Vegetation Map
103F010

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 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, 2018

MAP SYMBOLOGY

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

TRIM - Base Features:
- Au-Bush 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
- Hydrolines/Rivers - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

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 Licences - 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
- Fishcreations
- 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 Number and Opening Number
2 Species Composition and multi-layer stand indicator (L)
3 Age and Height
4 Site Index / estimated SI
5 Stocking Class / Crown Closure Class
6 Regulated Density Class or Non-Forest/Forest to Descriptor
7 Disturbance History & year - ex: L logged in 1978

Line 1 - History Record Opening Number

0001 - opening number valid for BCGS mapsheet
2001 - 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 "Tree & 2C Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

E	CEDAR
Cw	Western Red Cedar
Ce	Alaska Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Jd	Juniper sp.
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Pm	Monterey Pine (Bishop)
Pp	Ponderosa Pine (yellow)
Pq	Shore Pine (coast)
Pw	Western White Pine
Pyi	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxe	Spruce Hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Sa	Sitka Alder
Vb	Pacific Dwf. Maple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Black Cottonwood
Ac	Balsam Poplar
Ae	Trembling Aspen
B	BIRCH
Ep	Alaska Paper Birch
Epp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Er	Red Birch
C	CASCARA
Ks	Cascara
D	DOGWOOD
Vs	Stiked Cherry
Vv	Choke Cherry
Dn	Pacific Dogwood
G	GOOSEBERRY
Gr	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wq	Pacific Willow
Wa	Peachleaf Willow (Bankby's)
Wr	Red Willow (Drummond's)
Wsp	Scouler's Willow
Ww	Silky Willow (lowbrand)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardtier
Xs	unknown softwood
Z	OTHER (see notice list)
Zc	other conifer
Zh	other hardwood

EXOTICS

AP	APPLE
Ux	Apple
AT	ASPEN, COTTONWOOD or POPLAR
Act	*Northern Cottonwood
B	BIRCH
Ew	*European Birch
Ex	Silver Birch (exotic)
Ey	*Yellow Birch
Y	YEW
Yd	Spanish Cherry
C	CYPRESS
Yp	*Nootka False Cedar
F	FIR (Subalpine)
Bs	*Balsam Fir
Bn	*Noble Fir
Bm	*Shasta Red Fir
Bc	*White Fir
L	LARCH
Lr	*Dahurian Larch
Lk	*Japanese Larch
M	MAPLE
Mk	Box Elder
Mr	*Norway Maple
Mh	*Sycamore Maple
OAK	
Oe	*English Oak
Or	*White Oak
OTHER EXOTICS	
Da	*Cutleaf Weeping Birch
Dc	*Giant Sequoia
Dv	*Coast Redwood
Dm	*Monterey Cypress Ash
Dl	Siberian Elm (southern)
Df	Common Pear
Dp	*Callery Pear
Dt	*White Ash
Dl	*Weeping Willow
Dl	*Golden Willow
Dl	Japanese Walnut
PINE	
Pb	*Monterey Pine
Pm	*Red Pine
Pa	*Sugar Pine
Pn	*Swiss 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 - 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 total amount to whichever at 50 years
Note: Any species, 50 is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI should be used, or replaces the SI.

4e. ESTIMATED SITE INDEX

Site index is the total amount to whichever at 50 years when present, e.g. Fdc 4 (SI=20) or Fdc 4 (SI=20) Fdc 3 (SI=25). The SI should be a short-hill SI which precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source data.

Line 5 - Vegetation records

VEGETATED or NON-TREE CATEGORIES (for V and l records)

s	SHRUB
sl	SHRUB TALL
sl	SHRUB LOW

- shrub with average shrub height > or = to two metres.
- shrub with average shrub height < two metres.

NON-TREED HERB

he	HERB
hf	HERB - FORBS
hg	HERB - GRAMINOIDS

- herb with no distinction between forb and graminoids.
- herb with forbs > 50% of the herb cover.
- herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB

sb	SHRUB
sm	SHRUB - MOSS
sl	SHRUB - LICHENS

- brand with no distinction between mosses and lichens by cover.
- brand with mosses, liverwarts, and hornworts > 50% of the brand cover.
- brand with lichens > 50% of the brand cover.

NON-VEGETATED CATEGORIES (for V and l records)

ap	AIRPORT	gl	GRAVEL PIT	mu	MUDFLAT SEDIMENT
b	BEACH	h	HEAD	o	OPEN WATER SPILL
bl	BLOCKFIELD	l	LAVA BED	os	OCEAN
br	BEDROCK	ll	LANDING	ot	OTHER
cb	CLIFF/BANK	ms	MASSIVE SEDIMENTS	rc	ROCK COVER
cu	CUTBANK	o	OPEN PIT MINE	rs	RSSERVOIR
es	EXPOSED SOILS	mr	MORAINE	r	RIVER / STREAM
gl	GLACIER				

Note: Water categories os, ss, rs, rc not labelled over 60 percent coverage.

rm	RESERVOIR MARGIN	sand	SAND
s	SNOW PATCHES	TEC	TECH. FOAT
ss	RIVER SEDIMENTS	u	URBAN
st	ROAD SURFACE		
t	TAILINGS		
u	URBAN		

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

AF	AGRICULTURE FIELD	NPBR	NON-PRODUCTIVE BRUSH
AF	ALPINE FOREST Alpine	NPBS	NON-PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN
CL	CLEARING	NPLO	NON-PRODUCTIVE FOREST Alpine
G	GRASS/ MEA	NSA	NO TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
L	LAKE	R	ROCK
M	MEADOW	S	SAND
MUD	MUD FLAT	S	SWAMP

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NF	NON FOREST
NSR	NOT SUFFICIENTLY RESTOCKED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

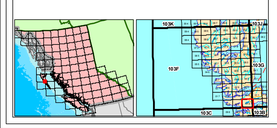
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mde Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
	Insects				

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either SIFT or ArcMap. The Mapview example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application SIFT can be accessed 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
SILVICULTURE TREATING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



Haida Gwaii Natural Resource District

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Overflow Labels