Vegetation Map
082F046

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 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 displayed on this map is not to be used for determining administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised June 2014)

Labels Projected To January 1, 2016

MAP SYMBOLOGY

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

TRIM_Base Features:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeature lines - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrisk
- Municipal boundary (1:250,000 No - 1% hatch)
- Municipal boundary (1:1,000,000 No - 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:

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CD
ESSFmw
Pl 60
Sx 40
ROAD
CUT
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LINE DESCRIPTION:
1. Silviculture symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Composition
   ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
   Fd 60 Hw 40 - Fd is 60% of the stand cover, Hw is 40% of the stand cover
   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-Forest Productive Descriptor)
6. Biogeoclimatic unit - variant, subzone between forests and grasslands, shrubs less than 2m.
7. Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number

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

Line 2 - Polygon No. / Multilayer

VRIMS Polygon Number - ranging 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 (Lin)

Species Composition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Trees & Shrubs of Forests Tree Code List" version 4.5 (latest January 2005)

NATIVE CONIFERS

CW	CEDAR
Cw	Western Red Cedar
Yc	YELLOW
Yc	Yellow Cedar
F	BFGALSAM
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Ba	Balsam
Ba	Amabalis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Hw	HEMLOCK
Hw	Western Hemlock
Hw	Western Hemlock
Hm	Mountain Hemlock hybrid
P	JUNIPER
J	Rocky Mtn. Juniper
Pf	Common Juniper
L	LARCH
La	Alpine Larch
Lw	Tamarack
Lw	Western Larch
P	PINE
Pa	Lodge Pole
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole Pine (Provincial)
Plc	Lodgepole Pine (coastal)
Pla	Shore Pine (coast)
Pw	Western White Pine
Pw	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sb	Englemann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxl	Spruce hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxw	Sitka x Interior hybrid
Y	YEW
Yp	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Ds	Sitka Alder
Up	Pacific Dwf Alder
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ae	Aspen Hybrid
Act	Black Cottonwood
Ac	Balsam Poplar
Ax	Hybrid Poplar
Ep	Paper Birch
Ep	White Birch
Eb	Alaska Paper Birch
Epl	Alaska x Paper Birch hybrid
Ew	Water Birch (shrub)
Ew	Water Birch
K	DOGWOOD
Kc	Pacific Dogwood
V	ENCREV
Vb	Bitter Cherry
Vc	Choke Cherry
Vv	Pin Cherry
D	DOGWOOD
Dn	Red Osier Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
W	Garry Oak
R	RIPARIAN
Rw	Bebb's Willow
Rh	Hooker's Willow
Rw	Peachleaf Willow (Barclay's)
Rp	Pacific Willow (Sitka Alaska)
Rs	Scouler's Willow
Rl	Sitka Willow (low bowsh)

UNKNOWN - OTHER

X	UNKNOWN
Xh	Unknown hardwood
Xc	Unknown softwood
Z	OTHER (tree not list)
Zz	Other tree
Zn	Other hardwood

EXOTICS

AP	APPLE
AW	ASPEN, COTTONWOOD or POPLAR
Ab	* Northern Cottonwood
BW	BIRCH
Bp	* European Birch
Bl	* Asian Birch (exotic)
Eu	* Yellow Birch
C	CHERRY
Cs	* Sweet Cherry
CW	CEDAR
Ch	* Port Orford Cedar
E	ELM
Eu	* European Elm
Ep	* Scots Elm
Ew	* Siberian Elm
H	HAWTHORN
Ha	* Hybrid Ha
L	LARCH
Lk	* Japanese Larch
Ll	* Siberian Larch
MA	MAPLE
Mn	* Norway Maple
Mp	* Sycamore Maple
O	OAK
Oe	* English Oak
Or	* White Oak
P	POPLAR
Pn	* Ukraine Cotton
Pb	* Balm Gilead
Pg	* Grey Poplar
Pt	* European Aspen
Pyn	* Northern Black Cottonwood (exotic)
PY	Common Pear
W	WILLOW
Ow	* White Alder
Ol	* Siberian Weeping Willow
Ow	* Japanese Weeping Willow
PINE	
Pm	* Monterey Pine
Pn	* Red Pine
Ps	* Sugar Pine
Pw	* White Pine
Ps	* 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 - 29.4
4	29.5 - 37.4
5	37.5 - 45.4
6	45.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
7	6 - 15
1	16 - 25
2	26 - 35
3	36 - 45
4	46 - 55
5	56 - 65
6	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. Site index is the average height of dominant leading species. Wherever accurate SI cannot be 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 are not present, e.g. Immature stands, or stands with no trees. SI is estimated in all cases where there is a standard Site Index curve for the species present. If a standard Site Index curve is not available, the Inventory 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 - 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 MOSS
- M - MOSS - moss with no distinction between mosses and lichens by cover.
- Mh - MOSS - HYPNOID - moss with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- Ml - MOSS - LICHENS - moss with lichens > 50% of the bryoid cover.

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

W	WATER	R	LAKE	mu	MUD/FLAT SEDIMENT
I	ICE/SNOW	R	LAKE	mb	MUDBELT MINE SPOILS
B	BUCKFIELD	S	LAKE/ED	mc	OCEAN
G	GRASSLAND	S	LAKE/SED	mr	RIVER
N	NORMES/ANEA	s	POND or LAKE SEDIMENTS	mr	SNOW COVER
G	CUTBANK	Ac	OPEN PIT MINE	s	RESERVOIR
Gc	CUTBANK/CRA	Ac	OPEN PIT MINE	s	SETTLING BASIN
C	GLACIER				

Note: Water categories (W, Ww, Wr, Ws) followed over 50 percent coverage.

mm	RESERVOIR MARGIN
mr	RAILWAY SURFACE
s	RIVER SEDIMENTS
mr	ROCK/RUBBLE
s	TAILINGS
mr	TALUS

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

A	ALPINE	NP	NON-PRODUCTIVE
AT	ALPINE FOREST Glaciers	NPBR	NON-PRODUCTIVE BRUSH
BE	BEACH	NPBS	NON-PRODUCTIVE SHRUB
CL	CLEARING	NPFO	NON-PRODUCTIVE FOREST Glaciers
GR	GRASS/HERB	RO	ROAD/RAILWAY
GR	GRAVEL PIT	OR	OPEN RANGE
M	MARSH	P	PASTURE
S	MEADOW	W/CA	W/CA
MUD	MUD FLAT	S	SWAMP

SAND	SAND
DISPLAY	DISPLAY
UNP	UNPRODUCTIVE
NC	NON-COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NF	NON-FOREST
NSR	NOT SUFFICIENTLY RESTOCKED
NVA	NO TYPE 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	Mink Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation
T	Treatment Injuries
U	Damage Unknown
V	Problem Vegetation

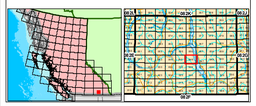
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either ART or ArcMap. The MapView example is of the Herd 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" tab then select the "Display Silviculture Maps" to turn on display values for -

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
STANDARDS UNIT LINE 1
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels