Vegetation Map

082L043

Scale 1:20,000

1 0 0.5 0.75 1 Kilometers

0.25 0.5 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS II - 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 facilitate the display of vegetation resource features. The quality of the information reflects its original purpose and scale and may not be completely up to date. Contains administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend iterations June 2014)

Labels Projected for January 1, 2015

MAP SYMBOLOGY

Forest Inventory Features
- Forest Inventory Polygons
- Disruptive Opening in Vegetation
- Permanent Sample Plot (PSP)
- Research Installations

TRIM - Base Features
- Access Roads
- Forest Tenure Road Lines
- Paved Roads
- Gravel Roads
- Trails/Cutlines
- Railways
- 4x4 Ferries
- Other Ferries
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroline/Streams - 0.5M
- Waterbodies - 0.5M
- Wetlands - 0.5M
- Ocean - 0.5M
- Mundaried boundary (1:1,000,000 Arc - 12 % match)
- Mundaried boundary (1:1,000,000 Arc - no match)
- National Parks
- Fire Reserves
- Provincial Parks
- Provincial Forests
- Recreation Areas
- Recreation Areas

Administrative Boundaries
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV_Region Compartment - FADM
- Woodlot Licence area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrabc
- Mundaried boundary (1:1,000,000 Arc - no match)
- National Parks
- Fire Reserves
- Provincial Parks
- Provincial Forests
- Recreation Areas
- Recreation Areas

Other:
- MOSS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Structure 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 the (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
5 Vegetation Cover Code for Non-Forested Site Series - separator - Soil Moisture class 1 (S-1/Fs), S1 (Sm)
6 Vegetated Density Class (or Non-Forest/Productive Description)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m, and trees/shrubs/herbs greater than 1m in height

Line 1 - History Record Opening Number:
opening number used for RESULTS mapsheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:
VRIMS Polygon Number - assigned by one to nine digits
Multi-layered stand (L) separate description of each layer is available in the data base, i.e. 1, 2)

Line 3 - (M) Tree Code List:
Species Composition Symbols are selected in their order of predominance. Major Net Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.4 dated January 2009

NATIVE CONIFERS

CODE	NAME
Ac	Western Red Cedar
Ag	Grand Fir
Ay	Yellow Cedar
Ba	Alpine Fir (Balsam)
Bg	Grand Fir
Bl	Subalpine Fir
Bp	Alpine Fir (Balsam)
Bv	Amabilis Fir
Cw	Western Redcedar
Dr	Rocky Mountain Juniper
Ep	Pacific Silver Fir
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwk	Western Hemlock (formerly Hxm)
Lt	Tamarack
Lw	Western Larch
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coast)
Pw	Western White Pine
Py	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxl	Spruce (Hybrid)
Sxw	Engelmann x White
Sxx	Spruce (Hybrid)
Yc	Yellow Cedar
Y	Western Yew

NATIVE HARDWOODS

CODE	NAME
Ac	Black Cottonwood
Act	Black Cottonwood
Ad	Pacific Crab Apple
Ax	Black Cottonwood or Poplar
Ep	Poplar
Ew	Eastern Poplar
Mb	Bigleaf Maple
Mv	Vine Maple
Pa	Poplar
Pl	Willow
Pli	Willow
Pt	Trembling Aspen
Ra	Red Alder
Rc	Red Alder (Coastal)
Ri	Red Alder (Interior)
Vb	Black Hawthorn
Vp	Pacific Willow
Vs	Scouler's Willow (Barclay)
Vy	Peach-leaf Willow (Arctic)
Vy	Peach-leaf Willow (Arctic)
Wi	Willow (Undetermined)

EXOTICS

CODE	NAME
Ba	Alpine Fir
Bl	Subalpine Fir
Cp	Norway Spruce
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Lt	Tamarack
Lw	Western Larch
Mb	Bigleaf Maple
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coast)
Pw	Western White Pine
Py	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxl	Spruce (Hybrid)
Sxw	Engelmann x White
Sxx	Spruce (Hybrid)
Yc	Yellow Cedar
Y	Western Yew

UNKNOWN / OTHER

CODE	NAME
Ac	Black Cottonwood or Hybrid
Ax	Black Cottonwood or Poplar
Ep	Poplar
Ew	Eastern Poplar
Mb	Bigleaf Maple
Mv	Vine Maple
Pa	Poplar
Pl	Willow
Pli	Willow
Pt	Trembling Aspen
Ra	Red Alder
Rc	Red Alder (Coastal)
Ri	Red Alder (Interior)
Vb	Black Hawthorn
Vp	Pacific Willow
Vs	Scouler's Willow (Barclay)
Vy	Peach-leaf Willow (Arctic)
Wi	Willow (Undetermined)

Line 4 - Stand Structure:

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-99
5	100-120
6	121-140
7	141-250
8	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 - 25.4
7	25.5 - 28.4
8	28.5 - 31.4
9	31.5 - 34.4
10	34.5 - 37.4
11	37.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
2	0 - 5
3	6 - 10
4	11 - 15
5	16 - 20
6	21 - 25
7	26 - 30
8	31 - 35
9	36 - 40
10	41 - 45
11	46 - 50
12	51 - 55
13	56 - 60
14	61 - 65
15	66 - 70
16	71 - 75
17	76 - 80
18	81 - 100

4d. SITE INDEX
Site Index is the natural name referenced at 50 years breast height age. It is based on the age and height of the tallest trees in the stand. Site Index is estimated from age and height combined for a given site or species from a:

4e. ESTIMATED SITE INDEX
Site Index is estimated from a combination of the following elements: e.g. young stands (<30yrs) - it is backdated to a level which always has a site index value; mature stands - it is projected to a site index value. Type Mosquito ID standard source code.

