Vegetation Map
083D055

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 contained in this map is compiled from various sources to show Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Cadastre current June 2014)

Labels Projected for January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM - Base Features:
- Ax Built Roads
- Forest Service Roads
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Fields
- Other Area
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Lakes - 0.5M
- Watercourses - 0.5M
- Waterbodies - 0.5M
- Wetlands - 0.5M
- Ocean - 0.5M

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 >= 1:250,000 fine - (10 % hatch)
- Municipal boundary >= 1:250,000 thick - (no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Map sheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

Cd 1 4 Fdi 7 Lw 9 Bgp 10 Cw 8

LINE: DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number - assigned multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated - if less than 4 estimated (E)
ex: stand is age class 3 (61-80 yrs), height class 1 (0-10 m), crown closure class 1 (6-15%), SI 20m
5 Species Composition - Layer 2 (if present) - as per line 3
ex: a Hw/Bg polygon with no distinction between Hw/Bg and gaw/excids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

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 - 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
The valid tree species / species are labeled in their order of predominance. Major first Minor in brackets.
Tree species codes are based on "Trees in B.C. Ministry of Forests Tree Code List" version 4.4 dated January 2009

NATIVE CONIFERS
C - CEDAR
Cw - Western Red Cedar
Y - CYPRESS
Yc - Yellow Cypress
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 (alpina)
H - HEMLOCK
Hw - Western Hemlock
Hm - Mountain Hemlock
Hmh - Mountain x Western Hemlock hybrid
J - JUNIPER
Jr - Rocky Mtn. Juniper
Se - Sawara Juniper
L - LARCH
La - Alpine Larch
Lt - Tamarack
Lw - Western Larch
P - PINE
Pl - Jack Pine
Pf - Limber Pine
Pa - Whitebark Pine
Pj - Lodgepole Pine (interior)
Pli - Lodgepole Pine x Jack Pine hybrid
Plc - Pondersosa Pine (yellow)
Pw - Western White Pine
Pa - Whitebark Pine
Pyb - Ponderosa x Jack Pine hybrid
Sb - Black Spruce
Se - Engelmann Spruce
Sw - White Spruce
Sx - White Spruce
Sxl - Spruce hybrid
Sxw - Engelmann x White
Sxl - Sitka x White
Sxs - Sitka x Lutzinsen hybrid
Ss - Sitka Spruce
Yc - Western Yew

NATIVE HARDWOODS
D - ALDER
Dr - Red Alder
E - ARPLE
Ep - Pacific Coat Apple
Ew - Trembling Aspen/BALSAM or POPLAR
Act - Black Cottonwood
At - Aspen
Ax - Hybrid Poplar
Ac - Balsam Poplar
Act - Black Cottonwood
At - Trembling Aspen
Ax - Hybrid Poplar
B - BIRCH
Bb - Birch
Bp - Paper Birch
Bpr - Resin Birch
Bg - Water Birch
Bm - Mountain Birch
C - Cascara
V - CHERRY
Vf - Fire Cherry
Vc - Choke Cherry
Vp - Pin Cherry
Vu - Bitter Cherry
Vp - Pacific Dogwood (western flowering)
W - MAPLE
Mb - Broadleaf Maple (bradleaf)
Mv - Vine Maple
O - OAK
Gb - Garry Oak
R - ROWAN
Mt - MOUNTAIN ASH
Ry - Pacific Willow
Wp - Pacific Willow (Bracley's)
Wy - Pussy Willow (ar.fluvial)
Wb - Scouler's Willow
Wr - Sitka Willow (ar.fluvial)

UNKNOWN - OTHER
X - unknown conifer
Xc - unknown hardwood
Xh - unknown conifer/ HW
Xo - other conifer
Xh - other hardwood

