Vegetation Map
082F053

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 / Terrafix

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 contained in this map is subject to data currency, cartographic, administrative boundaries and the Ownership colour theme are for reference purposes only. Cadgen Forms June (ST4)

Labels Projected for January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM - Base Features:
- Multi-Lane Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Gulf Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric - 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 - Terrafix
- Municipal boundary (< 1:250,000 Incl - no hatch)
- Municipal boundary (> 1:250,000 Incl - 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
e.x. the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age Class, Height Class, Crown Closure Class (Site Index)
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20m
5 Vegetated Density Class (or Non-Forest Productive Descriptor)
e.x. a fern polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number :

0001 - opening number valid for BCGS mapsheet *0001* - opening number has not been assigned

Line 2 - Polygon No. / Multi-Layer

VRIMS Polygon Number - ranging from one to nine digits
A - Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1, 2)

Line 3 - BC Tree Codes List

Species codes are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Trees of B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YEW
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpina)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mt. Juniper
Js	Savanah Juniper
L	LARCH
Lw	Western Larch
La	Tamarack
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Plx	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pli	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sx	Spruce hybrid
Sxb	Sitka x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Sxw	White x
Sw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
V	MAPLE
Vm	Paper Leaf Maple
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ap	Balsam Poplar
Act	Black Cottonwood
Ae	Aspen hybrid
Ai	Trembling Aspen
R	ARBUTUS
E	BIRCH
Ep	BIRCH
Ea	Alaska Paper Birch
Ec	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
U	CHERRY
Uc	Bitter Cherry
Ue	Choke Cherry
Up	Pin Cherry
G	GARRY OAK
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (bracted)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
Wb	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpe	Pacific Willow (Bendy's)
Wf	Fascy Willow (pig leaved)
Ws	Scouler's Willow
Wy	Sitka Willow (pig leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardwood
Xc	unknown hardwood
Z	OTHER (tree not on list)
Zz	other tree
Zh	other hardwood

EXOTICS

Ai	ASPEN
Aip	Hybrid
Ax	HYBRID COTTONWOOD or POPLAR
Bp	Hybrid Cottonwood
Ep	BIRCH
Epu	European Birch
Ev	Erect Birch (swamp)
Ey	*Yellow Birch
Ew	*Water Birch
Cr	Exact Cherry
Cr	CYPRESS
Cl	Lawson's Cedar
Fd	FIR (Exterior)
Bb	*Balsam Fir
Bn	*Noble Fir
Bp	*Spanish Black Fir
Br	*Alpine Fir
Bv	*Veitch Fir
Lk	*Siberian Larch
Lp	*Siberian Larch
Ls	*Subalpine Larch
Pe	Eve Stem
Pp	*Norway Maple
Pr	*Red Norway Maple
Qm	*Mongolian Oak
Qr	*Red Oak
Qs	*White Oak
Qx	*Hybrid Oak
Sa	Siberian Cedar
Sp	*Giant Sequoia
Sr	*Redwood Sequoia
Sx	European Mountain Ash
Sx	Siberian Elm (excurbers)
Ss	*Sitka Spruce
Sy	Engelmann Spruce
Sx	*White Ash
Ta	*Common White Mulberry
Tr	Tree-of-Heaven
Ub	Japanese Walnut
Ub	Walnut
Pm	*Monterey Pine
Pr	*Red Pine
Pp	*Ponderosa Pine
S	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 - 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 is the site height of the dominant stand at 50 years breast height age. It is based on the site height of the leading species. When an accurate SI cannot be obtained from age and height data, a site class (poor, fair, good) is used.

4e ESTIMATED SITE INDEX

Estimated Site Index is a site index value derived from a young stand's (10yrs). It is developed by a stand which always presents it. Associated fields in the data base are inventory type, basal area and estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- S SHRUB - which with average shrub height < or = to two metres.
- Sc SHRUB Tall - which with average shrub height > two metres.

NON-TREED HERB
- H 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 MOSS
- Mb BRYOID - bryoid with no distinction between mosses and lichens by cover.
- Mm BRYOID - MOSS - bryoid with mosses > 50% of the bryoid cover.
- Ml BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

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

Al	ALPINE	gr	GravEL PIT
Sb	BEACH	L	LAKE
Bl	BOULDERFIELD	Ls	LANDING
W	BROWSE/CLIP	L	LANDING
Sa	BURNED AREA	a	POND or LAKE SEDIMENTS
Sb	BURNED AREA	b	POND or LAKE WATER
E	EXPOSED SOILS	Ls	LANDING
R	ROCKBIFF		Note: these categories (a, m, n, o) not tallied over 50 percent coverage.

NON-VEGETATED / NON-PRODUCTIVE DESCRIPTOR CODES (for I records):

AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE
CB	CUTBANK	NPDS	NON-PRODUCTIVE BRUSH
CF	CUTTING FOREST (Species	NPFO	NON-PRODUCTIVE FOREST (Species
G	GRASS, BAR	NPA	NOTHING AVAILABLE
IF	ICEFIELD	P	PLANTATION
ICE	ICEFIELD		eventually 2
M	MEADOW	A	ASPEN
MO	MOSSY	B	BIRCH

mo	MUDFLAT SEDIMENT	mo	RESERVOIR MARGIN
mr	RUBBLY MINE SPOILS	mr	RAILWAY SURFACE
mt	TAILINGS	mt	TAILINGS POND
o	OTHER	ro	ROAD SURFACE
sc	SNOW COVER	s	TALUS
W	STREAMS	w	WATER
wr	RIVERS / STREAMS	wr	URBAN

NC	NON COMMERCIAL		
NF	NON FOREST (Specify		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTR	NON TYPIFIABLE AREAS		

Line 6 - Disturbance History

Disturbance type codes 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	Mite Damage
C	Insects & 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 Silviculture information is available on the BCGW utilizing either WF or ArcMap. The MapView example is of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application "Map Place" can be used to view this spatial information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:
- OPENING
- OPENING LABELS
- OPENING PLANNED ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH

Overflow Labels