Vegetation Map
093F078

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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 / Tantalis

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 compiled from various 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 Features:
- Forest Vegetation Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (0115)
- Research Installations

TRIM_Base Features:
- Ice Bulk Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rock/Non-Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MU 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% hatch)
- Municipal boundary (> 1,000,000 ha - no hatch)
- 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:

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OC#
FIA#
Age Class
Height Class
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LINE DESCRIPTION
1 Structure 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 Class and Height Class (Site Curve) for the most important layer
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
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

OC# - opening number valid for BCGS mapsheet zOC# - 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 - SC 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 Code List" version 4.6 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Cy	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Fir
Fdi	Coastal Douglas Fir
Fdf	Interior Douglas Fir
Fdc	Creeping Fir
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock/Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lk	Tamarack
Lw	Western Larch
P	PINE
Pa	Albicaulis Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plcu	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pxw	Western White Pine
Pyc	Ponderosa Pine
S	SPRUCE
Se	Engelmann Spruce
Sb	Black Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxw	Spruce hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

B	BIRCH
Bl	Red Alder
Bp	Paper Birch
Lp	Pacific Dark Alpha
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ass	Balsam Poplar
Ad	Black Cottonwood
Ae	Alaska Birch
Ep	Trembling Aspen
R	ARBUTUS
Mb	Pacific
Bb	BIRCH
Ew	Alaska Paper Birch
Ewp	Alaska Paper Birch hybrid
Ew	Paper Birch (white)
Ep	Trembling Aspen
K	CASCARA
Ac	Cascara
E	DOGWOOD
Eu	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
G	OAK
Gg	Garry Oak
Gs	Oregon Oak
W	WILLOW
Wp	Pacific Willow
Wpg	Pacific Willow (Barclay's)
Wr	Fuzzy Willow (gray-leaved)
Ws	Sitka Willow
Wt	Sitka Willow (tree-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

AP	APPLE
AX	ASPEN, COTTONWOOD or POPLAR
Act	*Black Cottonwood
Ap	*Southern Cottonwood
BI	BIRCH
Bc	*Common Birch
Bs	*Silver Birch (swamp)
By	*Yellow Birch
Cr	CHERRY
Cs	*Sweet Cherry
CY	CYPRESS
Ylc	*Nootka Cultured Cedar
Fdf	Fir (Eastern)
Bp	*Balsam Fir
Fd	*Grand Fir
Pw	*Alaska Red Fir
Fdc	*Noble Fir
LA	LARCH
Lae	*Eastern Larch
Lp	*Siberian Larch
MA	MAPLE
Mn	*Norway Maple
Mp	*Sycamore Maple
OA	OAK
Qg	*English Oak
Qw	*White Oak
PA	PINE, EXOTICS
Pa	*Austrian Pine
Pg	*Giant Sequoia
Pm	*Monterey Pine
Pe	*European Mountain Ash
Pj	Siberian Elm (southern)
Pn	*Austrian Pine
Pp	*Dragon Ash
Pr	*White Ash
Pw	*Western White Pine
Pyc	*Ponderosa Pine
SA	SPRUCE
Sa	*Norway Spruce
Sc	*Colorado Blue Spruce
Sp	*Siberian Spruce
Sr	*Red Pine
Ss	*Scots Pine
Sw	*Swiss Stone Pine
Py	*Ponderosa Pine
Sn	*Norway Spruce

Line 4

4a AGE CLASS

CODE	LIMITS (years)
1	0-20
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 - 28.4
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)
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 - 100

4d SITE INDEX

Based on the nearest metre referenced at 50 years breast height age. SI is based on the age and height of the dominant trees in the stand. If the stand is mixed in species, age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<60yrs). It is denoted by a dash in front of the SI number (i.e. -20). Also see Site Index Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for V and I records)

NON TREED SHRUB
Sa SHRUB - shrub with average shrub height > or = to two metres.
Sl SHRUB LOW - 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 forbs > 50% of the herb cover.
Hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
Sp BRYOID - bryoid with no distinction between mosses and lichens by cover.
Sm BRYOID - MOSSES - bryoid with mosses > 50% of the bryoid cover.
Sl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

Ac	ALPINE CLIFF	ms	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
Ar	ROCK	dr	RUBBLY MINE SPOILS	rr	RAILWAY SURFACE
Sl	SLOCKFIELD	lr	LAVA RED	rs	RIVER SEDIMENTS
Sc	SCREE	lb	LAVA BLACK	ta	TALUS
ta	BURNED AREA	tc	POND or LAKE SEDIMENTS	tl	TALUS
cb	CUTBANK	mi	OPEN PIT MINE	tr	TAILINGS
ds	DEBRIS SLIDE	sc	SEDIMENT CREAM	wb	WATER BIRDS
gl	GLACIER				

Note: Water categories (lk, ra, rv, sm) are not standard even for current coverage.

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

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
BU	BURNED	NPBS	NON PRODUCTIVE BRUSH Species
CLR	CLEAR WAKE	NPFX	NON PRODUCTIVE FOREST Species
G	GRAVEL BAR	NTA	NOTHING AVAILABLE
GL	GLACIER	OW	OPEN WATER
ICE	ICEFIELD	P	PAVEMENT
MU	MUSKEG	R	ROCK
MUC	MUSKEG - COMPLEX	S	SAND
SNO	SNO	SNO	SNO
TIDE	TIDAL FLAT		
U	URBAN		

NC	NON COMMERCIAL
NPBR	NON PRODUCTIVE BRUSH
NP	NON PRODUCTIVE
NSR	NOT SURVEYED/NOT RESTOCKED
W	WATER

Line 6 - Disturbance History

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

B	Biotic	R	Road Rehabilitation
A	Abiotic	S	Silviculture Activity
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases - Insects	P	Cone and Seedling Fungal Pathogens

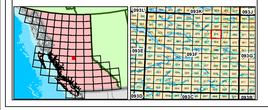
R	Road Rehabilitation
S	Silviculture Activity
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed 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 ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH



Overflow Labels