Vegetation Map
082F084

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 / Terrabc

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 contained in this map is not to be used for navigation. Only commercial/administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised is June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM Base Features:
- Ice Soft Reefs
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other Lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric Areas - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV. Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrabc
- Municipal boundary (1:1,000,000 No. / 10 % hatch)
- Municipal boundary (1:1,000,000 Not. / no hatch)
- National Parks
- Fechlatures
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE_DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class Code - example: Site Index = estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4 m), crown closure class 1 (6-15 %), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

- opening number used for BCGS mapsheet
zzzz - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
L Vertically stacked, separate description if each layer is available in the data base, i.e. 1, 2)

Line 3 - BC Tree Code List

Species Composition: Species are labeled in the 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
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS-FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir
Bl	Subalpine Fir
Bp	Pacific Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Western x Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetgale Juniper
L	LARCH
La	Subalpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (Coastal)
Pxj	Pendoray Pine (jackpine)
Pa	Whitebark Pine
Pw	Western White Pine
Pa	Whitebark Pine
Pf	Limber Pine
Ps	Scots Pine
Se	Engelmann Spruce
Sb	Black Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxw	Spruce Hybrid White
Sxl	Sitka x White
Sxw	Sitka x Interior hybrid
Ss	Sitka Spruce
Te	Western Yew

NATIVE HARDWOOD

D	ALDER
Dr	Red Alder
Ds	sitka
Dl	Pacific Crab Apple
E	BIRCH (COTTONWOOD or POPLAR)
Ep	Poplar
Eb	Balsam Poplar
Ec	Black Cottonwood
Et	Trembling Aspen
Ew	Paper Birch
Ey	Alaska
Ea	Alaska
Ey	Alaska Paper Birch
Eyx	Alaska Paper Birch hybrid
Ew	Paper Birch (white)
Ey	Water Birch
G	GARRY OAK
K	CHERRY
Kr	CHERRY
Kb	Black Cherry
Kc	Choke Cherry
Kp	Pin Cherry
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	WILLOW
Og	Sitka Willow
Ow	Willow
Ow	Scouler's Willow
Ow	Pacific Willow
Ow	Pacific Willow (Bendy's)
Ow	Pacific Willow (Lyall's)
Ow	Scouler's Willow
Ow	Willow (Undifferentiated)

UNKNOWN / OTHER

X	UNKNOWN
Xc	Unknown Conifer
Xh	Unknown Hardwood
Z	OTHER (see note or list)
Zc	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ua	Apple
	ASPEN, COTTONWOOD or POPLAR
At	*Southern Cottonwood
Ae	Aspen
Ea	European Birch
Ek	Silver Birch (exotic)
Ep	Hybrid Poplar
	CHERRY
Vs	Sweet Cherry
Vu	Cherry
	*Red Ohne Cedar
Cr	*Eastern White Cedar
Bk	*Balsam Fir
Bn	*Noble Fir
Bm	*Shasta Red Fir
Bv	*White Fir
Lk	Larch
Ld	*Dahurian Larch
Lx	*Eastern Larch
Mb	Maple
Mk	Bat Eden
Mr	*Norway Maple
Mp	*Sycamore Maple
Oak	
Qb	*English Oak
Qr	*Red Oak
	OTHER EXOTICS
Oa	*Horse Chestnut
Oc	*Giant Sequoia
Oe	*Common Beech
Ob	European Mountain Ash
Or	Siberian Elm (exotic)
Ou	*Black Walnut
Op	Oregon Ash
Oi	*White Ash
Ol	*Common Hickory
Oj	*Red Horse
Oh	Japanese Walnut
	PINE
Pn	*Monterey Pine
Pi	*Red Pine
Pp	*Ponderosa
	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	141-250
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 - 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
Site index is the tree height at 50 years breast height age. Site index is used as a measure of site productivity. Site index is estimated from height and age measurements, corrected to a known offset, or replace the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when access SI data are not present, e.g. young stands (<20yrs). It is estimated by a stand which always has SI data. Estimated SI is based on site series and inventory Type Group and SI attained across code.

Line 5 - Vegetation record

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

NON-TREED SHRUB
SB SHRUB - shrub with average shrub height > or = to two metres.
SH 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 MYCOID
Ta MYCOID - mycoid with no distinction between mosses and lichens by cover.
Tm MYCOID - MOSS - mycoid with mosses > 50% of the mycoid cover.
Tl MYCOID - LICHENS - mycoid with lichens > 50% mycoid cover.

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

W	WATER	R	RIVER
ROCK		L	LAKE
B	BLOCKFIELD	L	LAKEBED
R	ROCKBLUFF	S	SLUICED
SUBROCK			SAND or ALKE SEDIMENTS
SUTBANK		W	OPEN PIT MINE
U	UNCONSOLIDATED		
E	GLACIER		

	MUDFLAT SEDIMENT
	RUBBLE MINE SPOILS
O	OCEAN
I	ICEFIELD
	SNOW COVER
	RESERVOIR
	CANAL or STREAM

	RESERVOIR MARGIN
	ESTUARY SURFACE
	RIVER SEDIMENTS
	TIDAL FLAT
	TALUS
	TAILINGS
	DUNE

Note: Water categories (lo, re, ri, rs) delineated over 50 % percent coverage.

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

ALPBE	ALPINE BARREN
ALPDM	ALPINE DRYAS MEADOW
ALPFE	ALPINE FESCUE MEADOW
ALPKM	ALPINE KOBRESIA MEADOW
ALPMT	ALPINE MOSS TUNDRA
ALPSH	ALPINE SHRUB
BRYOID	BRYOID
BU	BURN
CL	CLEARCUT
CROP	CROP
DECID	DECIDUOUS
DRAIN	DRAINAGE
EXPOS	EXPOSED
FLOOD	FLOODING
GRAVEL	GRAVEL
GRSHR	GRASS-SHRUB
HERB	HERB
HERBM	HERB-MOSS
HERBS	HERB-SHRUB
LAKE	LAKE
LICHEN	LICHEN
MEADOW	MEADOW
MOSS	MOSS
MUD	MUDFLAT
NP	NON-PRODUCTIVE
NPBSH	NON-PRODUCTIVE BRUSH
NPHRB	NON-PRODUCTIVE HERB
NPTFS	NON-PRODUCTIVE FOREST Species
OPEN	OPEN
OR	OPEN RANGE
POND	POND
RIVER	RIVER
SWAMP	SWAMP
SAND	SAND
TIDALF	TIDAL FLAT
URBAN	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NSR	NOT SATISFACTORY
NSRR	NOT SATISFACTORY RESTOCKED
NTA	NO TYPING 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
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		S	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW Silviculture Activity Layer. The Map3view example is offered as a RESULTS data.

The Ministry of Forests, Mines and Lands web application MAP3VIEW 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
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels