082L087

Vegetation Map
082L087

Scale: 1:20,000

1 Kilometers: 0 0.25 0.5 0.75

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 portrayed may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour the 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 (GY3)
- Research Installations

TRIM_Base Features:
- Airdrill Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfl ields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainage - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Mgt. Regions Compartment - FADM
- Forest Licence 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 Watasheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

01	LINE_DESCRIPTION
E	1. Structure symbol and Opening Number
ESSL	2. Polygon Number and multi-layer stand indicator (L)
Fd50	3. Species Composition
Pl30	ex. the most important layer is described as Fd (Douglir Fir) and Hw (Western Hemlock).
Sx20	4. Age_Height_Crown Closure Class Code - separator - Site Index / estimated SI
Cw10	ex. 50 years old, 25 m tall, 40% crown closure, Site Index 20 m (medium site class 1 (5-15%), SI 21m
Hw10	5. Vegetated Density Class (or Non-Forest/Productive Description)
Cw10	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

0001 - opening number valid for BCGS mapsheet. 0001 - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:

- Polygon Number: A changing from one to nine digits
- Multi-layer Number: a separate description of each layer is available in the data base, (e. f. 2)

Line 3 - BC 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 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fd	FIR (Balsam)
Bg	Amabilis Fir
Bl	Subalpine Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
Js	Seaside Juniper
La	LARCH
Lt	Alpine Larch
Lt	Tamarack
Lw	Western Larch
PW	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pli	Ponderosa Pine (yellow)
Pla	Shore Pine (scrub)
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sb	Engelmann Spruce
Ss	Sitka Spruce
Sx	White Spruce
Sxl	White x Lutz hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Lutz hybrid
YEW	
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dm	ALDER
Ep	Paper Birch (white)
E	BIRCH
A	COTTONWOOD
Ac	Cascade
Act	Black
Ax	Balsam Poplar
Ac	Plains Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
Ep	Paper Birch
Ey	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
K	DOGWOOD
Kc	Cascara
Kp	Pacific
Vs	Bitter Cherry
Vv	Choke Cherry
Vp	Pin Cherry
Q	OAK/ARCS
Qg	Pacific Dogwood (eastern flowering)
Mb	MAPLE
Mt	Bigleaf Maple (broadleaf)
Mb	Vine Maple
Ma	Red
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wy	Prairie/Peach Willow (Barclay's)
Wr	Rosey Willow (glaucous)
Wp	Pacific Willow (Scouler's)
Wh	Sitka Willow (medsarian)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardwood
Xc	unknown softwood
Z	OTHER (see notice list)
Zh	other hardwood
Zs	other softwood

EXOTICS

Ui	APPLE
Uip	Apple
Act	*BALSAM x COTTONWOOD or POPLAR
Act	*Southern Cottonwood
Ep	BIRCH
Ep	European Birch
Ey	Silver Birch (swamp)
Ey	Yellow Birch
Ay	CHERRY
Vs	Sweet Cherry
Vv	Choke Cherry
Yo	*Port Orford Cedar
F	FIR (Balsam)
Bp	*Noble Fir
Bg	Noble Fir
Bm	**Shasta Red Fir
Bg	Grand Fir
L	LARCH
Le	*Dahurian Larch
Lk	*European Larch
M	MAPLE
Mr	Red Maple
Mn	*Norway Maple
Mr	*Sycamore Maple
OA	OAK
Qr	Red Oak
Qw	*White Oak
	OTHER EXOTICS
Ch	*Horse Chestnut
Ch	*Japanese Catalpa
Cp	*Cedar Redwood
Ca	European Mountain Ash
Ag	Green Ash (southern)
Dr	Common Pear
Dg	Oregon Ash
Ds	*Russian Olive
Ch	*Shagbark Hickory
Cl	Tree of Heaven
Cb	*Japanese Walnut
Ch	Elm
Ae	*Monkey Pine
Pa	*Italian Pine
Pa	*Austrian Pine
SPRUCE	
Sn	*Norway Spruce

Line 4

4a: AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-100
5	101-120
6	121-140
7	141-250
8	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 - 15
2	16 - 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

50 (in) is known to be valued metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. Where a curve over 50 cannot be obtained from existing height - diameter curves often or replaces the SI.

4e: ESTIMATED SITE INDEX

SI is estimated when actuals SI data cannot present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. A second digit field in the data base is for Site Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB

s	SHRUB TALL - shrub with average shrub height > or = to two metres.
w	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 SHRUB

by	BRYOID - bryoid with no distinction between mosses and lichens by cover.
bm	BRYOID - MOSSES - bryoid with mosses > 50% of the bryoid cover.
bl	BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gl	GRAVEL PIT	mv	MUDFLAT SEDIMENT
br	BEACH	la	LAKE	mj	RUBBLY MINE SPOILS
cl	CLIFF/ROCKFALL	lk	LOGGED	mt	TAILINGS
rk	BEDROCK	ll	LANDING	mo	OTHER
su	SURFICIAL MEA	lk	POND or LAKE SEDIMENTS	pn	SNOW COVER
sc	SCREE	ls	SLASH PILING	ri	RIVER/STREAM
sl	EXPOSED SOILS	mm	MORAINE		

Note: Water categories (la, ls, ri,) to be labelled over 50 percent coverages.

rr	RESERVOIR MARGIN
rs	RAILWAY SURFACE
rv	ROAD SURFACE
rz	ROAD SURFACE
ta	TALUS
ur	URBAN
ur	URBAN

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

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST Opening	NPBR	NON PRODUCTIVE BRUSH
CL	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST Openin
DU	DUNE/BEACH	R	ROCK/ROCKY BLUFF
GR	GRAVEL PIT	SAND	SAND
ICE	ICEFIELD	F	WATER
L	LAKE/RIVER	S	SWAMP
MUD	MUDFLAT		

SAND	SAND
SCRUB	SCRUB
U	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NSR	NOT SATISFACTORILY RESTOCKED
NTA	NOT TYPING AVAILABLE

Line 6 - Disturbance History

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

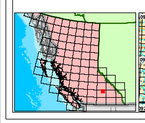
A	Animal Damage	L	Logging	R	Site Rehabilitation
C	Cone Crop	M	Mite Damage	T	Treatment Injuries
D	Drought and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of 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
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels