092G048

Vegetation Map
092G048

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 represented on this map is subject to data currency, administrative boundaries and the Ownership colour the are for reference purposes only. (Legend Version June 2014)

Labels Projected To January 1, 2016

MAP SYMBOLOGY

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

TRIM_Base Features:
- Au-Sub Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Airstrips
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - 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 - Tantalis
- Municipal boundary (> 1:500,000 for > 10 % hectr)
- Municipal boundary (< 1:500,000 for < 10 % hectr)
- National Parks
- Fire Notations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

CW 250 Fd/Hw 70 Pl 30 / Ac 20

LINE DESCRIPTION:
1 Silviculture symbol and Opening Number
2 Polygon No. / 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: stand is age class 2 (21-40 yrs), height class 1 (0.1-10 m), crown closure class 1 (6-19%), SI 20m
5 Species Composition - Layer 2 (if present) - separator - Layer 3 (if present)
ex: a field / slash between species indicates that they are intimately mixed
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

opening number valid for RESULTS 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

Species Composition Species are labelled 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 4.4 Edited January 2009.

NATIVE CONIFERS

CODE	
C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Alpine Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mt. Juniper
Js	Sekkide Juniper
L	LARCH
La	Subalpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Contorta)
Plg	Lodgepole x Jack Pine hybrid
Pli	Lodgepole x Interior
Pa	White Pine (alpine)
Pw	White Pine (Western)
Pw	Whitebark Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sit	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Sitka x White
Sxl	Sitka x Interior
Sxs	Sitka x unknown hybrid
Sxw	White x Interior
T	Western Yew

NATIVE HARDWOODS

CODE	
D	ALDER
Dr	Red Alder
C	APPLE
Cp	Pacific Crab Apple
Cw	Black Hawthorn/COTTONWOOD or POPLAR
Ep	Poplar
Abl	Balsam Poplar
Abt	Black Cottonwood
At	Trembling Aspen
E	BIRCH
Ep	Alaska Paper Birch
Ew	Water Birch (Western hybrid
Ey	Paper Birch (alpine)
Ew	Water Birch
K	Cascara
V	CHERRY
Vm	Choke Cherry
Vu	Choke x Cherry
Vv	Fire (Scrub)
Vp	Pin Cherry
Vpr	Pacific Plum(wild (eastern flowering)
M	MAPLE
Mb	Broad-leaf Maple (deciduous)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wp	Peachleaf Willow (Bebb's?)
Wr	Red Willow (Drummond's Variety)
Ws	Scouler's Willow
Wil	Sitka Willow (low branch)

UNKNOWN - OTHER

CODE	
X	unknown conifer
Xh	unknown hardwood
Xl	unknown (alpine)
Zz	other conifer
Zh	other hardwood

EXOTICS

CODE	
Ya	APPLE
Yp	ASPEN, COTTONWOOD or POPLAR
Ag	Southern Goldenrod
Ap	Apple
Bp	European Birch
Bs	Silver Birch (swamp)
Ch	CHESTNUT
Dg	DOGBERRY
Lb	Russian Olive
Yc	CYPRESS
Ycn	Nootka Yellow Cedar
Fdu	Douglas Fir
Bb	Balsam Fir
Bp	Fraser Fir
Bm	Woolly Bud Fir
Pi	White Fir
Pp	Red Pine
Lk	Siberian Larch
Ls	Siberian Larch
Mo	MOUNTAIN ASH
Mr	Rue Elder
Mt	Norway Maple
Mm	Manitoba Maple
Oa	OAK
Qw	English Oak
Qn	Red Oak
Yo	OTHER CYPRESS
Cw	Hinoki Cedar
Cn	Nootka Cedar
Cl	Cedar Redwood
Cd	Eastern Western Red
Cv	Western Red Cedar
Cr	Common Privet
Ch	Chinese Chestnut
Ch	White Ash
Ah	Green Ash Hickory
Cc	Tree of Heaven
Ch	Japanese Walnut
Ww	Walnut
Pm	Monterey Pine
Ps	Red Pine
Pn	Austrian Pine
Pr	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	141-160
9	161 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 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 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 19
2	20 - 35
3	36 - 45
4	46 - 55
5	56 - 65
6	66 - 75
7	76 - 85
8	86 - 100

4d SITE INDEX

Fill in and round to the nearest metre reference-at 50 years breast height age. Site index is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after a / e.g. Hw 20 / 17

4e. ESTIMATED SITE INDEX

SI is estimated when site index is not present, e.g. in a recent cutblock where the leading species is dead, which always produces a SI. Associated fields in the data base are: Inventory Type Group and SI (estimated site index).

Line 5 - Vegetation records

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

s	SHRUB TALL - shrub with average shrub height >= 4 m & less than 8m.
w	SHRUB LOW - shrub with average shrub height < two metres.

NON-TREE HERB

h	HERB - herb with no distinction between forbs and graminoids.
f	HERB - FORBS - herb with forbs > 50% of the herb cover.
g	HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB

s	SHRUB - shrub with no distinction between moose and kokanee by cover.
sm	SHRUB - MOOSE - shrubs with browse, kokanee, and horsetails > 50% of the ground cover.
sk	SHRUB - KOKANEE - moose cover > 50% of the ground cover.

NON VEGETATED CATEGORIES (for V and I layers only)

ro	ROCK	ws	WATER SHALLOW	mo	MOSTLY SEDIMENT
rs	BEACH	w	LAKE	mu	RUBBLY MINE SPOILS
rf	ROCK FIELD	wr	RIVER	ot	OTHER
rc	MORAINE	wm	MARSH	ol	LITTER
rb	BURNED AREA	b	POND or LAKE SEDIMENTS	sn	SNOW COVER
rm	ROCK MAT	wf	WATER FLOW	gl	GLACIER ICE
re	EXPOSED SOILS	wa	RESERVOIR	pi	RIVER / STREAM
gl	GLACIER				

Note: Water categories (ws, w, r) cannot exist over 50 percent coverage.

rr	RESERVOIR MARGIN
rw	RAILWAY SURFACE
rp	PAVED SURFACE
rg	ROAD SURFACE
tl	TAILUS
sl	SLUMPING
u	URBAN

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

a	ALPINE	NP	NON PRODUCTIVE
c	CULTIVATED FORB-SF-Species	NPB	NON PRODUCTIVE - BRUSH
c	CULTIVATED	NPBG	NON PRODUCTIVE - BURN
cl	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
cu	CUT BANK	NPM	NON PRODUCTIVE-MUSKEG
GR	GRAVEL PIT	OB	OPEN RANGE
ICE	ICEFIELD	P	HAYFIELD
m	MEADOW	R	ROADS
MAR	MARSH PLANT	S	SWAMP

SAND SAND
SAT SATURATED
U URBAN

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NPBR	NON PRODUCTIVE BRUSH TOUCHED
NVA	NOT TYPING AVAILABLE

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases Insects	P	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		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 Map View 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 SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

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

Overflow Labels

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