Vegetation Map
082L051

Scale 1:20,000

1 0 0.25 0.5 0.75 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / 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 derived from a variety of sources. Administrative boundaries and the Ownership colour theme are for reference purposes only. Legend last update June 2016.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Recreation Opening Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM Base Features:
- Ski Hill Roads
- Forest Service Road Lines
- Forest Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Named Wetlands - 50M
- Watercourses - 50M
- Waterbodies - 50M
- Islands - 50M
- Cross - 50M

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- R1 Region Compartment - FADM
- Provincial Forests Line - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1,000,000 ha / 10 % transp)
- Municipal boundary (< 1,000,000 ha / no transp)
- National Parks
- Fire 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. Polygon Number and Opening Number.
2. Polygon Number and multi-layer stand indicator (L).
3. Species Composition
As the most productive layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4. Site Index Information: Site Index Curve Code - example - 5 for Hw - indicated 8 m
for stand at age class 2 (21-40 yrs); height class 1 (0 - 10 m); crown closure class 1 (6-15%), SI 20m
5. Vegetated Density Class (or Non-Forest/Productive Description)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6. Disturbance History if exist - ex. logged - in 1970.

Line 1 - History Record Opening Number:

opening number used for BCGS mapsheet. *(e.g. 0001)* - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:

VRMS 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 - NO Tree Species:

Species Composition Symbols are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Trees of the B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

AT	ATLANTIC RED CEDAR
C	CYPRESS
CW	WESTERN RED CEDAR
D	DOUGLAS FIR
Fd	Douglas Fir
Fdi	Interior Douglas Fir
Fdc	Coastal Douglas Fir
By	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western x Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
L	LARCH
La	Subalpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Lace Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole (contorta)
Pli	Lodgepole x Jack Pine hybrid
Pj	Ponderosa Pine (jeffrei)
Pm	Mountain Pine
Pw	Western White Pine
Py	Ponderosa Pine (ponderosa)
S	SPRUCE
Sa	Alaska Yellow-cedar
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxe	Spruce Hybrid
Sxl	Lutz x White
Sxs	Sitka x Engelmann hybrid
Yc	Yellow-cedar
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
D	Red Alder
Sl	Sitka Alder
E	ARBUTUS, GARRY OAK
G	GARRY OAK/ARBUTUS or POPULAR
Ep	Paper
At	Trembling Aspen
Ax	Black Cottonwood
H	Hybrid Poplars
Ac	Balsam
B	BIRCH
Ea	Alaska Paper Birch
Ep	Kenai Paper Birch hybrid
Ew	Paper Birch (white)
Ey	Yellow Birch
C	CHERRY
Cb	Bitter Cherry
Cc	Choke Cherry
Cp	Pin Cherry
Cw	Wild Cherry
DG	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Sx	Scouler's Willow
Sxb	Barclay's Willow
Sxh	Peachleaf Willow (Bebb's)
Sxr	Pacific Willow (Hooker's)
Sxw	Scouler's Willow
Wi	Sitka Willow (low branch)

NATIVE OTHER

X	UNKNOWN SHRUB
Xi	unknown conifer
Xh	unknown hardwood
Xt	OTHER (low branch)
Xc	other conifer
Xw	other hardwood

EXOTICS

XH	ALDER, COTTONWOOD or POPULAR hybrid
Ba	Black Cottonwood
Be	European Birch
Bp	Paper Birch (domestic)
Cl	Tatarian Birch
Dc	Cherry
Ys	Yellow Cherry
Ch	Horsechestnut
Ck	Common Horse Chestnut
Fb	Black Ash
Fg	Green Ash
Fp	Pumpkin Ash
La	European Larch
Ll	Japanese Larch
Lx	Hybrid Larch
Mo	Box Elder
Ob	Norway Maple
Or	Red Maple
Ow	White Oak
Pa	Apple (CROPS)
Pc	Chinese Cedar
Pd	Giant Sequoia
Pe	European Mountain Ash
Pi	Showy Mountain Ash (ornamental)
Pr	Common Pear
Pt	Cultivated Plum
Sc	White Ash
Sf	Shaughnessy Hickory
Sn	Black Walnut
Ss	Japanese Walnut
Sy	Lilac
Pm	Monterey Pine
Pn	Austrian Pine
Pp	Shore Pine
Pw	White Pine
Sm	Siberian Elm

Line 4:

4a. AGE CLASS

CODE	AGE (years)
1	1-20
2	21-40
3	41-80
4	81-120
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 - 19.4
3	19.5 - 28.4
4	28.5 - 36.4
5	37.5 - 44.4
6	45.5 - 53.4
7	54.5 - 60.4
8	60.5 +

4c. CROWN CLOSURE CLASS

CODE	CROWN CLOSURE (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 the mean height attained at 50 years. Mature Height Age - 50 is equivalent to the age at which the mean height of the dominant trees (the tallest 100 trees per hectare) attains 50 metres. If the age at which trees attain a specified height is known, site index can be estimated. Site index is shown also, or replaces the SI.

4e. ESTIMATED SITE INDEX

Estimated site index is used to show overall growth, eg. Fd 8 indicates that Douglas fir is growing on a site where it would reach a height of 30 metres in 100 years on the site's Type Group and SI. Estimated source code.

Line 5 - Vegetation Historical:

VEGETATED NON-TREE CATEGORIES (for V and I codes only)

NON-FOREST SHRUB

SL	SHRUB (TALL) - shrub with average shrub height > or = to two metres
SH	SHRUB (LOW) - shrub with average shrub height < two metres

NON-FOREST HERB

HG	HERB - herb with no distinction between forbs and graminoids
HF	HERB (FORBS) - herb with forbs > 50% of the herb cover
HS	HERB (GRAMINOIDS) - herb with graminoids > 50% of the herb cover

NON-FOREST SHRUB

SB	SHRUB (BROAD) - shrub with no distinction between broadleaf and foliage by scale
SBG	SHRUB (BROAD, GRASS) - shrub with broadleaf leaves/scale, and herbaceous > 50% of the shrub cover
SBVGC	SHRUB (BROAD, VASCULAR) - shrub with broadleaf leaves/scale, and vascular > 50% of the shrub cover

NON-VEGETATED CATEGORIES (for I code only)

AF	ALPINE FIELDS	RI	RIVER/STREAM
BE	BEACH	LA	LAKE
BI	BOULDERFIELD	RE	RESERVOIR
BC	BROADCUT	PO	POND or LAKE SEDIMENTS
SU	SUMMER AREA	SW	SWAMP
SC	SCARIFICATION		
SV	SURFACE VOLCANIC		
RO	ROCK		
RS	ROCKSLIDE		
RU	RUBBLE		
SA	SAND		
SN	SNOW		
TA	TALUS		
TZ	TIDAL FLAT		
UR	URBAN		
WA	WATER (OTHER)		

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

A	ALPINE	NPBC	NON-PRODUCTIVE BROAD
AF	ALPINE FOREST (Spruce)	NPBR	NON-PRODUCTIVE BRUSH
CL	CLEARING	NPF	NON-PRODUCTIVE FOREST
CU	CUT BANK	NPFT	NON-PRODUCTIVE FOREST (Treeline)
GR	GRAVEL PIT	NPN	NOT/NOTHING/NONE
MU	MUD FLAT	S	SUBALPINE
N	NONE	SUM	SUMMER
NOD	NODATA		

Line 6 - Disturbance History:

Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type indicates category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
C	Cultural	N	Non-Biological
D	Core and Seed Insects	N	Non-Biological injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
	Insects		

S	S ka Rehabilitation
W	Wildfire (Fire)
X	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or KAMap. The MapView example is of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application "Results" provides access to this and other information. Select the RESULTS/Tab and then click on "Display Silviculture Map" to turn on display values for:
- OPENING NUMBER
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- SILVICULTURE TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH

Thompson Rivers Natural Resource District

Okanagan Shuswap Natural Resource District

MONTE LAKE ROAD

Overflow Labels