EXOTICS
AP - APPLE
Ap - Apple
ASPEN, COTTONWOOD or POPLAR
Act - Southern Cottonwood
Ae - Aspen
Ba - European Birch
Bp - Paper Birch (exempt)
Bpr - Resin Birch
Bm - Mountain Birch
CH - CHERRY
Cw - Western Red Cedar
FIR (Subalpine)
Bg - Balsam Fir
Bl - Alpine Fir
Bm - Shasta Red Fir
Bi - White Fir
LA - LARCH
Lk - Dahurian Larch
Lp - Siberian Larch
Lt - Tamarack
MA - Box Elder
Mb - Norway Maple
Mp - Sycamore Maple
OA
Oa - English Oak
Or - Red Oak
OTHER DECIDUOUS
Ob - Northern Catalpa
Oc - Black Cherry
Ch - Coast Redwood
Ce - Common Hackberry
Cs - Siberian Elm (southern)
Cu - Chinese Elm
Cp - Empress Tree
Ch - White Ash
Fr - Green Ash, Hickory
Cl - Tree of Heaven
Jn - Japanese Walnut
PINE
Pm - Mondrosa Pine
Pp - Red Pine
Pn - Austrian Pine
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 - 26.4
4	26.5 - 27.4
5	37.5 - 45.4
6	46.5 - 53.4
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 estimated metre reference at 50 years breast height age. It is based on the principle of site index leading species. When an accurate SI cannot be obtained from ajacent stands, estimated SI is assigned (refer to Appendix 5).

4e. ESTIMATED SITE INDEX
Estimated site index is used for stands under management e.g. young stands (<30yrs), it is also used to adjust site index for previous it. Associated fields in the data base are inventory type (inventory) and estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I crown%)

NON-TREED SHRUB
- d SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- he HERB - herb with no distinction between forbs and graminoids.
- g HERB - FORBS - herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MOSS
- m MOSS - moss with no distinction between mosses and lichens by cover.
- mc MOSS - CLUMPED - mound with mosses, hummocks and lichens > 50% of the moss cover.
- mn MOSS - NETTED - moss with netted appearance.

NON-VEGETATED CATEGORIES (for V and I crown%)
- ar AIRPORT
- be BEACH
- bl BOULDERFIELD
- br BROWNFIELD
- bu BURNED AREA
- ex EXPOSED LAND
- ex EXPOSED SOILS
- gl GLACIER
- ic ICEFIELD
- la LAKE
- lk LAKE
- mi MINE
- ol OIL FIELD
- ri POND or LAKE SEDIMENTS
- rd ROAD
- rr RAILROAD
- rs RIVER or STREAM
- sn SNOWPATCH
- sw SWAMP
- tz TRANSMISSION ZONE
- wa WATER
- wf WATERFALL
- wi WETLAND
- wm WOODY DEBRIS
- wp WOODY DEBRIS
- wt WOODY DEBRIS
- mw MUDFLAT SEDIMENT
- mi RUBBLY MINE SPOILS
- ot OTHER
- sn SNOW COVER
- st STRUCTURE
- ri RIVER or STREAM
- rr RESERVOIR MARGIN
- rr RAILWAY SURFACE
- rd ROAD SURFACE
- rd ROAD SURFACE
- tc TALUS
- ta TAILINGS
- ur URBAN

Note: Water categories (ra, ri, rs, rz) not labelled over 80 percent coverage.

NON-FORESTED / NON-PRODUCTIVE DESCRIPTOR CODES (for I records)
- a ALPINE
- bl BOG FOREST (Species
- cl CULTIVATED
- cl CLAY BANK
- cr CROPLAND
- cb GRAVEL PIT
- ice ICEFIELD
- ma MARSH
- mud MUDFLAT
- mf NON-PRODUCTIVE
- mfbl NON-PRODUCTIVE BRUSH
- mfbg NON-PRODUCTIVE BURN
- mpf NON PRODUCTIVE FOREST (Species
- mu MUSKEG
- opa OPEN AREA
- p WATFIELD
- r ROCK
- s SWAMP

- SAND SAND
- SILT SILT
- URBAN

- NC NON COMMERCIAL
- NSR NON PRODUCTIVE BRUSH
- NP NON PRODUCTIVE
- NPBG NON PRODUCTIVE BURN
- NTA NOT TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type codes 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
- B Wildfire
- C Crew and Seed Insects
- D Diseases
- E Unknown
- L Logging
- M Mine Damage
- N Non-Biological Injuries
- P Cone and Seeding Fungal Pathogens
- S Site Perturbation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. 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 RESULTS/LUP tab then click on "Display Selected Layers" to turn on mapview values for:

OPENING
OPENING LABELS
OPENING / PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
SILVICULTURE
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels