge Maple
Hp	Hedge Maple
Pi	Red Pine
Pn	Austrian Pine
Pr	Pinaster
Sc	Monkey Sylvan

Line 4

4a. AGE CLASS

CODE	AGE (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	HEIGHT (metres)
1	1-3
2	10.5 - 19.4
3	19.5 - 25.4
4	25.5 - 31.4
5	31.5 - 37.4
6	37.5 - 43.4
7	43.5 - 49.4
8	49.5 - 54.4
9	55.5 +

4c. CROWN CLOSURE CLASS

CODE	% (percentage)
1	1 - 5
2	6 - 10
3	11 - 17
4	18 - 25
5	26 - 33
6	34 - 41
7	42 - 49
8	50 - 57
9	58 - 65
A	66 - 73
B	74 - 81
C	82 - 100

4d SITE INDEX

SI is estimated by several meter referenced at 50 years Breast Height Age. SI is based on the age and height of the tallest trees in the stand. Site index curve numbers are used to approximate height increment at various ages in relation to SI.

4e. ESTIMATED SITE INDEX

SI is estimated when access to the stand is not present, e.g. photo/VRIM/CITON. It is limited to a dash which always follows the estimated site index curve number. Site index curve and SI database sources are:

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Eg:v and l per cent)

NON FOREST

NWTB	NON-VEGETATED BARREN
NWTI	NON-VEGETATED ICE/SNOW

NON FOREST - NON-PRODUCTIVE DESCRIPTIVE CODES (No 2 records)

A	ALPINE
AF	ALPINE FIR/YET Species
CU	CULTIVATED
D	DUGOUT
G	GRASS, MAR
GP	GRASS, PAS
ICE	ICEFIELD
M	MEADOW
MU	MUSKEG
NP	NON-PRODUCTIVE
NPBR	NON-PRODUCTIVE BROWN
NPBU	NON-PRODUCTIVE BURNED
NPG	NON-PRODUCTIVE Vgrass
SCA	SCOTCHED AREA
SL	SALINE
W	WATER

NON VEGETATED CATEGORIES (Eg:d and l per cent)

AIRPORT	GRAVEL PIT
BEACH	LAKE
BUILDING	LANDING
CLEARING	LANDING SEDIMENTS
CULTIVATED	OPEN PIT MINE
DUGOUT	POND
DYKE/DIKE	ROAD

Note: Water categories (lk, ss, rv) considered over 90 per cent coverage.

NON FOREST - NON-PRODUCTIVE DESCRIPTIVE CODES (No 2 records)

NPBR	NON-PRODUCTIVE BROWN
NPBU	NON-PRODUCTIVE BURNED
NPG	NON-PRODUCTIVE Vgrass
SCA	SCOTCHED AREA
SL	SALINE
W	WATER

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to Attach table list for sub-category descriptions.

A	Animal Damage	L	Logging
C	Cutting	M	Mine Damage
D	Core and Seed Insects	N	Non-Biological Injuries
I	Diseases	P	Core and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Transverse Injuries		
V	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCOR utilizing either IMF or AcMap. The MapView example is of Harvest ROUTE data.

The Ministry of Forests, Mines and Lands web application "Silviculture Data Viewer" is used to display information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :-

OPENING NUMBER
OPENING LABELS
OPENING / PLANTING ACTIVITY
SILVICULTURE SURVEY UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels