Vegetation Map
082M001

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 facilitate the display of geographic data at a variety of scales. Some information may not be current, and this printed product may not be complete and up to date (labeled as administrative boundaries and the harvesting colour theme are for reference purposes only. (Legend revisions June 2014))

Labels Projected To: January 1, 2014

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (2010)
- Research Installations

VRIM - Base Features:
- Rock Rivers
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Track/Lanes
- Railways
- 4x4 Parkers
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Lakes - 50M
- Watercourses - 50M
- Waterbodies - 50M
- Wetlands - 50M
- Ocean - 50M

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region Boundary
- Provincial District Boundary - FASM
- M.V. Region Compartment - FASM
- Provincial Forest area - FASM
- Timber Supply Area Block - FASM
- Tree Farm Licenses - FASM
- Land Grants boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1,000,000 ha - 15 % hatch)
- Municipal boundary (< 1,000,000 ha - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- MOSS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture 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 (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
ex. 120 yrs old, 25.1 to 30.0 m tall, 41 to 60% crown closure, SI = 21 (Site Index is 8 - 15%), SI 20m
5 Vegetated Density 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 used for MOSS mapsheet — 2nnnn - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:

VRIM2 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 Symbols 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

CODE	
C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
H	HEMLOCK
Hw	Hw (Coastal)
Hm	Mountain Hemlock
F	FIR (Amabilis Fir)
Fd	Douglas Fir
Fdi	Interior Douglas Fir
Fdc	Coastal Douglas Fir
Fa	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
Hw	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hmm	Mountain x Western hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Jc	Common Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
Lt	Tamarack
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Py	Ponderosa Pine (yellow)
Pw	White Pine (Inland)
Pa	Whitebark Pine
Pa	Whitebark Pine
S	SPRUCE
Sx	Hybrid Spruce
Se	Englemann Spruce
Sw	White Spruce
Sw	White Spruce
Sxw	Sxw (Inland)
Sxl	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka Spruce hybrid
Ss	Sitka
Yw	Western Yew

NATIVE HARDWOODS

CODE	
D	ALDER
Dr	Red Alder
D	APPLE
Ue	Pacific Crab Apple
A	BLACK COTTONWOOD or POPLAR
Ac	Poplar
Ass	Balsam Poplar
At	Trembling Aspen
Ac	Black Cottonwood
E	ELM
Ae	Am. ELM
A	MAPLE
Am	Red Maple
Ad	Broadleaf Maple
Ag	Grand Fir
Ep	Paper Birch (alaska)
Ew	Water Birch
Ep	Paper Birch
Ew	Water Birch
Ep	Alaska Paper Birch
Epw	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ep	Paper Birch
Ew	Water Birch
Ep	Paper Birch
Ew	Water Birch
Vs	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
D	DOGWOOD
Dw	Dogwood (western flowering)
M	MAPLE
Ma	Maple (bigleaf)
W	Vine Maple
Ow	Oregon Crab
Qg	Garry Oak
W	WILLOW
Wp	Willow (Pacific)
Wa	Pacific Willow
Wa	Peachleaf Willow (Pacific)
Wb	Black Willow (Pacific)
Ws	Scouler's Willow
Wx	Willow (Hybrid Variety)

UNKNOWN - OTHER

CODE	
X	UNKNOWN
Xi	unknown conifer
Xh	unknown hardwood
Xc	OTHER (less common tall)
Zz	other conifer
Zh	other hardwood

EXOTICS

CODE	
A	APPLE
Ap	Apple
B	BIRCH, COTTONWOOD or POPLAR
Ar	Northern Cottonwood
E	ELM
Eb	European Birch
Es	Siberian Elm (exotic)
Ew	Weeping Elm
F	FIR (Exotic)
Fg	Grand Fir
Fb	Balsam Fir
Y	CYPRESS
Yn	Nootka Cedar
FR	FIR (Exotic)
Bk	Nikkoo Fir
Bp	Fraser Fir
Bs	Silicia Bird Fir
L	LARCH
Lk	Japanese Larch
Ld	European Larch
M	MAPLE
Mn	Norway Maple
Mr	Norway Maple
Mp	Sycamore Maple
O	OAK
Ob	English Oak
Oo	Oregon Oak
X	OTHER EXOTICS
Xc	Other Conifer
Xh	Other Broadleaf
Oc	Cutleaf Redbeard
Ob	Common Beech (Exotic)
Ob	Common Beech
Ot	Common Pear
Ow	Mountain Ash
Ow	White Ash
Ow	Mountain Ash
Oj	Green Ash
Oj	Transcheteaui
Oj	Manchurian Walnut
P	PINE
Pm	Monderay Pine
Pn	Austrian Pine
Pp	Pitch Pine
Pr	Red Pine
Ps	Scotch Pine

