Vegetation Map
082K032

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 // Tantalis

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. Copyright Province of BC (2014)

Labels Projected for January 1, 2015

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Nonforest Vegetation Polygons
- Permanent Sample Plot (SYSI)
- Research Installations

TRIM - Base Features:
- 4x4 Trail Routes
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Ski Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines - ESW
- Watercourses - ESW
- Waterbodies - ESW
- Wetlands - ESW
- Ocean - ESW

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RDY Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1200,000 for ~15 % hatch)
- Municipal boundary (at 1:200,000 for ~no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- NTS 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 (s)
3 Species Composition
4 Age, Height, Crown Closure Class Code - separated - Site Index = estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
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 Disturbance History & year - ex: Logged in 1978

Line 1 - history Record Opening Number

opening number is valid for BCGS mapsheet — ZZZ# — opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRMS Polygon Number - ranging from one to nine digits
X, Multi-layered stand (a separate description of each layer is available in the data base, ie. 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 4.0 dated January 2009.

NATIVE CONIFERS

Cw	Western Red Cedar
Y	CYPRESS
Hw	Hemlock
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bl	Subalpine Fir
Bg	Grand Fir
B	Subalpine Fir (alpine)
Hm	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Western Hemlock Hemlock hybrid
Hwk	Western x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sierra Juniper
L	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Hudson Bay)
Pa	Whitebark Pine
Pw	Western White Pine
Pf	Limber Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxw	Sitka x White
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	BROADLEAF
U	Red Alder
U	APPLE
Ax	Apple Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Ac	Black Cottonwood
Act	Black Cottonwood
Ax	Hybrid Poplars
Ae	Trembling Aspen
Ep	ARBUTUS
Ep	Arbutus
E	BIRCH
Ea	Paper Birch
Eap	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
Dr	CASCARA
Dc	Cascara
Ch	Chokecherry
Vs	Elder Cherry
Vv	Choke Cherry
Vu	Pin Cherry
D	DOGWOOD
Dp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Dg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpb	Pacific Willow (Barrett's)
Wsl	Sandbar Willow (sitka leaved)
Wy	Scouler's Willow
Wh	Sitka Willow (hardwood)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree some list)
Zx	other conifer
Zm	other hardwood

EXOTICS

Ue	ARVE
Ab	ASPEN, COTTONWOOD or POPLAR
Act	Western Cottonwood
Bp	BIRCH
Ea	European Birch
Ekl	Kamchatka Birchbirch
Ep	Yellow Birch
Bkl	CHESTNUT
Ch	Chestnut Variety
Y	CYPRESS
Yo	Port Orford Cedar
Yc	Cedar Variety
L	LARCH
Lk	Dahurian Larch
Lkl	Siberian Larch
Lp	MAPLE
Mk	Box Elder
Mn	Norway Maple
Mr	Sycamore Maple
Oa	OAK
Oh	English Oak
Or	White Oak
Ox	Unknown EXOTICS
Ow	Scarlet Oak
Ot	Shumard Oak
Oc	Chestnut Oak
Ow	European Mountain Ash
Ow	Siberian Elm (specimen)
Ow	Black Locust
Og	Oregon Ash
Ob	Red Oak
Ot	Thingbook Hickory
Ot	Tree of Heaven
Ow	Weeping Walnut
PINE	
Pm	Monterey Pine
Pp	Ponderosa Pine
Ps	Scots Pine
SPRUCE	
Sn	Norway Spruce

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	141-250
9	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 34.4
5	34.5 - 46.4
6	46.5 - 54.4
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 are shown to the nearest one referenced at 50 years breast height age. SI is based on the age and height of the dominant and co-dominant trees in the stand. Where the stand age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when outside SI trees are not present, e.g. non-forested polygons. SI is also estimated when site productivity is modified. Associated SI's 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-TREED SHRUB
- sa SHRUB — shrub with average shrub height > or = to two metres.
- st SHRUB LOW — shrub with average shrub height < two metres.

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

NON-TREED BRYOID
- by BRYOID — bryoid with no distinction between moose and lichens by cover.
- bm BRYOID - MOSSES — bryoid with mosses > 50% of the bryoid cover.
- bl BRYOID - LICHENS — bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gs	GRAVEL PIT
bs	BEACH	lk	LAKE
bf	BOG/FEN	ld	LANDING
bi	BIOMASS	ls	LANDING
bu	BURNS EARLY	lt	POND or LAKE SEDIMENTS
cb	CLIFF/ROCK	rd	ROAD SURFACE
es	EARLY SEISMIC	rv	RIVER, STREAM
gl	GLACIER		

Note: these categories (ie. ss, ls, rv) not labeled over 50 percent coverage.

mu	MUD/FLAT SEDIMENT	rm	RESERVOIR MARGIN
mc	RUBBLY MINE SPOILS	rr	RAILWAY SURFACE
ms	SAND	ro	ROCK OUTCROP
ot	OTHER	rp	ROAD SURFACE
ps	SNOW COVER	tc	TALUS
sp	SNOW PATCH	ta	TALUS
rv	RIVER, STREAM	ur	URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTIONS CODES (for I records)

A	ALPINE	MP	NON PRODUCTIVE
C	CULTIVATED FOREST-Species	MPB	NON PRODUCTIVE BRUSH
C	CULTIVATED	MPBL	NON PRODUCTIVE BURN
CL	CLAY BANK	MPF	NON PRODUCTIVE FOREST (Species
G	GRASS/HERB	MPL	NON PRODUCTIVE
GR	GRAVEL PIT	OR	OPEN RANGE
ICE	ICEFIELD	P	HAYFIELD
L	LAKE/RIVER	R	ROCK
MUD	MUD FLAT	S	SWAMP
			SAND, SAND
		W	WATER
		U	URBAN
		NC	NON COMMERCIAL
		NCBR	NON COMMERCIAL BRUSH
		NP	NON PRODUCTIVE
		NSR	NOT SATISFACTORILY RESTOCKED
		NYA	NOTYPING AVAILABLE

Line 6 - Disturbance History

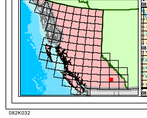
Disturbance Type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

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

Example Opening History Details

Detailed Silviculture information is available on the BCGW
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
OPENING - PLANTING UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels