Vegetation Map
092F014

Scale: 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMD / 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 contained on this map is not intended to be used for determining administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2016)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM Base Features:
- All Built Roads
- Road/Trail/Low Road Class
- Rapid Roads
- Rough Roads
- Poor/Cutlines
- Railways
- Ski Planes
- Other Ice
- Powerline
- Pipeline
- Buildings
- Mine Areas
- Misc Lines
- Water Lines
- Named Features - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Cover - 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 - Terrain
- Municipal boundary (> 1:200,000 for > 15 % held)
- Municipal boundary (> 1:200,000 for < 15 % held)
- 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
as the most-important layer is described by # (Douglas Fir) and the (Western Hemlock).
4 Age_Height_Crown Closure Class Code - separator - Site Index / estimated SI
5 Inventory Type Group - Site Series - Transition - Site Series - Crown closure class 1 (6-10%), 3 (30-40%)
6 Vegetated Density Class (or Non-Forest/Productive Descriptor)
e.x. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
7 Inventory Initials & year - for Logged in 1979

Line 1 - History Record Opening Number

opening number used for BCGS mapsheet ____ - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
"L" - Designated if a second, lower layer description of each layer is available in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Composition - Species codes are listed in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C. Ministry of Forests Tree Code List" version 4.0 dated January 2009.

NATIVE CONIFERS

C	SCUKR
Cw	Western Red Cedar
Y	Yellow Cedar
Y	Yellow Cedar
Ay	Alaska Cedar
Ay	Unidentified Y
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fd	Fdi (Eastern)
Fdc	Fdc (Western)
Dr	Grand Fir
Gf	Subalpine Fir (Alpine)
Bl	Balsam
Hw	Western Hemlock
Hm	Mountain Hemlock
Hmh	Mountain x Western Hemlock hybrid
Hm	Hm (Eastern)
P	Rocky Mtn Juniper
Jr	Interior Juniper
Lw	Larch
Lt	Western Larch
Lt	Lt (Eastern)
Lt	Lw x Lt
Lw	Lw x Pw
Lt	Lt x Pw
Lw	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pl	Pli/Plc/Unidentified Lodgepole
Pj	Jack Pine (yellow)
Pw	Western White Pine
Pa	Whitebark Pine
Pf	Limber Pine
Sb	White Spruce
Se	Black Spruce
Sw	Unidentified Spruce
Sx	Hybrid Spruce
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Unknown hybrid
Ss	Sitka Spruce
T	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Ra	Alder
Ac	Pacific Crab Apple
A	ABIEN, COTTONWOOD or POPLAR
Ep	Aspen
Pa	Balsam Poplar
Act	Black Cottonwood hybrid
At	Hybrid Poplars
Ep	Trembling Aspen
B	BIRETUM
Pa	Arborvitae
Bp	Birch
Pa	Alaska Paper Birch
Bpk	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Bb	Bog Birch
Ac	Cascara
Ep	Black Birch
Ac	Alder-Cherry
Ep	Alder-Poplar
Vp	Fir-Cherry
Vb	Cherry-Birch
Ep	Poplar (Aspen) x (western) hawthorn
M	MAPLE
Mb	Broadleaf Maple (bradleyi)
Mv	Vine Maple
Sg	Garry Oak
Dr	Garry Oak
Ma	Maple
Mb	Bald's Willow
Wp	Pacific Willow
Wa	Undifferentiated Willow (Barlow's)
Wr	Peace Willow (or Bebb's)
Wb	Bebb's Willow
Wl	Sitka Willow (low-bench)

UNKNOWN - U TREE

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown broadleaf tall
Xs	other conifer
Xw	other hardwood

