Vegetation Map
082N062

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 / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display the vegetation resource inventory (VRI) data. The VRI data is current to the date of photography and portrayed may not be complete and up to date Cadastral, administrative 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
- Structure Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM, Base Features:
- All Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Ferries
- Cable Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- M.V. Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Surveys
- Municipal boundary (1:1,000,000 Ref. / 0.1% Notch)
- Municipal boundary (1:1,000,000 Ref. / no Notch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Wraparound Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

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LINE  DESCRIPTION
 1    1 Structure number and Opening Number
 2    2 Polygon Number and multi-layer stand indicator (U)
 3    3 Species Composition
      ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
 4    4 Age, Height, Crown Closure Class Code - separator.  Site Index / estimated SI
      ex. Age class 4 (61-80 yrs), height class 3 (10.5-16m), crown closure class 1 (6-10%), SI=20m
 5    5 Vegetated Density Class (or Non-Forest/Productive Description)
      ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
 6    6 Disturbance History & year - ex. Logged in 1978
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Line 1 - History Record Opening Number

OGR - opening number valid for BCGS map sheet DOP - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
5, - 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

Species Composition: Species 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 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YELLOW CEDAR
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)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Western Hemlock/ Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Jsc	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plci	Lodgepole x Jack Pine hybrid
Pj	Pond/scrub Pine (yellow)
Pli	Lodgepole Pine (inland)
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann/Sitka Spruce
Ss	Sitka Spruce
Sx	White Spruce
Sxl	White x Lutz Spruce
Sxw	Engelmann x White
Sxs	White x Sitka
Sxx	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Sitka Alder
At	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ba	Balsam Poplar
Act	Black Cottonwood
Ax	Hybrid Poplars
Ae	Trembling Aspen
E	BROADLEAF
Ep	Alluvial
Eq	Garry Oak
Ea	Alaska Paper Birch
Eal	Alaska x Paper Birch hybrid
Ew	Water Birch (Red Alder)
Ew	Water Birch
K	DOGWOOD
Kp	Pacific Dogwood (redstem flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
Or	Oregon Oak
W	WILLOW
Wa	Pacific Willow
Wb	Black Cottonwood (Balsam)
Wp	Park Willow (grey leaved)
Wr	Red Willow
Ws	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

AP/E	
Ae	Alpine
Ax	ASPEN, COTTONWOOD or POPLAR
Act	Black Cottonwood
Ax	Hybrid
Ep	Alluvial Birch
Ew	Water Birch (swamp)
B	FIR (Balsam)
Bg	Grand Fir
Bl	Subalpine Fir
Y	YEW
Yp	Pacific Yew
Yew	Yew sp.
Ba	Amabilis Fir
Bl	Noble Fir
Bp	Shasta Red Fir
Bn	White Fir
LA/EN	
Lt	Tamarack Larch
La	Siberian Larch
MAPLE	
Mb	Bigleaf Maple
Mv	Vine Maple
Mn	Norway Maple
Mp	Sycamore Maple
O	OAK
Oc	Chestnut Oak
Ow	White Oak
Or	Oregon Oak
Ob	Black Oak
Oq	Garry Oak
Ow	White Oak
PINE	
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pp	Pond/scrub Pine
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Interior Spruce
Sxl	White x Lutz Spruce
Sxs	White x Sitka
Sxx	Sitka x unknown hybrid
Sxw	Engelmann x White
Ye	Pacific Yew
Yew	Yew sp.

Line 4

4a AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-80
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 - 46.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 10
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 expected metre reference at 50 years. Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height estimated SI is shown with a + indicating the

4e ESTIMATED SITE INDEX

Estimated Site Index is the expected metre reference at normal present, e.g. young stands in Kootenay Region. The estimated SI is shown with a decimal which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON FOREST SHRUB
- st - SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl - SHRUB LOW - shrub with average shrub height < two metres.

NON FOREST HERB
- he - HERB
- hf - HERB - FORBS - herb with no distinction between forbs and graminoids.
- hg - HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON FOREST SHRUB/HERB
- sm - SHRUB/HERB MIX - shrub with no distinction between mosses and lichens by cover.
- hm - SHRUB/HERB MIX - hi-prod with mosses, liverworts, and hemerocks > 50% of the hi-prod cover.
- mo - MOSS - moss and lichen > 50% of the cover.

NON VEGETATED CATEGORIES (for V and I records):

ba	BARROWS	ec	EXPOSED SOIL
be	BEACH	fl	LAKE
bi	BOULDER FIELD	fm	LAKE ALGAE
br	BEDROCK	fp	LAKEBED
bu	BURNED AREA	fs	POND or LAKE SEDIMENTS
cb	CLIFF/BANK	fw	RIVER or STREAM
ds	EARTHQUAKE SCARP	gl	GLACIER
gr	GLACIER		

mc	MUD/FLAT SEDIMENT	mr	RESERVOIR MARGIN
md	RUBBLE MINE SPOILS	mt	RAILWAY SURFACE
ms	SAND	mu	ROAD SURFACE
sc	SCREE	mv	ROAD SURFACE
sn	SNOW COVER	tl	TALUS
sp	SNOW PATCH	tz	TIDAL FLATS
ri	RIVER / STREAM	ur	URBAN

Note: Water categories (ec, fl, rl, fw) normalized over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I records):

A	ALPINE	NP	NON PRODUCTIVE
AT	ALPINE TYPE/ST /Species	NPBR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST /Species
CR	CROPLAND	OC	OPEN CANOPIED
GR	GRAVEL PIT	OR	OPEN RANGE
ICE	ICEFIELD	P	HAYFIELD
M	MEADOW	R	RANGE
MUD	MUD FLAT	S	SWAMP

SAND	SAND		
SF	SILT FLAT		
U	URBAN		
TP	Third Orbital Guitar		
W	WETLAND		
Bb	Balsam Fir		
Bl	Noble Fir		
Bp	Shasta Red Fir		
Bn	White Fir		
LA/EN			
Lt	Tamarack Larch		
La	Siberian Larch		
MAPLE			
Mb	Bigleaf Maple		
Mn	Norway Maple		
Mp	Sycamore Maple		
O	OAK		
Oc	Chestnut Oak		
Ow	White Oak		
Or	Oregon Oak		
Ob	Black Oak		
Oq	Garry Oak		
Ow	White Oak		
PINE			
Pa	Whitebark Pine		
Pf	Limber Pine		
Pl	Lodgepole Pine		
Pp	Pond/scrub Pine		
Pw	Western White Pine		
Py	Ponderosa Pine		
S	SPRUCE		
Sb	Black Spruce		
Se	Engelmann Spruce		
Ss	Sitka Spruce		
Sw	White Spruce		
Sx	Interior Spruce		
Sxl	White x Lutz Spruce		
Sxs	White x Sitka		
Sxx	Sitka x unknown hybrid		
Sxw	Engelmann x White		
Ye	Pacific Yew		
Yew	Yew sp.		

MC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NPBR	NON PRODUCTIVE BRUSH/STOCKED		
NTA	NOT TYPING AREA		

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging
C	Cone Crop	N	Natural Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		

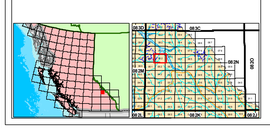
R	Site Rehabilitation		
S	Silviculture		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcExplorer. The MapView example is of treated RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

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



	82C	82D	82E	82F	82G
92P					
92I					
92H					
92G					
92B					
92A					
82O					
82N					
82K					
82J					
82C					
82B					
82A					

Overflow Labels