Line 4:

4a. AGE CLASS

CODE	AGE (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 - 19.6
3	19.5 - 28.6
4	28.5 - 37.6
5	37.5 - 46.6
6	46.5 - 55.6
7	55.5 - 64.6
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	CLOSURE (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 average dominant tree height achieved at 50 years. Please refer to page 36 of the Interpretation and Mapping User Guide for species specific information on site index curves.

4e. ESTIMATED SITE INDEX

Estimated site index is the site index value assigned to a polygon in the absence of a measured site index. It is derived by a local expert who analyzes site conditions. If a measured site index is available for the polygon, it is recorded here. Estimated site index is the site index we inventory. The estimated and measured site index should be identical.

Line 5 - Vegetation records:

VEGETATED NON-TREE CATEGORIES (1st 'S' and 2 non-tree)

NON-TREES SHRUB
- SB - SHRUB - shrub with average shrub height > or = to two metres.
- S - SHRUB LOW - shrubs with average shrub height < two metres.

NON-TREES HERB
- H - HERB - herb with no distinction between forbs and graminoids.
- HF - HERB - FORBS - herb with greater than 50% of the herb cover.
- HG - HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREES MIXED
- MX - MIXED - mixed with no distinction between shrubs and forbs/grs cover.
- M - MIXED - MOSS - mixed with moss, lichens, and forbs/grs cover.
- MH - MIXED - HERBS - mixed with moss, lichens, and shrubs > 50% of the total cover.

NON-VEGETATED CATEGORIES (1st 'N' and 2 non-tree)

- NB - BARE SOIL
- NBC - BOULDERS
- NBR - BEDROCK
- NBS - BOULDER AREA
- NC - CLIFF/BANK
- NE - EXPOSED SOILS
- NF - FLOOD
- NG - GRAVEL
- NL - LANDING
- NLE - LANDING EMBANKMENTS
- NM - MINE
- NW - WORKINGS
- NR - RIVER/STREAM
- NS - SLUDGE/LAGOON
- NSE - SLUDGE/LAGOON EMBANKMENTS
- NT - TAILINGS
- NU - UNKNOWN
- NV - WASTE DISPOSAL
- NVE - WASTE DISPOSAL EMBANKMENTS
- NZ - OTHER

Note: Water categories are to be updated over the next few years.

NON-FOREST (NON-PRODUCTIVE DESCRIPTORS) (1st 'N')

- A - ALPINE
- AT - ALPINE FOREST / Species
- C - CULTIVATED
- CL - CLAY BANK
- ES - ESKER / KAME
- GR - GRAVEL PIT
- KE - KEMPIED
- MU - MUSKEG
- MUO - MUSKEG OPEN
- MF - NON-PRODUCTIVE
- MFB - NON-PRODUCTIVE BRUSH
- MFT - NON-PRODUCTIVE FOREST / Species
- MFW - NON-PRODUCTIVE WOODY
- OR - ORE/MINERAL
- P - RAFFERLD
- R - ROCK
- S - SWAMP
- SAND - SAND
- SC - SCRUB / BRUSH
- SNOW - SNOW
- W - NON COMMERCIAL
- WCR - NON COMMERCIAL BRUSH
- WF - NON-PRODUCTIVE
- WFT - NON-PRODUCTIVE TREE STOCKED
- WO - NOT FORMS HABITAT

Line 6 - Disturbance History

Disturbance type coding completed 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
- D Disease and Breed Insects
- E Environmental
- I Insects
- L Logging
- M Mine Damage
- N Non Biotic Damage Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Remediation
- T Treatment Injuries
- V Damage Unknown
- W Problem Vegetation

Example Opening History Details

Detailed opening information is available on the BCGW utilizing either WIT or ArcMap. The WebHere example is of the new RESULTS data.

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

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

Overflow Labels