Vegetation Map
103B052

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRM/BI Ownership
Base Map Source: TRIM / Tantalis

This map is a 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 on this map is not to be used for legal descriptions or 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 Feature:
- Forest Vegetation Polygons
- Sensitive Opening in Vegetation
- Permanent Sample Plot - (SIYU)
- Research Installations

TRIM - Base Features:
- Rock Bluffs
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- 4-wd/Cutlines
- Railroads
- Air Fairies
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC 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 - 1% fr hatch)
- Municipal boundary (> 1,000,000 ha) - no fetch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- MCGS 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
a-c the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator S (tenths / estimated S):
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10 mts), crown closure class 1 (6-15%), S=20m
5 Vegetated Density Class (or Non-Forest/Productive Description)
6 Disturbance History - separator / (tenths and greenwoods, shrubs less that 2m.
6 Disturbance History 1 year - ex: Logged in 1979

Line 1 - History Record Opening Number

0123 - opening number valid for BCGS mapsheet
0000 - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

Polygon Number - ranging from one to nine digits
Multilayer Indicator - a one-character 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 Codes List" version 4.0 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YEW
Yc	Yellow Cypress
Yp	Pacific Yew
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsams)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
Hw	Western Hemlock
He	Western Hemlock
Hm	Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulorum Juniper
L	LARCH
Lt	Native Larch
Le	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plx	Lodgepole Pine hybrid
Pp	Ponderosa Pine (yellow)
Pw	Shore Pine (scrub)
Pwi	Shore Pine (interior)
Py	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sw	Engelmann Spruce
Sx	Sitka Spruce
Sxs	Sitka Spruce
Sxw	Spruce hybrid
Sxe	Engelmann x White
Sxl	Spruce hybrid
Sxl	Sitka x white/sw/x hybrid
T	
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Dm	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen (trembling)
Ac	Balsam Poplar
Ax	Hybrid Poplars
Ae	Black Cottonwood
E	ARBUTUS
Em	Arbutus
Ep	Paper Birch
Ew	Alaska Paper Birch hybrid
Ea	Alaska Birch
Ew	Water Birch
K	DOGWOOD
Kc	Cornus nuttallii
G	GIKGBKY
Gb	Bitter Cherry
Gc	Choke Cherry
Gy	Pin Cherry
Gp	Prunus Spp.
Gw	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (bigleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
W	WILLOW
Wa	Pacific Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bebb's/A)
Wb	Bebb's Willow (Peachleaf/A)
Wa	Scouler's Willow
Ws	Sitka Willow (low branch)

UNKNOWN / OTHER

Xh	unknown hardwood
Xc	unknown conifer
Xx	OTHER (new species)
Xc	other conifer
Xh	other hardwood

EXOTICS

AP	APPLE
Ap	Apple
AT	ASPEN, COTTONWOOD or POPLAR
Ab	Tacahout Cottonwood
B	BIRCH
Be	European Birch
Bp	Paper Birch (exotic)
Bs	Silver Birch
CY	CHERRY
Cv	Cherry/Plum family
CYPRESS	
Ys	Port Orford Cedar
F	FIR
Fa	Subalpine Fir
Fn	Noble Fir
Fg	Grand/Noble Fir
Fp	Veitchii Fir
LARCH	
Lk	European Larch
Lp	Siberian Larch
MAPLE	
Mn	Norway Maple
Mp	Sycamore Maple
OAK	
Oa	English Oak
Or	Red Oak
OTHER DECIDS	
Dc	Chestnut Spp.
Dh	Horse Chestnut
Dr	Coastal Redwood
Dw	Giant Sequoia/Wash Ash
Dz	Mountain Ash (exotic)
Dl	Common Pear
Dp	Black Locust
Dt	Tamarisk
Dt	Tibetan/Himalayan Hickory
Dw	Walnut (exotic)
Dj	Japanese Walnut
PINE	
Pn	Monterey Pine
Pr	Red Pine
Ps	Scots Pine
Pa	Austrian Pine
Pm	Mondell Pine

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 - 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	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

All SI are known to the nearest metre referenced at 50 years breast height age. Site index values are coded to the first digit leading species. When accurate SI cannot be obtained from age and height, estimate SI to shown after or replace the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands, stands with no dominants, or stands where site trees = provisions if inaccurate) 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 L layers only)

NON-TREED SHRUB

st	SHRUB TALL - shrub with average shrub height >1 m & less 4 metres.
sm	SHRUB MEDIUM - shrub with average shrub height < two metres.

NON-TREED HERB

hg	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	BRYOID - bryoid with no distinction between mosses and lichens by cover.
bm	BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
bl	BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED

ri	Exposed land
rs	Snow / Ice
rr	Water / Ice

NON-VEGETATED CATEGORIES (for V and L layers only)

ro	ROCK	ls	LAKE SHORE	mu	MUD/FLAT SEDIMENT
rb	BEACH	w	LAKE	mp	PUBBLY MIXED SOILS
rc	CONGLOMERATE	l	LANDING	mo	OTHER
rr	BEDROCK	li	LANDING	ri	RIVER / STREAM
rg	GLOBELMERA	ld	POND AT LAKE SEDIMENTS	rb	RIVER BOTTOM
rt	TALUS	rm	MORAINE	rd	RIVERBANK
rs	EXPOSED SOILS	rw	WORKING	rr	RIVER / STREAM
rg	GLACIER				

Note: these categories (ro, rc, rc, rc) not labeled over the polygon coverage.

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

AF	ALPINE FOR BT Species	NPBR	NON-PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN
G	GRASSES	NPG	NON-PRODUCTIVE GRASS / Species
GA	GRAVEL BAR	NTA	NOT TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
L	LAKE	P	POWERLINE
M	MEADOW	ROCK	ROCK
WET	WET/FLAT	S	SWAMP
SAND	SAND		
TIDE	TIDAL FLAT		
U	URBAN		
NC	NON-COMMERCIAL		
NCBR	NON-COMMERCIAL BRUSH		
NF	NON-FORESTED		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

Disturbance type code 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	Mini Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Deciduous Insects	P	Cone and Seedling Fungal Pathogens
E	Insects	R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

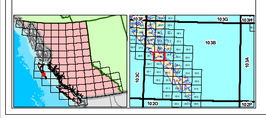
Example Opening History Details

Detailed Silviculture information is available on the BCGW
Select the SILVICULTURE tag. The MapView example is of Harvest 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
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





103B061
103B062
103B063
103B051
103B052
103B053
103B041
103B042
103B043
62-20
62-21
62-22
62-23
62-24
62-25
QUEEN CHARLOTTE DISTRICT
Haida Gwaii Natural Resource District

Overflow Labels