Vegetation Map
082E096

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 / Territab

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 revisions June 2014)

Labels Projected To January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- Air Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Planes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Lake/Reservoirs - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Tenure District boundary - FADM
- BC Parks Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Territab
- Municipal boundary (1:1,000,000 haz - no hatch)
- Municipal boundary (1:1,000,000 haz - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet 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
4 Age, Height, Crown Closure Class - separator. Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs); height class 1 (1.0 -10.4m); crown closure class 1 (6 -15%) ; SI 20m
5 Vegetated Density Class (or Non-Forest/Probable Description)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

xxx - opening number valid for BCGS mapsheet ; zzz nn - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRMS Polygon Number - ranging from one to nine digits
L 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

Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
H	HEMLOCK
Hw	Mountain Hemlock
Hm	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Dr	Rocky Mtn. Juniper
Ji	Swaside Juniper
L	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Interior)
Plg	Lodgepole x Jack Pine hybrid
Pli	Lodgepole x Limber Pine
Pm	Mtns. Pine (Limber)
Pp	Ponderosa (Yellow) Pine
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sk	Kenai Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxw	Spruce hybrid white
Sxl	Sitka x white
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	Deciduous
E	Alder
U	APPLE
Ac	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ax	Poplar
Ac	Balsam Poplar
Act	Black Cottonwood
Ah	Hybrid Poplars
At	Trembling Aspen
B	ARBUTUS
Bm	Bigleaf Maple
C	BIRCH
Ea	Alaska Paper Birch
Ep	Alaska x Paper Birch hybrid
Ex	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
E	CASCARA
Q	Cascara
G	CHERRY
Gb	Bitter Cherry
Gp	Pin Cherry
Gu	Choke Cherry
Gx	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bebb's)
Wy	Sitka Willow (Scouler's & Hooker)
Ww	Sandbar Willow
Wx	Willow Willow (exclusive)

UNKNOWN - OTHER

X	unknown
Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown tree (dead fall)
Zz	other conifer
Zz	other hardwood

EXOTICS

Ab	Abies
At	ASPEN, COTTONWOOD or POPLAR
Ax	Hybrid Cottonwood
Bx	BIRCH
Be	European Birch
Bp	Paper Birch (exotic)
By	Yellow Birch
Cx	CHERRY
Cp	Pin Cherry
D	DOUGLAS FIR
Fb	FIR (Balsam)
Fg	Grand Fir
Fl	Alpine Fir
Fw	White Fir
H	HEMLOCK
Hx	Hybrid
Lk	Dahurian Larch
Lp	Siberian Larch
Lx	LARCH
Mx	Box Elder
Mh	Norway Maple
Mr	Red Maple
Mx	MAPLE
Oa	English Oak
Ox	OAK
Ot	OTHER EXOTICS
Ow	Weeping Willow
Pa	Apricot
Pc	Crack Willow
Pe	European Mountain Ash
Pi	Common Pear
Pm	Mountain Ash
Pr	Rowan
Pu	Purple Leaf Plum
Px	Hybrid Plum
Pxc	Cherry Plum
Pxp	Pincherry
S	SPRUCE
Sa	Siberian Spruce
Sx	Hybrid Spruce
Sn	Norway Spruce
Sp	Colorado Blue Spruce
Sr	Red Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Ww	Weeping Willow
Wx	WILLOW
Xh	unknown hardwood
Xc	unknown conifer
Xl	unknown tree (dead fall)
Zz	other conifer
Zz	other hardwood

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	141-200
9	201 +

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 - 15
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
All SI estimates for the name trees referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant trees. Site index estimates are derived from site curves and height and breast height data stored within, or outside the SI

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees are not present, e.g. young stands (<30yrs). It is denoted by a stand which shows a "E" in front of the species code (i.e. E Fd). The site tree may Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Use V and 2 non-trees)

w SHRUB TALL	- shrub with average shrub height > or = to two metres.
u SHRUB LOW	- shrub with average shrub height < two metres.

NON-TREED HERB

h HERB	- herb with no distinction between forbs and graminoids.
f HERB - FORBS	- herb with forbs > 50% of the herb cover.
g HERB - GRAMINOIDS	- herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID

b BRYOID	- bryoid with no distinction between mosses and lichens by cover.
bm BRYOID - MOSS	- bryoid with mosses, liverwrts, and hornwrts > 50% of the bryoid cover.
bl BRYOID - LICHENS	- bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (Use V and 2 non-vtds)

ar AIRPORT	gr GRAVEL PIT	mu MUDFLAT SEDIMENT	rm RESERVOIR MARGIN
b BEACH	i ICE/SNOW	mv MUDFLAT VEGETATED	rr RESERVOIR WATER
br BOOKSHELD	l LAKE BED	o OCEAN	rs RIVER SEDIMENTS
be BEDROCK	l LANDING	o OTHER	w ROAD SURFACE
c CLIFF/ROCK	m MINE/LAKE SEDIMENTS	r RIVER COVER	s SAND
cb CUTBANK	mo OPEN PIT MINE	r RESERVOIR	t TAILINGS
gl GLACIER/SNOW	mr RUBBISH	rb RIVER BANK	u URBAN

Note: Water categories xx, xr, xl, do not detailed over all terrain coverages.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Use V and 2 non-vtds)

A ALPINE	MP NON-PRODUCTIVE	SAND SAND	
F FOREST FOREST-Species	MPBL NON-PRODUCTIVE BRUSH	SEA SEA FLAT	
FP FOREST	MPG NON-PRODUCTIVE GRASS	TI TIDAL	
OL CLAY BANK	MPT NON PRODUCTIVE FOREST (Species		
OR GRASS	NP NON-PRODUCTIVE	NC NON COMMERCIAL	
OR GRASS / PT	OPEN NON-PRODUCTIVE	NCBR NON COMMERCIAL BRUSH	
ICE ICEFIELD	P HAYFIELD	NP NON-PRODUCTIVE	
MUD MUD FLAT	R ROCK	NPBRUSH NON-PRODUCTIVE BRUSH	
MUD MUD FLAT	S SWAMP	WTA NO TYPING AVAILABLE	

Line 6 - Disturbance History

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

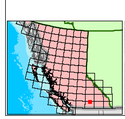
A Animal Damage	L Logging	R Site Rehabilitation	
B Birds	M Mechanical	T Treatment Injuries	
C Cone and Seed Insects	N Non-Biological Injuries	U Damage Unknown	
D Diseases	P Cone and Seedling Fungal Pathogens	V Problem Vegetation	
I Insects			

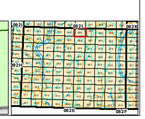
Example Opening History Details

Detailed Silviculture information is available on the BCGW through MapView Ministry. The 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. 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





082L005
082L006
082L007
082E005
082E006
082E085
082E086
082E087
082E096
ODYD
GRAYSTOKES PARK
Okanagan Shuswap Natural Resource District
14-27
14-28
14-35
24-8
24-12
24-14
74
47
55

Overflow Labels