Vegetation Map
093J091

Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / 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 display the vegetation resource inventory (VRI) data for the specific area of interest. Other features (roads, boundaries, polygons) 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 (CFS)
- Research Installations

TRIM. Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf/Helips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydr/Anth/Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RV: 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:

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 Code - separator: Site Index / estimated SI
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet — DOW - 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 dataed 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
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Grand Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Hemlock x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulor Juniper
L	LARCH
Lw	Western Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Limber Pine
Plc	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pm	Mountain Hemlock (alpine)
Pp	Shore Pine (coastal)
Pw	Western White Pine
Pxj	Jack Pine hybrid
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxe	Engelmann x White
Sxl	Sitka x Lutz
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	HARDWOOD
E	ALDER
U	APPLE
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ax	Balsam Poplar
Act	Black Cottonwood
Ac	hybrid Poplars
Ae	Trembling Aspen
R	ARBUTUS
Rm	Arbutus
C	BIRCH
Ea	Alaska Paper Birch
Exp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	CHERRY
Vm	Choke Cherry
Vv	Pin Cherry
Vp	Bitter Cherry
Dg	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bonsky's)
Ww	Scouler's Willow (gray leaved)
Wx	Scouler's Willow
Y	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

Ux	APPLE
Ae	ASPEN, COTTONWOOD or POPLAR
Ad	Southern Cottonwood
Ea	BIRCH European Birch
Ex	Asian Birch (swamp)
Ey	Yellow Birch
Vs	CHERRY Sweet Cherry
Yo	CYPRESS Hinoki False Cedar
Yp	FIR (Balsam)
Bs	Nobels Fir
Bm	Momi Fir
Bc	White Fir LARCH
Lk	Dahurian Larch
Le	Siberian Larch
Mb	MAPLE Box Elder
Mr	Norway Maple
Ms	Sycamore Maple
QA4	OAK
Qe	English Oak
Qw	White Oak
Xs	OTHER EXOTICS Incense Cedar
Ob	Monterey Cedar
Oc	Cedar Deciduous
Ou	European Mountain Ash
Os	Siberian Elm (laurifern)
Ot	Common Pear
Ox	Black Locust
Oh	White Ash
Oi	Shagbarck Hickory
Oj	Japanese Larch
Ok	Japanese Walnut
PINE	
Pb	Monterey Pine
Pm	Red Pine
Ps	Sugar Pine
Pv	Scots Pine
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 - 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	11 - 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 as the nearest metre referenced at 50 years at 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 after, or replaces the SI.

4e ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<30yrs). It is denoted by a slash 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 record's)

NON-TREED SHRUB
- sh — shrub with average shrub height > or = to two metres.
- s — 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 — BRYOIDS — bryoid with no distinction between mosses and lichens by cover.
- bm — BRYOID - MOSS — bryoid with mosses, liverworts, and hornwarts > 50% of the bryoid cover.
- bl — BRYOID - LICHEN — bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I record's)

ra	AIRPORT	gl	GRAVEL PIT	mu	MUDFLAT SEDIMENT
rb	BEACH	gr	ROCK	mr	RUBBLY MINE SPOILS
bl	BLOCKFIELD	s	LAVA BED	oc	OCEAN
br	BEDROCK	k	LANDING	oi	OTHER
rc	CULTIVATED AREA	l	LAKE SEDIMENTS	rn	SNOW/ICE COVER
rk	CUTBANK	m	OPEN PIT MINE	re	RESERVOIR
rs	EXPOSED SOILS	ra	SIDEBANK	a	RIVER / STREAM
gl	GLACIER				

Note: Water categories (la, lu, re, ri) not labelled unless > 1 ha or 5 percent coverage.

rm	RESERVOIR MARGIN
rw	RAILWAY SURFACE
rr	RIVER SEDIMENTS
rp	ROAD SURFACE
rz	TALUS
tz	TAILINGS
u	URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F record's)

AF	ALPINE FOREST	NPBC	NON PRODUCTIVE BRUSH	BAND	SAND
AT	ALPINE FOREST <5percnt	NPBR	NON PRODUCTIVE BRUSH	TZE	TIDAL FLAT
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
FP	FOREST PLANTATION	NPF	NON PRODUCTIVE FOREST <5perces		
G	GRASS, BAR	NTA	NOT TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
M	MEADOW	P	PASTURE	NCR	NON COMMERCIAL
N	NURSERY	PC	PASTURE / CROP	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

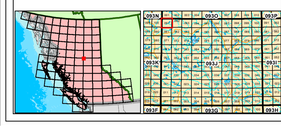
A	Animal Damage	L	Logging
B	Wildfire	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases Needle	P	Cone and Seedling Fungal Pathogens
R	Site Rehabilitation
T	Treatment Injuries
V	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed 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
WILDLIFE TREE FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels