Vegetation Map
092I050

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 1 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 data holdings 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
- Immature Opening >4 Vegetation
- Permanent Sample Plot - (1978)
- Research Installations

TRIM_Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Forest Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airstrips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeat/Barriers - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

Administrative Boundaries:
- BC Provincial Boundary
- RMLNRO Region boundary
- Resource District boundary - FADM
- BC Region Component - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:250,000 for - 10 % hatch)
- Municipal boundary (1:1,000,000 for - 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:

Ex#1 Ex#2 Ex#3 Ex#4 Ex#5 Ex#6

LINE DESCRIPTION:
1. Structure symbol and Opening Number
2. Polygon Composition and multi-layer stand indicator (L)
3. Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4. Age, Height, Crown Closure Class Code - separated by a slash - estimated BY
5. Vegetation Age (Class 2 = 41 - 80 yrs), Height (Class 4 = 22.5 - 32.5 m), crown closure class 1 (6-10%), SI 20m
6. Vegetation Cover (Class 1 = Moss/Herb/Shrub/Low Shrub/Trees)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
7. Disturbance History & year - ex: Logged in 1976

Line 1 - History Record Opening Number :

xxxx - opening number valid for BCGS mapsheet zzzzz - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer :

UNIQUE 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.
Species Codes are based on "Tree Species of British Columbia" Tree Code List" Version 4.0 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YPRESS
Yc	Yellow Cedar
H	HEMLOCK
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bla	ASA/LOA
Blb	Subalpine Balsam
Hw	Western Hemlock
Hwa	Amabilis Fir - Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mt. Juniper
Js	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pf	Limber Pine (alpine)
Pfa	Alpine Pine (coastal)
Pw	Western White Pine
Pyb	Bristlecone Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sep	Prince Rupert Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Sitka x White Spruce
Sxl	Sitka x Lutz Spruce
Sxw	Sitka x Interior hybrid
Yp	YEW
Ypw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	ATLA
Dk	Pacific Crab Apple
E	ASPEN / COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Ae	Trembling Aspen
Ah	Hybrid Poplar
Am	Black Cottonwood
K	ARBUTUS
Kp	Pacific Madrone
M	MAPLE
Mb	Bigleaf Maple
Mv	Vine Maple
R	OAK
Rg	Garry Oak
Rb	Bebb's Willow
Rc	Coastal Willow
Rd	Peachleaf Willow (Barnby's)
Rm	Pussy Willow (pink-leaved)
Rp	Prairie Willow
Rw	Bike Willow (white-leaved)

UNKNOWN - OTHER

X	UNKNOWN HARDWOOD
Xc	Unknown conifer
Z	OTHER (data not on list)
Za	Alder/Hardwood
Zh	other hardwood

EXOTICS

-	APPLE
-	Flowering Apple
UB	ASPEN, COTTONWOOD or POPLAR
Ax	Tsuchiko Cottonwood
Ay	Poplar
Ex	European Birch
Ey	Silver Birch (exempt)
Ez	Swedish Birch
-	CHERRY
-	Flowering Cherry
-	CHINESE ELM
Ui	Siberian Elm / Chinese Elm
-	BEECH
Be	Redleaf Fir
Bn	Noble Fir
Bp	Shasta Red Fir
Bu	Subalpine Fir
-	LARCH
Lk	Siberian Larch
Ls	Tamarack Larch
-	MAPLE
Mi	Norway Maple
Mr	Red Maple
Ms	Silver Maple
-	OAK
Ro	English Oak
Rr	Northern Red Oak
-	OTHER EXOTICS
Ch	Horse Chestnut
Ck	Giant Sequoia
Cp	Dawn Redwood
Ge	European Mountain Ash
Gj	Japanese Mountain Ash
Gr	Common Pear
Gg	Oregon Ash
Gp	Green Ash
Gt	Weeping Willow
Gw	Golden Willow
Ja	Japanese Walnut
-	PINE
Pa	Ponderosa Pine
Pc	Red Pine
Pn	Austrian Pine
Pr	Mugo Pine
Ps	Scots Pine

Line 4

4a. AGE CLASS

CODE	AGE (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	HEIGHT (METRES)
1	0.1 - 3.0
2	3.1 - 10.5
3	10.6 - 19.4
4	19.5 - 28.8
5	28.9 - 37.6
6	37.5 - 48.4
7	48.5 - 58.2
8	58.3 - 68.5
9	68.5 +

4c. CROWN CLOSURE CLASS

CODE	CROWN (%)
1	6 - 10
2	11 - 15
3	16 - 20
4	21 - 25
5	26 - 35
6	36 - 45
7	46 - 55
8	56 - 65
9	66 - 75
0	76 - 85
-	86 - 100

4d SITE INDEX

50 is an estimate of the expected metric reference at 50 years. Mixed Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index is a measure of site age and is commonly estimated at 50 years after a disturbance like fire.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. young stands (<50yrs). It is denoted by a slash which always follows the species code. Example: Fd/ 25 is an estimated Douglas Fir site SI of 25 estimated metres tall.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- SB - SHRUB - shrub with average shrub height > or = to two metres.
- SBE - SHRUB EVERGREEN - shrub with average shrub height > two metres.

NON-TREED HERB
- H - HERB - herb with no distinction between forbs and graminoids.
- HF - FORBS - herb with forbs > 50% of the herb cover.
- HG - HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

MIXED SHRUB/HERB
- MX - MIXED - broad with no distinction between trees and forbs by cover.
- MXGF - MIXED - GRAMINOID/FORB - mixed with trees, forbs, and graminoids > 50% of the mixed cover.
- MXFG - MIXED - FORB/GRAMINOID - mixed with trees, forbs, and graminoids > 50% of the mixed cover.

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

ae AIRPORT	gp GRAVEL PIT	mg MUD/FLAT SEDIMENT	rm RESERVOIR MARGIN
bc BEACH	i ICE	mv MUD/FLAT SEDIMENT WITH S	rs RESERVOIR SHORELINE
bl BOOM/BOOM	l LOADING	o OCEAN	s RIVER SEDIMENTS
bm BOOM/LOG RAFTS	t LANDING	oc OTHER	u ROAD SURFACE
bo BOOM/LOG	m MUD FLAT LAKE SEDIMENTS	or OTHER COVERS	w WATER
cc CUT/CHANGE	mi MINE	os OPEN PIT MINE	x TAILINGS
d DUMP	mp MUD/FLAT SEDIMENT	p PIT	z UNKNOWN
dr DUMP/ER			

Note - these categories (ie. w, m, o) not labelled over 50 percent coverage.

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

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST Species	NPBR	NON PRODUCTIVE BRUSH	SF	SALT FLAT
CU	CULTIVATED	NPBU	NON PRODUCTIVE BURN	T	TIDAL
F	FOREST Species	NPFO	NON PRODUCTIVE FOREST Species		
G	GRAVEL BAR	NTA	NOTTYPING AVAILABLE	NC	NON COMMERCIAL
GE	GLACIER ICE	R	ROCK	NF	NON FOREST LAND
GR	GRASSLAND	RI	RIPARIAN	NP	NON PRODUCTIVE
M	MEADOW	S	SWAMP	NAR	NOT SUFFICIENTLY RESTOCKED
MA	MARSH	W	WATER	WET	WETLAND/MUSKEG

Line 6 - Disturbance History :

Disturbance code entries are coded by symbol, followed by earliest date
Fires characterized simultaneously by type designations category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	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 Silvicluture information is available on the BCGW
MAPVIEW is available to view this type of detailed information.
Select the SILVICULTURE tab then click on "Display
Silviculture Information" to form on display returns for:

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

Overflow Labels