EXOTICS

AP	APPLE
Ap	Apple
AT	BALSAM, COTTONWOOD or POPLAR
Ae	Eastern Cottonwood
BI	BIRCH
Bp	European Birch
Bpk	Alaska Paper Birch hybrid
CH	CHERRY, PLUM, PEACH, APRICOT
Cr	Cherry
Y	CYPRESS
Ys	Yellow Cedar
Lt	LARCH
Le	Eastern Larch
Lj	Japanese Larch
MA	MAPLE
Mn	Norway Maple
Mr	Red Maple
Ms	Sycamore Maple
Qr	Red Oak
Qg	English Oak
OT	OTHER EXOTICS
Ot	Other Exotic
Ch	Horse Chestnut
Ol	European Mountain Ash
Ob	Siberian Elm (poulchra)
Ou	European Elm
Ch	Chinese Elm
Ow	Ringlmark Wisteria
Ol	Laburnum
Ob	Horse Chestnut
PINE	
Pn	Austrian Pine
Pr	Red Pine
Ps	Scots Pine
Pn	Pn (Austrian)

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 - 10.4
2	10.5 - 19.4
3	19.5 - 29.4
4	29.5 - 37.4
5	37.5 - 46.4
6	46.5 - 53.4
7	53.5 - 60.4
8	60.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (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

Site Index is based on measurements referenced at 50 years. Source of Site Index is recorded on the type card and the site sheet. Site Index is an accurate indicator of potential tree height growth. Where an accurate SI cannot be obtained from measurements, an estimated SI is assigned based on site series.

4e. ESTIMATED SITE INDEX

Estimated Site Index is based on the species which present, e.g. young stands of Hw, Cw, Ba or Sx. Estimated SI is a good indicator of productivity. Anomalous fields in the data base are inventory errors discovered in subsequent cruise work.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (line V and I (cont'd))

NON-TREED SHRUB

S	SHRUB - shrub with average shrub height > or = to two metres.
Sw	SHRUB WILLOW - shrub with average shrub height > two metres.

NON-TREED HERB

H	HERB - herb with no distinction between forbs and graminoids.
Hf	HERB - FORBS - herb with graminoids < 80% of the herb cover.
Hg	HERB - GRAMINOIDS - herb with graminoids > 80% of the herb cover.
B	BRYOID - bryoid with no distinction between mosses and lichens by cover.
Bf	BRYOID - MOSS - bryoid with mosses forming > 50% of the bryoid cover.
Bl	BRYOID - LICHEN - bryoid with lichens forming > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (line I and I (cont'd))

A	AIRPORT	M	MARSH, PIT
B	BEACH	N	NEVE
C	BOG/MUSKEG	O	LAKE,BAY
D	SKUNKTOP	R	GARDEN
E	CLEARCUT AREA	S	SNOW LAKE SEDIMENTS
F	CUTBANK	T	TALUS
G	GRAVEL PIT	U	UNKNOWN
H	GRASS/HERB	V	SNOW/ICE
I	GRAVEL BAR	W	WATER
J	INDUSTRIAL	X	GRAVEL PIT
K	CUTBLOCK	Y	ROCK
L	MEADOW	Z	RIVER
M	MARSH		

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE-BRUSH
C	CULTURAL	NPBS	NON-PRODUCTIVE-BURNED
D	DISTURBED	NPDE	NON-PRODUCTIVE-DEPT (Spruce
G	GRASS / BAR	NPK	NOT/THROUGH/LAKE
GA	GRASS / ALPINE	NPL	NON-PRODUCTIVE-LAKE
GE	CATTLE /	NPT	NON-PRODUCTIVE
M	MEADOW	R	ROCK
MA	MEADOW	RIVER	

Line 6 - Disturbance history

Disturbance and silviculture coded by symbol, followed by earliest date
For information on type designations category refer to official code list for such category descriptions.

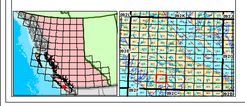
A	Animal Damage	L	Logging
B	Wildfire	M	Wild Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	O	Cone and Seedling Fungal Pathogens
I	Insects		

S	Site Rehabilitation
T	Treatment Injuries
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW
WHSE_FOREST_VEGETATION.RSLT_OPENING_SVW
The Registries example is
of Interest RESULTS table.

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 Activities" to turn on display values for:
OPENING ID
OPENING LABELS
SILVICULTURE BASE ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FORESTED COVER
WILDLIFE TREE PATCH



Overflow Labels