082K063

Vegetation Map
082K063

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 / Terrain

This map was created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the business functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information displayed may not be complete and up to date (Cutblock 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 (CVS)
- Research Installations

TRIM - Base Features:
- All-Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Frames
- Other Area
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodivertions - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RIV. 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 (> 1:200,000 ha - 15 % hatch)
- Municipal boundary (> 1:200,000 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:

Line1: 082K063 P1Ow
CUT 1. Structure symbol and Opening Number
ESA 2. Polygon Number and multilayer stand indicator (L)
Fd*Hw 3. Species Composition
SI 20 ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
BEC 4. Age, Height, Crown Closure Class Code - separator: Site Index / estimated SI
0078 5. Vegetated Density Class: or Non-Forest Productive Description / Non-Vegetated Non-Forest Structure class 1 (6 -15%), SI 20m
6. Vegetated Density Class: or Non-Forest Productive Description /
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
7. Disturbance History & year - ex: Logged in 1978.

Line 1 - History Record Opening Number

CUT - opening number valid for BCGS mapsheet ZZZZ - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - varying 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 labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C." Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

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	FIR (Balsam)
Ba	Amabilis 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 Mtn Juniper
Js	Sweetie Juniper
L	LARCH
Lt	Alpine Larch
Lw	Tamarack
Lx	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Py	Ponderosa Pine (yellow)
Pa	Shore Pine (scrub)
Pw	Western White Pine
Pyi	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sb	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxw	Engelmann x White
Sxl	Spruce Hybrid
Sxs	Sitka x Lutchman hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
Ac	BALSAM / COTTONWOOD or POPLAR
Act	Poplar
Acb	Balsam Poplar
Ace	Black Cottonwood
Ach	Hybrid Poplars
At	Trembling Aspen
Ax	Aspen Hybrid
Ay	Arbutus
E	BIRCH
Ep	Paper Paper Birch
Epa	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	DOGWOOD
Vc	Killer Dogwood
Vc	Choke Cherry
Vf	Red Osier
Q	OAK/GARRY
Qg	Pacific Dogwood (western flowering)
Qg	Garry Oak
M	WILLOW
Mw	Hooker Willow
Mb	Pacific Willow
Mb	Peachleaf Willow (Barklay's)
Ms	Scouler's Willow (Barklay's)
Mt	Scouler's Willow
Mt	Sitka Willow (tea-leaved)
X	UNKNOWN - OTHER
X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (See notice list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
Ab	Apple
Act	ASPEN, COTTONWOOD or POPLAR
Act	Southern Cottonwood
Ae	Aspen
Ea	European Birch
Eb	Silver Birch (swamp)
Ep	Paper Birch
Ew	Water Birch
Lt	LARCH
Lt	Tamarack Larch
Lx	Western Larch
Mb	Bur Elder
Mn	Manitoba Maple
Mo	Siyamore Maple
Oa	OAK
Oa	Anglian Oak
Ow	White Oak
	OTHER EXOTICS
Ob	Black Walnut
Ob	Giant Sequoia
Or	Coast Redwood
Os	Southern Red Oak
Ow	Garden Elm (southern)
Of	Common Pear
Ou	Ussurian Pear
Ow	White Ash
Oc	Shagbark Hickory
Ob	Black Walnut
Ow	Japanese Walnut
	PINE
Pm	Monterey Pine
Pr	Red Pine
Pp	Sugar Pine
Pw	Weymouth
Pr	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	141-200
9	201 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 16.4
3	16.5 - 19.4
4	28.5 - 37.4
5	37.5 - 46.4
6	46.5 - 54.4
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

All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant trees. Where the age and height are known, the estimated age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when applied SI does not exist or is not present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes the estimated SI, e.g. /20. SI is derived from the Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Use V and I or O or N)

NON-TREED SHRUB
- sl SHRUB TALL - shrub with average shrub height > or = to two metres.
- sm SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- h HERB - herb with no distinction between forbs and graminoids.
- w HERB - FORBS - herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MOSS
- b BRYOID - mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverwrts, and hornwrts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NO VEGETATED
- st Exposed Land
- w Water / Ice
- sn Snow / Ice

NON-VEGETATED CATEGORIES (Use V and I or O or N)

ac	ASH CAP	mp	MUDFLAT SEDIMENT
ar	ASH CAP	mr	RUBBLY MINE SPOILS
b	BOULDERFIELD	mo	OCEAN
bl	BLOCKFIELD	mr	RESERVOIR
bm	BOULDER AREA	r	RIVER / STREAM
bs	BOULDER SOILS	s	SAND
cb	CUTBANK	sc	SNOW COVER
cs	CUTBANK SOILS	t	TAILINGS
ec	ESCARPMENT	u	URBAN
g	GLACIER		
gl	GLACIAL TILL		
gr	GRAVEL PIT		
ka	KARST		
mn	OPEN PIT MINE		
mr	MORAINE		

Note: Water categories (w, ws, m, r) not labelled over 60 percent coverage.

rm	RESERVOIR MARGIN
rs	RAILWAY SURFACE
rv	RIVER SEDIMENTS
rz	RIVER GRAVEL
ts	TILLAGE
t	TAILINGS
u	URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Use V reserves)

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NPL	NON PRODUCTIVE LAKE
GR	GRAVEL PIT	OR	ORCHARD
KS	KOPJELD	P	WASTFIELD
MU	MUDFLAT	R	ROCK
MUD	MUDFLAT	S	SWAMP

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NSR	NOT SATISFACTORILY RESTOCKED
NVA	NOT YPING AVAILABLE
RMD	SAND
TIDE	TIDAL FLAT
U	URBAN

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
C	Cone Crop	M Mechanical Damage
D	Cone and Seed Insects	N Non-Biological Injuries
I	Diseases	P Cone and Seeding Fungal Pathogens
	Insects	
		R Site Rehabilitation
		T Treatment Injuries
		U Damage Unknown
		V Problem Vegetation

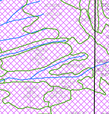
Example Opening History Details

Detailed Silviculture Information is available on the BCGW utilizing either IMF or ArcMap. The ArcMap example is of Interned RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "RESULTS" tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
FOREST COVER / INTEREST COVER
WILDLIFE TREE PATCH





Overflow Labels