Vegetation Map
082F012

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 is created from vector data 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 derived from TRIM and VRI data. Administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised in June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM Base Features:
- Ice Built Peaks
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Fields
- Other Lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Islands/Rocks - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MoF Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal Boundary (1:1250,000 fsc - 10 % hatch)
- Municipal boundary (1:1250,000 fsc - no hatch)
- National Parks
- Parchworks
- 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 Polygon Historical 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 is estimated SI ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Vegetated Diversity Class (or Non-Forest/Productive Descriptor)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History (occurs in Layer 1 or NFD)

Line 1 - History Record Opening Number

- 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 Vertically stacked or separate polygons 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 their order of predominance. Major-Not 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)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
Bp	Pacific Fir
Hm	Mountain Hemlock
H	HEMLOCK (Western)
Hxm	Western x Mountain Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn Juniper
Js	Savanna Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (variety)
Plc	Lodgepole Pine (Coastal)
Pw	Whitebark Pine (white)
Pxj	Pine hybrid
Pyl	Western White Pine
Py	Ponderosa Pine
Pa	Whitebark Pine
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Su	Spruce hybrid
Sxb	Spruce hybrid White
Sxl	Sitka x white
Sxl	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
A	ALDER, SITKA
At	ASPEN
Ac	Pacific Cott-Aspen
Act	Black COTTONWOOD or POPLAR
Ep	Paper Birch
Ebp	Balsam Poplar
Ebt	Trembling Aspen
Ep	Aspen Poplar
Ac	Cottonwood
Ac	Poplar
Ep	Aspen
Ep	Paper Birch
Epb	Paper Birch hybrid
Epw	Paper x Royal Birch hybrid
Ew	Trembling Aspen (white)
Ew	Water Birch
Ep	Aspen
Ep	Cascara
D	OAKBY
Dg	Garry Oak
D	Oregon Cherry
Dr	Pin Cherry
Dw	Bitter Cherry
Dm	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (bearded)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
Y	WILLOW
Yb	Black Willow
Ww	Pacific Willow
Wb	Black Cottonwood (Balmbuy)
Wbl	Peace River type (Balmbuy)
Wa	Sawbuy's Willow
Wp	Prairie Willow (pussy)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Unknown conifer
Xh	Unknown hardwood
Z	OTHER (see notes on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ux	Apple
	ASPEN, COTTONWOOD or POPLAR
Ax	*Southern Cottonwood
Ae	*Aspen
Ep	European Birch
Ek	Silver Birch (exotic)
Ew	*Weeping Birch
	CHERRY
Vs	Sweet Cherry
Vu	*Ussuri Plum
Vp	*Pin Cherry
	FIR (Balsam)
Bc	*Corkbark Fir
Bn	*Noble Fir
Bnn	*Noble x Grand Fir
Bv	*Veitch Fir
	LARCH
Lk	*Siberian Larch
Lx	*Siberian Larch hybrid
Mb	Box Elder
Mr	*Norway Maple
Mp	*Silver Maple
Oak	
Qe	*English Oak
Qx	*Oak hybrid
	OTHER EXOTICS
Ox	*Incense Cedar
Ow	*Western Larch
Or	*Grand Redwood
Ot	*Tree of Heaven Ash
Ob	Siberian Elm (southern)
Oc	*Catalpa
Og	Oregon Ash
Ob	*White Ash
Oh	*Horse Chestnut Hickory
Oj	*Tree of Heaven
Oj	Japanese Walnut
	PINE
Pn	*Norway Pine
Pr	*Red Pine
Pss	*Scots Pine
	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 - 16.4
3	16.5 - 19.4
4	26.5 - 37.4
5	37.5 - 48.4
6	48.5 - 64.4
7	65.5 - 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 height the stand will make reference at 50 years. Record Height (ht), age of the age and height of the leading species. When an accurate SI cannot be obtained from site index estimated curves refer to Variable Ref SI.

4e. ESTIMATED SITE INDEX

If a estimated when accurate SI base enhancement, e.g. young stands (<30yrs). If a standard to a stand which always determine if inaccurate fields in the database as inventory. Age 30 to get SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREED CODES (for V and I records)

NON-TREED SHRUB
- sb SHRUB - shrub with average shrub height < or = to two metres.
- d SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- he 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 MIXWOOD
- tb MIXWOOD - tryoid with no distinction between mosses and lichens by cover.
- tm MIXWOOD - MOSS - tryoid with moss > 50% of the tryoid cover.
- tl MIXWOOD - LICHENS - tryoid with lichens > 50% of the tryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ac	ANGLO	gl	GLACIER
b	BEACH	i	ISLAND
b	BUCKFIELD	l	LAKARID
cb	CLIFF/BANK	m	MARSH
cs	CURRENT/CAVE	o	POND or LAKE SEDIMENTS
cs	CUTBANK	os	OPEN PIT MINE
d	DELTA or SOILS	r	RIVERINE
gl	GLACIER		

Note: Water categories (ac, cs, ds, is) are displayed over the polygon coverage.

mu	MUSKEG SEGMENT	rs	RESERVOIR MARGIN
mu	RUBBLE/MINE SPOILS	s	SALINE/EVAPORITE
o	OCEAN	s	RIVER SEDIMENTS
r	RIVER	s	SNOW SURFACES
sn	SNOW COVER	t	TALUS
r	RESERVOIR	t	TAILINGS
rs	RIVER SEDIMENT	u	URBAN

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE BRUSH
BY	BOG/MUSKEG	NPBS	NON-PRODUCTIVE BURNS
CL	CLAY MINE	NPFS	NON-PRODUCTIVE FOREST (Species
GP	GRAVEL PIT	NR	NON-REGENERABLE
GR	GRAVEL PIT	OA	OPEN AREA
L	LOGGING	P	PASTURE
M	MEADOW	S	SWAMP
MUD	MUD FLAT		

NAT	SAND		
TEA	TIDAL FLAT		
U	URBAN		
		NCB	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH		
NFL	NON FOREST LAND		
NFS	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
Final 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
E	Unknown	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 MapView example is of the new RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "Forest Cover" layer and then 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