Vegetation Map
082L098

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 derived 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 intended for use at 1:20,000 scale. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Cadastral data source (ESA).

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Sensitive Opening In Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM_Base Feature:
- Air Built Areas
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Yards
- 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 (> 1,000,000 ha - 10 % 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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LINE_DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon No. / Multi-layer stand multi-layer stand indicator (L)
3 Species Composition
  ex. the most important layer is described as Fd (Douglir Fir) and Hw (Western Hemlock)
4 Age Class / Height Class / Crown Closure Class (Site Index)
  ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10 mts), crown closure class 1 (5-19%), 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
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Line 1 - History Record Opening Number :

OGN - opening number valid for BCGS mapsheet none - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
A, 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 Compositions and Leading Species are labelled in their order of predominance. Major first letter in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2005

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YEW
Ya	Pacific Yew
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Hr	mountain Fir
Hg	Grand Fir
Hm	Mountain Hemlock
H	HEMLOCK
Hw	Western Hemlock
Hxm	Western x Mountain Hemlock hybrid
Hmw	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sitkanlin Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodge Pole
Pli	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plx	Lodgepole x Jack Pine hybrid
Pfx	Ponderosa Pine (ponderosa)
Pw	Western White Pine
Pa	Whitebark Pine
Py	Yellow Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxe	Spruce hybrid
Sxl	Sitka x White
Sxl	Sitka x White
Sxs	Sitka x Lutenson hybrid
Ss	Sitka
Yc	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	APPLE
A	ASPEN
At	Trembling Aspen
Ac	Black Cottonwood
Ae	Aspen
Ap	Balsam Poplar
Act	Black Cottonwood
Ae	Aspen
At	Trembling Aspen
E	ARBUTUS
Em	Pacific
B	BIRCH
Bp	Alaska Paper Birch
Bpl	Paper Birch x Alaska Hybrid
Bpl	Paper Birch (white)
Bw	Water Birch
Bb	Black Birch
C	Cascara
V	DOGBER
Vc	Choke Cherry
Vcx	Choke Cherry
Vp	Pin Cherry
Vpx	Pin Cherry
Vpc	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (bearded)
Mv	Vine Maple
G	OAK
Gg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpb	Pacific Willow (Bendy-bch)
Wsl	Pacific Willow (grey-leaved)
Wb	Scouler's Willow
Wy	Sitka Willow (low-level)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardwood
Z	OTHER (tree not listed)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ep	APPLE
Ep	Paradise
Ax	ASPEN, COTTONWOOD or POPLAR
Ax	Northern Cottonwood
Ba	BASSWOOD
Be	European Birch
Bn	Paper Birch (Europe)
Bl	Yellow Birch
Bp	Paper Birch
Ch	Sweet Cherry
Cr	CYPRESS
Cr	Monterey Cypress
Fd	Fir (Subalpine)
Bg	Balsam Fir
Fb	Balsam Fir
Fbb	Alaska Red Fir
Fr	White Fir
Fr	White Fir
Lk	Tamarack Larch
Lt	Siberian Larch
Lt	Larch
Mo	Box Elder
Mr	Norway Maple
Mrp	Norway Maple Reds
Oa	OAK
Oa	English Oak
Oa	Pedunculate Oak
Ox	OTHER EXOTICS
Ox	Other Exotics
Os	Giant Sequoia
Ow	Western Redcedar
Ow	European Mountain Ash
Ow	Siberian Elm (southern)
Ow	Cedar (Exotic)
Ow	Corkscrew Hazel
Ow	White Ash
Ow	Common Black Hickory
Ow	Chestnut sweet
Ow	Japanese Walnut
Pi	PINE
Pi	Monterey Pine
Pi	Red Pine
Pi	Scots Pine
Sp	SPRUCE
Sn	Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-80
5	81-100
6	101-120
7	121-250
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)
0	0 - 5
1	6 - 18
2	19 - 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 site height at the nearest metre referenced at 50 years breast height age. It is based on the age and height of the leading species. When an accurate SI cannot be obtained from survey data, SI is estimated from the Site Index Curves for the species.

4e. ESTIMATED SITE INDEX

Estimated Site Index is the site index estimated at the time of the overall present, e.g. using Variable Radius Plots. It is recorded to a class which always precedes it. Associated fields in the data base are inventory type, basal area and species composition.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and L) (pp.v-vi):

NON-TREE SHRUB
- s SHRUB TALL — shrub with average shrub height > or = to 2 metres.
- d SHRUB DWARF — shrub with average shrub height < two metres.

NON-TREE HERB
- h HERB
- H HERB - FORBS — herb with no distinction between forbs and graminoids.
- G HERB - GRAMINOIDS — herb with graminoids > 50% of the herb cover.

NON-TREE SHRUB
- b BRYOID — bryoid with no distinction between mosses and lichens by cover.
- m BRYOID - MOSS — bryoid with moss > 50% of the bryoid cover.
- l BRYOID - LICHEN — bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I) (pp.vi-vii):

w	AIRPORT	gr	GravEL Pit	mu	MUSKEG SEGMENT
w	BEACH	lk	LAKE	mi	RUBBLY MINE SPOILS
w	BOULDERFIELD	ld	LANDING	ot	OTHER
w	BOREOLES	ld	LANDING		
fw	BURNED AREA	s	POND or LAKE SEDIMENTS	sn	SNOW COVER
w	CLIFF/BANK	rd	ROAD or TRAIL	ice	PERM ICE
w	EXPOSED SOILS	rs	ROADWAY SEGMENT	w	WATER
gl	GLACIER				

Note: these categories (ie. ex, rs, ri) not labelled over 90 percent coverage.

m	RESERVOIR MARGIN
rw	RAILWAY SURFACE
rs	ROADWAY SURFACE
rs	ROAD SURFACE
s	TAILUS
w	WATER
r	URBAN

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

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
B	BROKEN FOREST (Species	NPB	NON PRODUCTIVE BRUSH	PEAT	PEAT
C	CULTIVATED	NPBg	NON PRODUCTIVE BURN	URBAN	
D	DENSE	NPF	NON PRODUCTIVE FOREST (Species		
G	GRASS, MEA	NPM	NON PRODUCTIVE MEADOW	NC	NON COMMERCIAL
I	INTERVALLEY	R	OPEN RANGE	NCB	NON COMMERCIAL BRUSH
KD	DENSELY	S	SPARSELY	NFA	NON FORESTED ALPINE
M	MEADOW	K	ROCK	NFR	NOT SUFFICIENTLY RESTOCKED
MOD	MOSTLY	S	SAND	NYA	NOT YET AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceded 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	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mkt Damage	T	Treatment Injuries
C	Cones and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seeding Fungal Pathogens	V	Protoxin Vegetation
I	Insects				

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 find the required information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

OPENING
OPENING LABELS
ACTIVITY TREATMENT ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels