Vegetation Map
082N020

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 - VRIM/S / 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 display on a standard computer screen or printed on 11" x 17" paper in landscape format. The scale of the printed portrayed may not be complete and up to date (Outside of, 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
- Sensitive Opening or Vegetation
- Permanent Sample Plot (SYSI)
- Research Installations

TRIM - Base Features:
- 4x4 Trail
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Fences
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Wetland/Marsh - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MoFLNRO Region boundary
- Resource District boundary - FAOM
- M.V. Regions Compartment - FAOM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (1:1,000,000 for - 15 % hatch)
- Municipal boundary (1:1,000,000 for - 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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LINE DESCRIPTION:
1 Silviculture symbol and Opening Number:
2 Polygon Number and multi-layer stand indicator (u);
3 Species Composition:
    x- the most important layer is described as if (Douglas Fir) and Fw (Western Hemlock).
    y- the second most important layer is described as Cw (Western Redcedar). S=by Hand - estimated SI
    z- the stand's age class (1:21-40 yrs), height class 1 (0-1.5 m), crown closure class 1 (6-10%), S (.20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Disturbance History (human caused disturbance) and gymkhoula, shrubs less that 2m.
6 Disturbance History (Line - ex: Logged in 1979
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Line 1 - History Record Opening Number

0124 - opening number valid for BCGS mapsheet *0000* - 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 is separate description of each layer is available in the data base, (ie - 1, 2)

Line 3 - BC Tree Code List

Species Composition Species are selected 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

B	BALSAM
Ba	Amabilis Red Cedar
C	CEDAR
Cw	Yellow Cedar
D	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
F	FIR (Balsam)
Bg	Amabilis Fir
Bl	Alpine Fir
Bp	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	Whitebark Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (contorta)
Plc	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Pxj	Ponderosa x Jack Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sb	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxw	Other Unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
At	Red Alder
Ay	Sitka Alder
W	Pacific Crab Apple
Ac	BLACK COTTONWOOD or POPLAR
E	Paper Birch
Act	Balsam Poplar
Ae	Trembling Aspen
Ah	Hybrid Poplars
At	Trembling Aspen
Ep	Aspen
Ew	Alkaline
Ep	Alaska Paper Birch
Ew	Paper Birch x Alaska hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	Scouler's Willow
Kc	Creeping
V	DWARF
Vp	Prairie Willow
Vs	Sharp Cherry
Vt	Choke Cherry
Z	UNSPECIFIED
Zd	DECIDUOUS
Zn	NATIVE (Applied (western flowering)
MB	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
G	WILLOW
Gsl	Scouler Willow
Gwi	Hooker Willow
Wp	Peachleaf Willow (Bendock)
Gwi	Hooker Willow (Lanceleaf)
Gsl	Scouler's Willow
Wr	Rose Willow (low-bramel)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xd	unknown deciduous
Xh	OTHER (tree not listed)
Zz	other conifer
Zx	other hardwood

EXOTICS

Ue	ELM
Ax	BLACK COTTONWOOD or POPLAR
Ae	Southern Cottonwood
Ba	BASSWOOD
Be	European Birch
Bs	Silver Birch (exempt)
Bu	Purple Birch
CHERRY	
Cb	Sweet Cherry
Cp	Pin Cherry
Cho	Choke Cherry
Ch	CHESTNUT
Ce	Spanish Fir
Cl	Grand Fir
Ll	Siberian Larch
Le	Larch
Ma	Elm Mimic
Mo	Mountain Maple
Ws	Japanese Black Pine
Ye	Yew
Eu	Eucalyptus
Gw	White Oak
Ow	Oregon White Oak
Ow	Hortense Cedar
Gb	Giant Sequoia
Gs	Giant Sequoia
Ge	European Mountain Ash
Gm	Mountain Ash (exotic)
Gf	Common Pear
Gp	Wild Pear
Gr	White Ash
G	Gingkotree, Maidenhair
Gt	Black Locust
Gj	Japanese Maple
Pap	Poplar
Pp	Ponderosa Pine
Pr	Red Pine
Ps	Scots Pine
SPRUCE	
Sn	Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-100
5	101-120
7	121-140
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 4.4
2	4.5 - 7.4
3	7.5 - 10.4
4	10.5 - 13.4
5	13.5 - 16.4
6	16.5 - 19.4
7	19.5 - 22.4
8	22.5 - 25.4
9	25.5 - 28.4
A	28.5 - 31.4
B	31.5 - 34.4
C	34.5 - 37.4
D	37.5 - 40.4
E	40.5 - 43.4
F	43.5 - 46.4
G	46.5 - 49.4
H	49.5 - 52.4
I	52.5 - 55.4
J	55.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	6 - 10
2	11 - 15
3	16 - 20
4	21 - 25
5	26 - 30
6	31 - 35
7	36 - 40
8	41 - 45
9	46 - 50
A	51 - 55
B	56 - 60
C	61 - 65
D	66 - 70
E	71 - 75
F	76 - 80
G	81 - 85
H	86 - 90
I	91 - 95
J	96 - 100

4d. SITE INDEX

Will normally be assessed realm referenced at 50 years
Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index curves (relating 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. Immature stands, stands with a history of stand tending. Where previous if associated fields in the data base are inventory type because all estimated examples.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREESHRUB
- SB SHRUB - shrub with average shrub height >= 1 m less metres.
- SH SHRUB TALL - shrub with average shrub height < 1m metres.

NON-TREE HERB
- H >50% - trees with no distinction between herbs and graminoids.
- HG >50% - 100% - herb with tree/s 50% of the herb cover.
- HT <50% - herb with graminoids > 50% of the herb cover.

NON-TREE MOSS
- Sb BRYOID - bryoid with no distinction between mosses and lichens by cover.
- Sm MOSS - mosses with tree/s 50% of the herb cover.
- Sl BRYOID - LICHEN - bryoid where lichen > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ac	AVALANCHE	gc	GRAVEL PIT
b	BEACH	gl	GLACIER
c	BOULDERFIELD	h	LAKE/ED
d	BURNED AREA	i	ICEFIELD
e	BURNED AREA	j	FENCE or LAKE EDGE/MEADOWS
f	CUTBANK	m	OPEN PIT MINE
g	GRAMINOID SOILS	n	MORAINE
h	ACTIVE		
gb	GRAVEL BAR		
gp	GRAVEL PIT		
gr	GRAVEL		
ic	ICEFIELD		
ld	LANDSLIDE		
ls	LAKESHORE		
mu	MUDFLAT/EDGE/MEADOW		
ob	OUTCROP		
ol	OUTCROP		
os	OCEAN		
p	POND		
r	RIVER/CREEK		
re	RESERVOIR		
rk	ROCK/OUTCROP		
rm	MORAINE		
rn	RESERVOIR MARGIN		
rr	RAILWAY SURFACE		
rv	RIVER SEDIMENTS		
sa	SALT MARSHES		
t	TALUS		
tl	TAILINGS		
w	WATER		

Non categories by cc, w, or i not allowed over 4 ha and coverage.

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

AF	ALPINE FOREST Nonvegetated	NP	NON-PRODUCTIVE BRUSH
C	CULTIVATED	NPBS	NON-PRODUCTIVE BURN
G	GRASS	NPD	NON-PRODUCTIVE Desert
GB	GRAVEL BAR	NPO	NON-PRODUCTIVE Operations
GR	GRAVEL PIT	OR	OPEN RANGE
I	ICEFIELD	R	ROCK
M	MEADOW	S	SWAMP
MU	MUDFLAT		

SAND	SAND		
TAL	TALUS FLAT		
U	URBAN		
NC	NON-COMMERCIAL		
NCBR	NON-COMMERCIAL BRUSH		
NF	NON-FOREST		
NFVS	NOT SUITABLE/VEG STOCKED		
NFS	NOT SUITABLE/NOT STOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging
C	Cutting	N	Non-Damage
D	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	F	Cone and Seeding Fungal Pathogens
	insects		
R	Site Rehabilitation		
U	Damage Unknown		
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 "Map Place" can be used to view this type of information. Select the RESULTS LINE tab then click on "Display Silviculture Map" to turn on display values for:-

OPENING
OPENING LABEL
OPENING HISTORY ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH
WILDLIFE TREE PATCH COVER

Overflow Labels