Vegetation Map
082E100

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / Ownership
Base Map Source: TRIM / NTS/BCS

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 portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only (Legend Indicates zone 2 NAD).

Labels Projected for January 1, 2018

MAP SYMBOLOGY:

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

TRIM - Base Features:
- Ak Build Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroad
- Air Ports
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Boundaries - 50M
- Watercourses - 50M
- Waterbodies - 50M
- Wetlands - 50M
- Ocean - 50M

Administrative Boundaries:
- BC Provincial Boundary
- Prov./MFO Region boundary
- Resource District boundary - FADM
- Adv. Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claims boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1:250,000 Res - 15 % tech)
- Municipal boundary (< 1:250,000 Res - no tech)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Qtrs:
- BCGS Graphical 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
as 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
as the Fd is 121 - 140 years old, 22.5 - 27.4 metres tall, and has a crown closure above 1 (6 -10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Description)
as a fertil polygon with no distinction between fir/cla and green/conifer, shrubs less that 2m.
6 Disturbance History & year - as Logged in 1979

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
"L" - for stand-level (multi-layered) description of each layer is available in the data base, i.e. 1,2,)

Line 3 - BC Tree Code List

Species composition codes are listed in order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C. Ministry of Forests Tree Code List" version 4.0, dated January 2009.

NATIVE CONIFERS

CC	CEDAR		
Cw	Western Red Cedar		
Yc	Yellow Cedar		
DF	DOUGLAS-FIR		
Fd	Douglas Fir		
Fdi	Interior Douglas Fir		
Fdc	Coastal Douglas Fir		
PW	PINE (Broad-Leaf)		
Pl	Lodgepole Pine		
Plc	Coastal Lodgepole Pine		
Pli	Interior Lodgepole Pine		
HEMLOCK			
Hw	Western Hemlock		
Hwi	Western Hemlock		
Hwk	Inland Western Hemlock Hybrid		
Hm	Mountain Hemlock		
Hmy	Yakutat Mtn Hemlock		
Hmm	Mountain Hemlock Hybrid		
LARCH			
La	Alpine Larch		
Lt	Tamarack		
Lw	Western Larch		
Lx	Hybrid Larch		
PINE			
Pa	Whitebark Pine		
Pf	Limber Pine		
Pl	Lodgepole Pine		
Plc	Coastal Lodgepole Pine		
Pli	Interior Lodgepole Pine		
Plx	Hybrid Lodgepole Pine		
Pm	Mountain Pine		
Pmy	Yakutat Mtn Pine		
Pw	Western White Pine		
SPRUCE			
Ba	Balsam Fir		
Bg	Engelmann Spruce		
Be	Englemann x White		
Bl	White Spruce		
Bs	Sitka Spruce		
Bw	Engelmann x White		
Sxl	Sitka x White		
Sxw	Sitka x Western Hybrid		
YEW			
Ty	Western Yew		

NATIVE HARDWOODS

A	ALDER
Af	Alaska
Ar	Red
Arc	Pacific Coast Red
Ard	Red x Sitka
Ay	Yellow
Ayc	Pacific Coast
Ayd	Yellow x Sitka
As	Subalpine Fir
At	Amabilis Fir
BIRCH	
Ep	Paper Birch
Epc	Coastal Paper Birch
Epi	Interior Paper Birch
Epk	Paper Birch hybrid
Ew	Water Birch
Ewk	Water Birch hybrid
Ey	Yellow Birch
Eyk	Yellow Birch hybrid
CW	CASCARA
Dg	Dogwood
Dr	Red Alder
Dw	Pacific Dogwood (western flowering)
MAPLE	
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
OAK	
Gb	Garry Oak
Gc	California
Gs	Pacific White
Gwo	Oregon White
Wa	Peachbud White (Bardley's)
Wap	Peachbud White (Bardley's)
Wp	Oregon White
Wt	Tan Oak (Tanoak)