Line 5 - Vegetation records:

VEGETATED NON-TREE CATEGORIES - (for 6 and 7 records)

HE	HERBS (forbs)
GR	GRASS (incl. sedges, rushes)

shrubs with dominant height < 4m in two tiers.

NON-TREED HERB

%F	FORBS - (forbs)
%G	GRAMINOIDS - (grasses)

herb with no distinction between forbs and graminoids, each with less than 10% cover of the herb cover.

NON-TREED SHRUB

%S	SHRUBS - (shrubs)

shrub with dominant lifeform mature and lichens to cover.

SHRUB - HERB

%SH	SHRUB - HERBS

shrub with increase, dominants, and herbaceous <50% of the ground cover.

NON-VEGETATED CATEGORIES - (for 6 and 7 records)

AF	AIRPORT	GL	GRAVEL PIT
AP	ALPINE	GP	GAS PLANT
BE	BEACH	GR	GRAVEL
BI	BUILDING	LA	LANDING
BM	BOARDWALK	LE	LAKE SEDIMENTS
CB	CABIN	LK	LAKE
CL	CARVED ROCK	MI	MINE
DA	DAM/DIKE	MU	MUSEUM
DI	DISTURBED	NP	NATIONAL PARK
DP	DUMP	OC	OCEAN
EX	EXPOSED LAND	OT	OTHER
FA	FARM	PA	PARK
FL	FLOODING	PO	POWERLINE
GA	GRAVEL BAR	PS	PUMP STATION
GD	GRAVEL DUG	RE	RESERVOIR
GL	GLACIER	RI	RIVER
GP	GRAVEL PIT	RO	ROAD
GR	GRAVEL	RR	RAILWAY
HO	HOSPITAL	RS	RESERVOIR SEDIMENTS
IC	ICEFIELD	SA	SEWAGE TREATMENT
IS	ISLAND	SC	SCHOOL
LA	LANDING	SE	SETTLEMENT
LE	LAKE SEDIMENTS	SG	SEWAGE LAGOON
LK	LAKE	SI	SNOW / ICE
MI	MINE	SN	SNOW
MU	MUSEUM	SO	SOLID WASTE DISPOSAL
NP	NATIONAL PARK	SP	SEWAGE TREATMENT
OC	OCEAN	SR	SEWAGE LAGOON
OT	OTHER	SS	SEWAGE TREATMENT
PA	PARK	TA	TAILINGS
PO	POWERLINE	TE	TENNIS COURT
PS	PUMP STATION	TF	TOTAL FLAT
RE	RESERVOIR	TR	TRAIL
RI	RIVER	UR	URBAN
RO	ROAD	WA	WATER
RR	RAILWAY	WH	WHARF
RS	RESERVOIR SEDIMENTS	WL	WETLAND
SA	SEWAGE TREATMENT	WO	WOODLOT
SC	SCHOOL	WT	WATER TREATMENT
SE	SETTLEMENT	YC	YARD/CAMP
SG	SEWAGE LAGOON		
SI	SNOW / ICE		
SN	SNOW		
SO	SOLID WASTE DISPOSAL		
SP	SEWAGE TREATMENT		
SR	SEWAGE LAGOON		
SS	SEWAGE TREATMENT		
TA	TAILINGS		
TE	TENNIS COURT		
TF	TOTAL FLAT		
TR	TRAIL		
UR	URBAN		
WA	WATER		
WH	WHARF		
WL	WETLAND		
WO	WOODLOT		
WT	WATER TREATMENT		
YC	YARD/CAMP		

NON-FOREST / NON-PRODUCTIVE DESCRIPTION CODES (for 7 records)

AF	ALPINE FOREST	NPBR	NON-PRODUCTIVE BRUSH
AFSP	ALPINE FOREST Species	NPBRSP	NON-PRODUCTIVE BRUSH Species
CLR	CLEAR	NPMA	NON-PRODUCTIVE MEADOW
GRSL	GRASS, BUT	NPMASP	NON-PRODUCTIVE MEADOW Species
MEAD	MEADOW	NPSL	NON-PRODUCTIVE SALT FLATS
MOSS	MOSS	NPSLSP	NON-PRODUCTIVE SALT FLATS Species
WOOD	WOODLOT	NPSP	NON-PRODUCTIVE SPARSE
		NVL	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging
D	Disease	N	Natural Damage
I	Insect and Seed Insects	O	Non-Biological Injuries
O	Diseases	P	Core and Seedling Fungal Pathogens
W	Weeds		
		B	Site Prep/Addition
		F	Fire (Wildfire)
		H	Damage Unknown
		V	Problem Vegetation

Example Opening History Details:

Opening history information is available on the BCGW utilizing either WF or AVI#ha. The AVI#ha example is of interest RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select "Forest Cover" from the "Map Display Manager/Layer Map" to turn on display values for:

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



Overflow Labels