Vegetation Map
082L004

Province of British Columbia
Ministry of Forests, Lands, and Natural Resource Operations

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 created 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 on this map is not to be used for navigation. The administrative boundaries and the Ownership colour the are for reference purposes only. Cogeneration scores June 2014

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM Base Features:
- All Built Features
- Paved Terrace Road Lines
- Paved Roads
- Rough Pavers
- Trails/Cutlines
- Railways
- All Canals
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric Lakes - ESM
- Water/Ocean - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrasis
- Municipal boundary (> 1:500,000 fac - 10 % tooth)
- Municipal boundary (< 1:500,000 fac - no tooth)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

CUT
1 2
Fd 40 3
Cw 30
Hw 30
D 20
0 4
0 5
0 6
0 7
0 8

LINE DESCRIPTION:
1. Structure symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Composition
   Fd - the most important tree is described as Fd (Douglas Fir) and the (Western Hemlock).
4. Age, Height, Crown Closure Class Code - separator. Site Index / estimated SI
   40 - 40 years old, 3 - height class (10.5 to 13.0m), crown closure class 4 (51-70%), SI 20m
5. Vegetation Polygons Class on Non-Forested/Forested Land
   ao, a herb 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 valid for BCGS map sheet
- 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 separate description of each layer is available in the data base, i.e. 1, 2)

Line 3 - BC Tree Code List:
Species Composition Symbols are labeled 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 4.5 dated January 2004

NATIVE CONIFERS

C	CEDAR
Cr	Cypress Red Cedar
Cy	CYPRESS
E	ENGELMANN SPRUCE
F	DOUGLAS FIR
Fd	Coastal Fir
Fdi	Interior Douglas Fir
Hw	HEMLOCK
Hm	Mountain Fir
Lw	LARCH
P	Subalpine Fir (alpine)
Pl	PINE
Pli	Rocky Mountain Horkelia
Plw	Western Hemlock
Sb	Black Spruce (Hawkes Hemlock hybrid
Sw	SPRUCE
Ss	Sitka Spruce
Sx	Interior Spruce
T	Tamarack
Ty	Pacific Yew
Y	YEW

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	ARTUS
Act	Black Cottonwood
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ax	Black Cottonwood
Ep	Paper Birch
Ac	Trembling Aspen
Mb	Bigleaf Maple
Ma	Arbutus
Mv	Vine Maple
Ep	Alaska Paper Birch
Epl	Alaska x Paper Birch hybrid
Ew	Water Birch (Red)
Ep	Alder Sp.
Ec	CASCARA
Kc	DOGWOOD
Dp	Pacific Dogwood
Dn	Dogwood (eastern flowering)
Gs	GARRYA
Mh	Hybrid Maple (woodland)
Mv	Vine Maple
O	OAK
Or	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bentcha's)
Wy	Pacific Willow (Scouler's)
Wt	Tobacco Willow
Wx	Willow Sp. (shrub)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xd	unknown deciduous
Z	OTHER (less known tree)
Zb	Bitter Cherry
Zc	Other Hardwood

EXOTICS

AP	APPLE
Ax	ASPEN, COTTONWOOD or POPLAR
Ap	Lombardy Poplar
BI	BIRCH
Bp	European Birch
Bpu	Purple Birch (generic)
Ey	Yellow Birch
Ew	Water Birch
Ec	Exact Cherry
Ch	CHESTNUT
Ye	Pear Ornam Cherry
Ey	Yellow Birch
Bp	Birch Sp.
Bpu	Purple Birch
Ne	Nobel Fir
Fg	Grand Fir/Silver Fir
Hy	Horse Fir
Lx	LARCH
Lk	*Siberian Larch
Lt	*Tamarack Larch
M	MAPLE
Me	Box Elder
Mn	Norway Maple
Ms	*Sycamore Maple
OAK	
Oc	English Oak
Or	*Holly Oak
P	PINE, EXOTICS
Pa	*Austrian Cedar
Pc	*Corsican Pine
Pd	*Dwarf Mountain
Pe	European Mountain Ash
Pf	*Scots Pine (Finland)
Pl	Common Pine
Pm	*Mugho Pine
Pn	*White Ash
Pp	*Ponderosa Pine
Pr	*Red Maple
Pr	Japanese Walnut
Pr	Red Pine
Pw	*Monterey Pine
Pw	*Swiss Pine
Pyr	*Bigleaf Pine
Sa	Sycamore
Sn	*Norway Spruce

Line 4:

4a. AGE CLASS

CODE	AGE (in 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
251 +	

4b. HEIGHT CLASS

CODE	HEIGHT (in metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 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	% (percentage)
1	1 - 10
2	11 - 15
3	16 - 20
4	21 - 25
5	26 - 30
6	31 - 35
7	36 - 40
8	41 - 45
9	46 - 50
A	51 - 55
B	56 - 60
C	61 - 65
D	66 - 70
E	71 - 75
F	76 - 80
G	81 - 85
H	86 - 90
I	91 - 95
J	96 - 100

4d SITE INDEX
SI is the estimate of the dominant trees referenced at 50 years Breast Height age. SI is based on the age and height of the dominant trees. Site Index is used to estimate the potential timber yield and height curves used to estimate site productivity.

4e. ESTIMATED SITE INDEX
SI is estimated when existing SI does not exist present, e.g. young inventory VRIphs. It is denoted by a dash which always precedes the estimated SI value, e.g. -20. Site Index is the same as Tree Height and SI Estimated source code.

Line 5 - Vegetation records

NON-FOREST, NON-TREE CATEGORIES: (for 1 and 2 coverage)

NON-VEGETATED
- ROCK - rock with average stone height > or = to two metres.
- LRock - rock with an average stone height < two metres.

NON-TREED VEGETATION
- HERB - herb with no distinction between forbs and graminoids.
- SHRUB - SHRUBS - herb with forbs > 50% of the herb cover.
- GRASS - herb with graminoids > 50% of the herb cover.

NON-TREED WATER
- WATER - ocean, lake, river categories.
- SNOW/ICE - ocean with lesser than 10 percent coverage.

NON-FOREST, NON-PRODUCTIVE DESCRIPTOR CODES (for 5 + records)

AF	ALPINE FOREST Species	MRE	MARINE INTERTIDAL BELOW
AT	ALPINE TUNDRA	MRP	MARINE INTERTIDAL ABOVE
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST Species
CR	CROPLAND	NPL	NON PRODUCTIVE BRUSHLAND
DE	DEVELOPED	P	PASTURE
EX	EXPOSED	R	RAMP (LD)
GL	GLACIER	S	SLIDE
ROS	ROCK OUTCROP		

Line 6 - Disturbance History

Disturbance type code are 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	Insects and Seed Insects	N	Non-Forest Fill Injuries
D	Disease	P	Core and Seedling Fungal Pathogens
I	Insects		
S	Site Rehabilitation		
T	Treatment Injuries		
U	Unknown Injuries		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either WF1 or ArcMap. This MapView example is of harvest & RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Silviculture Data is found under the Forestry Silviculture Map Tip" to turn on display values for:

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

Overflow Labels