UNKNOWNS

X	UNKNOWN
Xc	Unknown conifer
Xh	Unknown hardwood
Xl	Unknown Larch
Xx	other hardwood

EXOTICS

ARCA	
Ala	ALDER / COTTONWOOD or POPLAR
Ar	Red Alder
Ay	Yellow Alder
Ep	European Birch
Ew	Water Birch (Exotic)
Hl	Hickory Bark
GINKGO	
Gi	Ginkgo Family
LARCH	
Lk	Japanese Larch
PINE	
Pa	Austrian Pine
Pj	Jack Pine
Pm	Mugho Pine
Pn	Scots Pine
Pp	Ponderosa Pine
Pr	Red Pine
Pw	Western White Pine
Py	Yellow Pine
SPRUCE	
Ba	Balsam Fir
Bb	Black Spruce
Bc	Colorado Blue Spruce
Bf	European Alpine Spruce
Bi	Engelmann Spruce
Bm	Common Pear
Bn	Norway Spruce
Bo	White Ash
Bp	Siberian Spruce
Bw	White Spruce
Cb	Giant Sequoia
Cc	Cascade Chinkapin
Ch	European Hornbeam
Cl	Common Horse Chestnut
Cp	Common Pear
Cw	Western Red Cedar
Dc	White Ash
Dl	Douglas Hickory
Dm	Red Mulberry
Dp	Japanese Walnut
Dr	Red Alder
Dw	Pacific Dogwood
Ec	Black Cherry
Ep	European Birch
Es	Sitka Mountain Ash
Fa	Ash
Fg	Green Ash
Fp	Pumpkin Ash
Fr	Red Ash
Fv	Velvet Ash
Fw	White Ash
Hb	Hackberry
Hc	Hickory
Hl	Hickory Bark
Hm	Honey Locust
Hw	Western Hemlock
Hwk	Inland Western Hemlock
Jn	Black Walnut
Jr	Butternut
Jx	Walnut Hybrid
Lk	Japanese Larch
Lt	Tamarack
Lx	Hybrid Larch
Mb	Bigleaf Maple
Mn	Norway Maple
Mo	Oregon Maple
Mr	Red Maple
Ms	Silver Maple
Mv	Vine Maple
Mx	Maple Hybrid
Oa	Arbutus
Ob	Black Oak
Oc	Chestnut Oak
Oe	English Oak
Og	Garry Oak
Oh	Holly Oak
Oo	Other Oak
Or	Red Oak
Os	Sawtooth Oak
Ow	White Oak
Pa	Austrian Pine
Pb	Black Cherry
Pc	Choke Cherry
Pd	Douglas Fir
Pe	European Mountain Ash
Pf	Limber Pine
Pg	Grand Fir
Ph	Western Hemlock
Pi	Incense Cedar
Pj	Jack Pine
Pk	Alaska Yellow Cedar
Pl	Lodgepole Pine
Plc	Coastal Lodgepole Pine
Pli	Interior Lodgepole Pine
Plx	Hybrid Lodgepole Pine
Pm	Mountain Pine
Pmy	Yakutat Mtn Pine
Pn	Scots Pine
Po	Ponderosa Pine
Pp	Pacific Silver Fir
Pr	Red Pine
Ps	Sitka Spruce
Pt	Trembling Aspen
Pw	Western White Pine
Py	Yellow Pine
Pyb	Bitter Cherry
Pyc	Cherry
Pyd	Douglas Fir
Pyf	Fraser Fir
Pyg	Grand Fir
Pyh	Western Hemlock
Pyi	Incense Cedar
Pyj	Jack Pine
Pyk	Alaska Yellow Cedar
Pyl	Lodgepole Pine
Pym	Mountain Pine
Pyn	Scots Pine
Pyo	Ponderosa Pine
Pyp	Pacific Silver Fir
Pyr	Red Pine
Pys	Sitka Spruce
Pyt	Trembling Aspen
Pyw	Western White Pine
Pyy	Yellow Pine
Qg	Garry Oak
Qr	Red Oak
Qw	White Oak
Sb	Black Spruce
Sbb	Black Spruce
Sbl	Black Spruce
Sbw	Black Spruce
Sc	Colorado Blue Spruce
Se	Sitka Mountain Ash
Sf	Alpine Fir
Sg	Grand Fir
Sh	Western Hemlock
Si	Incense Cedar
Sj	Jack Pine
Sk	Alaska Yellow Cedar
Sl	Lodgepole Pine
Slc	Coastal Lodgepole Pine
Sli	Interior Lodgepole Pine
Slx	Hybrid Lodgepole Pine
Sm	Mountain Pine
Sn	Scots Pine
So	Ponderosa Pine
Sp	Pacific Silver Fir
Sr	Red Pine
Ss	Sitka Spruce
St	Trembling Aspen
Sw	Western White Pine
Sxb	Sitka x Black Spruce
Sxl	Sitka x White
Sxw	Sitka x Western Hybrid
Sy	Yellow Pine
Ta	Alpine Fir
Tb	Black Spruce
Tc	Colorado Blue Spruce
Te	Sitka Mountain Ash
Tf	Alpine Fir
Tg	Grand Fir
Th	Western Hemlock
Ti	Incense Cedar
Tj	Jack Pine
Tk	Alaska Yellow Cedar
Tl	Lodgepole Pine
Tlc	Coastal Lodgepole Pine
Tli	Interior Lodgepole Pine
Tlx	Hybrid Lodgepole Pine
Tm	Mountain Pine
Tn	Scots Pine
To	Ponderosa Pine
Tp	Pacific Silver Fir
Tr	Red Pine
Ts	Sitka Spruce
Tt	Trembling Aspen
Tw	Western White Pine
Ty	Yellow Pine
Wa	Peachbud White (Bardley's)
Wap	Peachbud White (Bardley's)
Wb	Bigleaf Maple
Wc	Cascade Chinkapin
Wd	Douglas Fir
We	European Mountain Ash
Wf	Alpine Fir
Wg	Grand Fir
Wh	Western Hemlock
Wi	Incense Cedar
Wj	Jack Pine
Wk	Alaska Yellow Cedar
Wl	Lodgepole Pine
Wlc	Coastal Lodgepole Pine
Wli	Interior Lodgepole Pine
Wlx	Hybrid Lodgepole Pine
Wm	Mountain Pine
Wn	Scots Pine
Wo	Ponderosa Pine
Wp	Pacific Silver Fir
Wr	Red Pine
Ws	Sitka Spruce
Wt	Trembling Aspen
Ww	Western White Pine
Wy	Yellow Pine
Xc	Unknown conifer
Xh	Unknown hardwood
Xl	Unknown Larch
Xx	other hardwood
Ya	Alpine Fir
Yb	Black Spruce
Yc	Colorado Blue Spruce
Ye	Sitka Mountain Ash
Yf	Alpine Fir
Yg	Grand Fir
Yh	Western Hemlock
Yi	Incense Cedar
Yj	Jack Pine
Yk	Alaska Yellow Cedar
Yl	Lodgepole Pine
Ylc	Coastal Lodgepole Pine
Yli	Interior Lodgepole Pine
Ylx	Hybrid Lodgepole Pine
Ym	Mountain Pine
Yn	Scots Pine
Yo	Ponderosa Pine
Yp	Pacific Silver Fir
Yr	Red Pine
Ys	Sitka Spruce
Yt	Trembling Aspen
Yw	Western White Pine
Yy	Yellow Pine

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	141-160
9	161+

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 16.4
3	16.5 - 22.4
4	22.5 - 27.4
5	27.5 - 32.4
6	32.5 - 37.4
7	37.5 - 42.4
8	42.5 - 47.4
9	47.5 - 52.4
0	52.5 - 57.4
A	57.5 - 62.4
B	62.5 - 64.4
C	65.5+

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 9.5
3	10 - 20
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX

SI is as shown in the stand tables referenced at BC plots
Site Index is the average height of the dominant trees at a base reference age. Where site index is not known, estimate from existing stands, biogeoclimatic ecosystem classification, or reference to site series tables or resource inv. ID

4e. ESTIMATED SITE INDEX

If a reference age is stated, SI does stand planted, e.g. SI 20 @ 50 = 20 metres at 50 years. If no reference age is stated, it is assumed that the SI is the total tree height at 50 years. Site index is estimated from existing stands, biogeoclimatic ecosystem classification, or reference to site series tables or resource inventory. Site index and estimated site index values.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and L layers):

Sl	SHRUBLAND		
Sa	SHRUB ALPINE	- shrub with average shrub height > or = two metres	
Sy	SHRUB LOW	- shrub with average shrub height < two metres	
Hg	HERBACEOUS		
Hl	HERBS - LOWER	- herb with no distinction between herbs and graminoids	
Hu	HERBS - UPPER	- herb with forbs > 50% of the herb cover	
Hy	HERBS - GRAMINOID	- herb with graminoids > 50% of the herb cover	

NON-TREED SHRUB

Sp	SHRUB - brush with no distinction between moose and timers by snow
Sm	SHRUB - MOOSE - brush with moose browse species > 50% of the brush cover
Sb	SHRUB - TIMBER - brush with timber species > 50% of the brush cover

NON-VEGETATED CATEGORIES (for V and L layers):

Ac	ANTHROPOGENIC	Mu	MUDFLAT SEDIMENT
Ar	ROCK	Rc	ROCK/TALUS STICKS
B	BOG/PEAT	Ri	RIVER
Bl	BOULDERFIELD	S	SAND
Ds	DUNE/SAND	Sl	LAKE/SLOUGH/STREAM
Ea	EXPOSED LAND	Sn	SNOW/ICE
Gl	GLACIER	Su	SURFACE WATER
Gr	GRAVEL/COBBLE	Wa	WATER

Note: these categories do not have associated leading and trailing codes.

rs	RESERVOIR WARSON
rw	RAILWAY SURFACE
s	RIVER SEDIMENTS
sa	SALT WATER
w	TALUS
wa	WATER
u	URBAN

NON-FOREST / NON-PRODUCTIVE SITE DESCRIPTOR CODES (for V and L):

AF	AGRICULTURE/FOREST Stations	NPBR	NON-PRODUCTIVE BRUSH
BE	BEACH	NPBS	NON-PRODUCTIVE BRUSH/SWAMP
CL	CUT BANK	NPT	NON-PRODUCTIVE FOREST (Species
CR	CROWN LAND	NPTA	NON-PRODUCTIVE TREES
CU	CREVICED	OC	OPEN
EE	ESKER/LD	P	PARTIALD
FL	FLOOD/LD	R	RIVER
MAR	MARSH/LD	S	SWAMP

NAND	NAND		
NC	NON-COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON-PRODUCTIVE		
NPBRS	NON-PRODUCTIVE - RESTOCKED		
NPA	NOT PHYSICALLY ACCESSIBLE		

Line 6 - Disturbance History

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

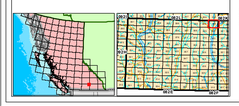
A	Animal Damage	U	Damage Unknown
B	Breakage	V	Problem Vegetation
C	Cone and Seed Insects	W	Non-Biological Injuries
D	Disease		
I	Insects		

Example Opening History Details

Detailed Silviculture information is available on the BCOR
Opening Report - Version 4.0. The Map/view example is of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPPER is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display

Select the layers to turn on/display values for:
- OPENING
- OPENING LABELS
- SILVICULTURE TREATMENT ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- WILDLIFE TREE FOREST COVER
- WILDLIFE TREE PATCH



Overflow Labels