Vegetation Map
093G094

Scale 1:20,000

1 0 0.25 0.5 0.75 1 Kilometers

1 0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS - Ownership
Base Map Source: TRIM / Terrain

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 on this map is not to be used for land title purposes. Administrative boundaries and the Ownership colour theme are for reference purposes only. Legend revisions June 2016.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Excluded Opening # Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM, Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Forest Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rivers/Aberdarkers - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RY_Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (< 1:250,000 fide - 10 % hatch)
- Provincial boundary (< 1:250,000 fide - 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:

LINE DESCRIPTION
1. Polygon Identifier and Opening Number.
2. Polygon Number and multi-layer stand indicator (Li).
3. Species Composition:
   For single stand (1 layer) is described as *Fd (Douglas Fir) and Hw (Western Hemlock)*.
4. Age, Height, Crown Closure Class Code - separated by /
   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 Density Class (or Non-Forested Vegetative Descriptor).
   ex. a rock polygon with scattered herbs and graminoids, shrubs less than 2m.
6. Disturbance History & year - ex. Logged in 1979.

Line 1 - History Record Opening Number
- opening number valid for BCGS mapsheet.
- opening number has not been assigned

Line 2 - Polygon No. / Multi layer
VRIMS Polygon Number - ranging from one to nine digits
L - Multi-layered stand ie separate description of each layer is available in the data base, i.e. 1,2)

Line 3 - BC Tree Code List 1)

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 6.4 dated January 2009.

NATIVE CONIFERS

Ba	Grand Fir
C	CYPRESS
Cw	Western Redcedar
D	DOUGLAS-FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Hm	Mountain Hemlock
Ba	Amabilis Fir
Bl	Alpine Fir
B	Subalpine Fir (alpine)
H	HEMLOCK
Hw	Western Hemlock
Hwk	Western Hemlock Hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetbrier Juniper
L	LARCH
Lw	Western Larch
La	Tamarack
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Pld	Lodgepole x Jack Pine (hybrid)
Pli	Lodgepole Pine (latifolia)
Pg	Shore Pine (contorta)
Pj	Jack Pine (banksiana)
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxl	Lutz Spruce
Sxw	Englemann x White
Sxl	Sitka x White
Sxs	Sitka x White hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
Ac	Red Alder
D	APPLE
Ep	Pacific Crab Apple
AT	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Ac	Black Cottonwood
Act	Narrow Cottonwood
Ae	Aspen
At	Trembling Aspen
Ap	Poplar
Ba	Balsam
E	BIRCH
Ep	Alaska Paper Birch
Ew	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
C	CASCARA
D	DOGWOOD
Dc	Pacific Dogwood
Dp	Choke Cherry
Dr	Pin Cherry
Dw	Western Dogwood (western flowering)
G	GARRY OAK
Gb	Bigleaf Maple (broadleaf)
Gm	Vine Maple
H	OAK
M	Ginny Oak
Mb	Bigleaf Maple
Mv	Vine Maple
Ma	Mountain Maple
Wa	Peachleaf Willow (Banksy's)
Wp	Pacific Willow (Hookeriana)
Wr	Scouler's Willow
Wy	Sitka Willow (low-branch)

UNKNOWN / OTHER

X	unknown hardwood
Xc	unknown conifer
Xh	unknown broadleaf
Z	OTHER (tree not on list)
Zz	other conifer
Zh	other hardwood

EXOTICS

AP	APPLE
Ax	Apple
AT	ASPEN, COTTONWOOD or POPLAR
Ax	Poplar
AW	ASPEN, COTTONWOOD or POPLAR
Ax	Poplar
Ew	European Birch
Ep	Alaska Paper Birch
Ey	Yellow Birch
C	CHERRY
Cs	Sweet Cherry
Cv	Sour Cherry
Y	YEW
Yc	Pacific Yew
Yh	Hybrid Yew
Lc	Siberian Larch
Ld	Larch
Ls	Dahurian Larch
Mb	Norway Maple
Mp	Purple Leaf Maple
O	OAK
Oc	Chinkapin Oak
Ow	White Oak
P	PINE, SPECIES
Pa	Austrian Pine
Pb	Scots Pine
Pc	Corsican Pine
Pf	Ponderosa Pine
Pm	Mugo Pine
Pp	Lodgepole Pine
Pw	Western White Pine
Pyc	Common Pear
Pyd	Ornamental Pear
Q	OAK
Qa	Garry Oak
Qb	Bur Oak
Qc	Chinkapin Oak
Qg	Garry Oak
Qm	Mongolian Oak
Qr	Red Oak
Qw	White Oak
S	SPRUCE, SPECIES
Sa	Alcock Spruce
Sc	Colorado Blue Spruce
Sn	Norway Spruce
Sp	Engelmann Spruce
Sr	Red Spruce
Ss	Sitka Spruce
Sw	White Spruce
W	WILLOW
Wb	Bebb Willow
Wc	Coyote Willow
Wi	Japanese Fuji Willow
Wm	Miyabeana Willow
Wp	Pacific Willow
Wr	Scouler's Willow
Wy	Sitka Willow

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
All SI are shown to the nearest metre referenced at 50 years. Species codes: Fd, Cw, Pl, Sx, Ba, Hw, Ep, Ac, At, Ax. Site curve and leading species. Where an SI record is not obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees cannot present, e.g. Non-forested, Alpine, Rock, Recently logged, Cultivated areas. Denotes in Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records 2)

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

NON-TREES SHRUB
- SHRUB (%) - shrub with average shrub height > or = to two metres.
- LOW SHRUB (%) - shrub with average shrub height < two metres.

NON-TREES HERB
- HERB - herb with no distinction between forbs and graminoids.
- FORB - herbaceous forbs (non-grass).
- GRASS/SEDGE - herb with dominants > 50% of the herb cover.

NON-TREES BRYOID
- BRYOID - bryoid with no distinction between mosses and lichens by cover.
- MOSS - bryoid with mosses, liverwort, and hornwort > 50% of the bryoid cover.
- LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gl	GRAVEL PIT
bl	BEACH	lk	LAKE
bo	BOULDERFIELD	ma	MARSH
br	BEDROCK	mi	MINE
cb	CLIFF/BANK	mn	OPEN PIT MINE
cu	CUTBANK	oc	OCEAN
dl	DUMPS/LANDFILLS	rd	ROAD
gl	GLACIER		

ml	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
rb	RUBBLY MINE SPOILS	rs	RAILWAY SURFACE
rc	RIVER	ss	SALTWATER SURFACE
rl	LIVING	su	ROAD SURFACE
rn	NON-LIVING	tl	TALUS
rr	RESERVOIR	tw	TAILINGS
rv	RIVER MARGIN	ur	URBAN

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

A	ALPINE	NP	NON-PRODUCTIVE
C	CULTIVATED FOREST Species	NPBR	NON-PRODUCTIVE BRUSH
CF	CULTIVATED FOREST	NPBS	NON-PRODUCTIVE BRUSH Species
G	GRASS	NTA	NOT TREED AVAILABLE
GR	GRAVEL PIT	OA	OPEN RANGE
H	HERB	R	ROCK
M	MEADOW	SCR	SCRUB
SNO	SNOW/ICE	SWAMP	

SAND	SAND		
TIDAL	TIDAL FLAT		
TU	TUNDRA		
NCBR	NON COMMERCIAL BRUSH		
NCR	NON COMMERCIAL		
NSP	NOT SUPPORTED BY ECOSYSTEM		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History 3)

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
B	Burning	N	Non-Forest Cover
C	Core and Seed Insects	O	Other Unknown Injuries
D	Diseases	P	Cone and Seeding Fungal Pathogens
E	Environmental stress		
		S	Site Rehabilitation
		T	Stand Tending
		U	Salvage 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 found under Layer Files.

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 LABEL
- OPENING - PLANTING ACTIVITY
- OPENING - TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH

Overflow Labels