Vegetation Map
093F074

BRITISH COLUMBIA
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 / Terrain

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. (Legend revisions June 2014).

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Solid/non Opening or Vegetation
- Permanent Sample Plot (2YS)
- Research Installations

TRIM. Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Barriers/Rapids - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- MU 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 pt 1:250,000 for - 1% % hatch)
- Municipal boundary pt 1:250,000 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:

LINE DESCRIPTION
1 Structure symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator - Site Index (estimated SI
ex: Layer 1 is 61-80 years old, 10.5 - 19.4 metres tall, 26 - 35% crown closure class 1 (6-15%). SI 20m
5 Vegetated Cleredy 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 valid for BCGS mapsheet
zzzzz - 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 - B/C 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
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hxm	Mountain x Western hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetcrisp Juniper
L	LARCH
Lw	Western Larch
Lt	Tamarack
P	PINE
Pa	Whitebark Pine
Pl	Lodgepole Pine
Plc	Lodgepole pine (coastal)
Pli	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pf	Limber Pine (foxtail)
Pw	Western White Pine
Pyb	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sxs	Sitka x Spruce hybrid
Sxe	Engelmann x White
Sw	White Spruce
Sxl	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
V	APPLE
Vf	Pacific Crab Apple
A	BALSAM / COTTONWOOD or POPLAR
At	Trembling Aspen
Abp	Balsam Poplar
Abb	Black Cottonwood
Abi	Hybrid Poplars
At	Trembling Aspen
E	BIRCH
Ep	Paper Birch
Ea	Alaska Paper Birch
Ebi	Birch (Paper x Alaska hybrid
Ew	Birch (white)
Ew	Water Birch
Ey	Yellow Birch
K	CASCARA
V	CHERRY
Vu	Choke Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vm	Bitter Cherry
Vf	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
G	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Pacific Willow (Barclay's)
Wy	Pussy Willow (gray-leaved)
Wi	Willow (Hooker's)
Wl	Willow (low-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	cottonwood/poplar
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zh	shrub/tree
Zu	other hardwood

EXOTICS

U	APPLE
Uw	Wild Apple
	ASPEN, COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
Ae	*Aspen
Ea	European Birch
Ep	Silver Birch (exampl)
Eu	*Purple Birch
	CHERRY
Ys	Sweet Cherry
	CEDAR
Yo	*Port Orford Cedar
	FIR
Bp	*Balkan Fir
Bg	*Grand Fir
Bm	*Shasta Red Fir
Bn	*White Fir
	LARCH
Lk	*Dahurian Larch
Ld	*Siberian Larch
	PINE
Pa	Scots Pine
Pm	*Monterey Maple
Pp	*Ponderosa Pine
	OAK
Qg	*Garry Oak
Qw	*White Oak
	SPRUCE
Os	*Oriental Cedar
Ok	*Giant Sequoia
Ob	*Coast Redwood
Oa	European Mountain Ash
Ob	Siberian Elm (southern)
Oc	Chestnut
Og	Oregon Ash
Oh	Hawthorn
Ol	*Shagbarks Hickory
Oj	Japanese Elm
Oj	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Pa	*Bulgar Pine
	SPRUCE
Sn	*Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE CLASS (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 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
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	CROWN CLOSURE (percentage)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years breast height age. Where an accurate SI cannot be obtained from existing sources. When an accurate SI cannot be obtained from existing sources, a SI estimated from the Site Series will be used.

4e. ESTIMATED SITE INDEX

SI is estimated when a value for SI has not been entered, e.g. young stands (<50yrs). It is denoted by a letter which always precedes the SI value recorded in the data base and is 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 (10) - shrub with average shrub height >= 4 < 9 two metres.
- Sl 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
- b BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, hornwarts, and liverworts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for I and I records)

ai	AIRPORT	gl	GRAVEL PIT
b	BUILDING	i	ICE
bf	BUILDINGS	l	LAKE
bu	BUILT-UP	o	OTHER
bu	BURNED AREA	p	POND or LAKE SEDIMENTS
e	EXPOSED	r	ROCK BARE
es	EXPOSED SOILS	s	SNOW
gl	GLACIER		

mi	MINE	ru	RUBBLE
mp	MUD/FLAT SEDIMENT	rw	RUBBLY WIND SPOILS
o	OTHER	s	SAND
os	OTHER SOILS	sl	SLIDE
ow	OTHER WATER	ss	SNOW COVER
p	POND	st	STREAM
r	ROCK	sw	SWAMP
rs	ROCK / STREAM		

Note: Water categories (ai, ai, la, o) not labeled over 50 percent coverage.

mf	RESERVOIR MARGIN		
mi	RAILWAY SURFACE		
rd	ROAD SURFACE		
rs	ROAD SURFACE		
tl	TALUS		
w	WATER		
ur	URBAN		

NON FOREST / NON PRODUCTIVE DESCRIPTION CODES (for I records)

A	ALPINE	NP	NON PRODUCTIVE
BR	BRUSH/TREE/ Species	NPBR	NON PRODUCTIVE BRUSH
C	CUTTINGS	NPBU	NON PRODUCTIVE BURN
F	FOREST	NPFO	NON PRODUCTIVE FOREST /Species
G	GRASS BAR	NPN	NO TYPING AVAILABLE
GL	GRASS/LILY	OP	OPEN
HE	HERB/LILY	R	ROCK
M	MEADOW	S	SWAMP
MEA	MEADOW		

SAND	SAND		
SFLAT	SILT 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 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	Insects and Seed Insects	N	Non-Human Damage Injuries
D	Diseases - Insects	P	Cone and Seedling Fungal Pathogens
I	Insects		

S	Site Rehabilitation		
T	Treatment Injuries		
V	Vegetation Competition		
W	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either MAP or ArcMap. The MapView example is of the newest RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select "Forest Cover" tab then click on "Display Selections Map" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - SILVICULTURE UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

093F083 093F084 093F085 093F073 093F074 093F075 093F063 093F064 093F065

60-122 60-73 60-76 60-76 60-180 60-73 60-73

RANGE 4 COAST DISTRICT
Nadina Natural Resource District

341,000 342,000 343,000 344,000 345,000 346,000 347,000 348,000 349,000 350,000 351,000 352,000 353,000 354,000 355,000

120°24'30"W 120°23'30"W 120°22'30"W 120°21'30"W 120°20'30"W 120°19'30"W 120°18'30"W 120°17'30"W 120°16'30"W 120°15'30"W 120°14'30"W 120°13'30"W 120°12'30"W

6,347,000 6,346,000 6,345,000 6,344,000 6,343,000 6,342,000 6,341,000 6,340,000 6,339,000 6,338,000 6,337,000 6,336,000 6,335,000

Overflow Labels