092G026

Vegetation Map
092G026

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source - MFL NRO - VRM/3 / 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 and products of Ministry of Forests, Lands, and Natural Resource Operations. The information and theme boundaries are of a sub-table 1:20,000 scale. BC Cadastral administrative boundaries and the Owner/slip colour theme are for reference purposes only. Legend revisions June 2014.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Fashion's:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfl ields
- Other 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
- INV Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1,000,000 ha - 15 % hatch)
- Municipal boundary (< 1,000,000 ha) - 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:

QE 81 Fd(w) Hw 30 Hw 60 S20

LINE DESCRIPTION
1. Silviculture symbol and Opening Number
2. Species Composition (use second multi-layer stand indicator (L)
3. Species Composition
   ex. the most important layer is described as Fd (Dougla Fir) and Hw (Western Hemlock).
4. Age, Height, Crown Closure Class Code - separator - Site Index (estimated S)
   ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), S120m
5. Vegetated Density Class (or Non-Forest/Productive Descriptor)
   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

QE - opening number valid for BCGS mapsheet — none - 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 (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	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bl	Subalpine Fir (alpine)
Ba	Amabilis Fir
Bg	Grand Fir
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Pj	Rocky Mtn. Juniper
Lw	Larch, tamarack
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pine
Plc	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pp	Ponderosa Pine
Pw	White Pine (soft)
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxs	Spruce hybrid
Sxw	Englemann x White
Sxl	Spruce hybrid
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Ln	APPLE
Ja	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPULAR
Ac	Poplar
Asb	Balsam Poplar
At	Trembling Aspen
Ax	Hybrid Poplars
At	Trembling Aspen
Ep	Paper Birch
Albrubi	Alder/red
E	BIRCH
Ep	Paper Birch
Epa	Alaska x Paper Birch hybrid
Epa	Alaska x Paper Birch hybrid
Epb	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Ko	Cascara
D	DOGWOOD
Dw	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
Wa	Peachleaf Willow (Booth's)
Ww	Packy Willow (gray-leaved)
Wr	Red Willow
Wx	Sitka Willow (sw-basal)

UNKNOWN - OTHER

U	UNKNOWN
xc	unknown conifer
xh	unknown hardwood
Z	OTHER (less-not-one-list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ux	APPLE ASPEN, COTTONWOOD or POPULAR
Ae	*Southern Cottonwood
Ae	Poplar
Ea	European Birch
Ek	Silver Birch (swamp)
Ev	*Common Birch
Ys	CHERRIES *Bird Cherry *Choke Cherry
Yp	*Pin Cherry
Ye	*Wild Black Cherry
Yt	*Wild Orchard Cedar
Lt	LARCH *Siberian Larch European Larch
Um	MAPLE Box Elder
Mh	*Norway Maple
Mn	*Silver Leaf Maple
Od	OAK
Qw	*English Oak
Qr	*Red Oak
Uo	OTHER EXOTICS
Ou	*Siberian Caltar
Ou	*Chinese Elm
Ou	*Cutleaf Redbud
Ou	European Mountain Ash
Ou	*Japanese Maple(am)
Uf	Common Fig
Uy	Dragon Ash
Uc	Crab Apple
Uh	*Hedgerow Hickory
Uj	Tree of Heaven
Ok	Japanese Walnut
PINE	
Pm	*Monterey Pine
Pn	*Red Pine
Ps	*Sugar Pine
Pw	*White Pine
Sn	*Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-100
5	101-120
7	121-140
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 16.4
3	16.5 - 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

Site Index (SI) is the average tree height in metres reference at 50 years for an even-aged stand. SI is based on the age and height of the leading species. When a stand is SI corrected, it is different from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when existing SI trees cannot present, e.g. young stands (<30yrs). SI is denoted by a death which always precedes the estimated number. Refer to the data base any inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- s SHRUB - shrub with average shrub height > or = to two metres.
- a SHRUB LOW - shrub with average < 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
- b BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverworts, with moss > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichen > 50% of the bryoid cover.

NON-VEGETATED
- r ROCK
- w WATER
- s Snow / Ice

NON-VEGETATED CATEGORIES (for I records)

ap	AIRPORT	gl	GRAVEL PIT
b	BEACH	gv	GRAVEL
bl	BLOCKFIELD	h	HARBED
br	BEDROCK	l	LANDING
c	CULTIVATED AREA	ms	MINERAL SEDIMENTS
cs	CUTBANK	mw	OPEN PIT MINE
es	EXPOSED SOILS	mx	MORAINE
gl	GLACIER		

mu	MUDFLAT SEDIMENT	rz	RESERVOIR MARGIN
o	OTHER (MINE SPOILS	s	SETTLEMENT
oc	OCEAN	u	RIVER SEDIMENTS
oi	OTHER	v	ROAD SURFACE
os	OPEN TREE COVER	w	WATER
re	RESERVOIR	x	TAILINGS
r	RIVER / STREAM	y	URBAN

Note: Water categories (w, oc, re, r) could be labeled over 80 percent coverage.

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

A	ALPINE	NP	NON PRODUCTIVE
BRUSH	NON-FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPF	NON PRODUCTIVE FOREST
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GL	GRASS LAND	R	ROCK
ICE	ICEFIELD	r	HAYFIELD
M	MEADOW	S	ROCK
MUD	MUD FLAT	S	SWAMP

		SAND	SAND
		TIDE	TIDAL FLAT
		URBAN	URBAN
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING 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.

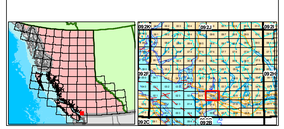
A	Animal Damage	L	Logging
B	Wildfire	M	Mtce Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seeding Fungal Pathogens
I	Insects		

R	Site Rehabilitation		
T	Treatment Injuries		
U	Cause Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of theme:s RESULTS data.

The Ministry of Forests, Mines and Land:s 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 ID
- OPENING LABEL
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH



Overflow Labels