Vegetation Map
093G066

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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 display information for specific uses. Some of the information may not be complete and up to date (Cadastral, 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 (2015)
- Research Installations

TRIM_Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields/ex
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rivers/Banks/Inlets - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- District boundary
- Resource District boundary - FADM
- Mgt. 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 (> 1,000,000 ha - 75 % hatch)
- Municipal boundary (> 1,000,000 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:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and Multi-layer stand indicator (L)
3 Species Composition
as the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated by hyphens (-) and estimated SI
ie. stand is age class 3 (21-40 yrs), height class 1 (0-10.4m), crown closure class 1 (6-19%), SI 20m
5 Site Index Curve Number and Site Index Estimate
ex: a forth polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number :
OPNG : opening number valid for BCGS mapsheet — *OPNF* : 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 (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 "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS
- Ac ALDER
- Ax ALDER, Red Hybrid
- Y CYPRESS
- Ea DOUGLAS FIR
- F DOUGLAS FIR
- Fd Douglas Fir
- Fdc Coastal Douglas Fir
- Fdi Interior Douglas Fir
- B FIR (Balsam)
- Bg Grand Fir
- Bl Subalpine Fir
- Bp Grand Fir x Subalpine Fir
- H HEMLOCK
- Hm Mountain Hemlock
- Hw Western Hemlock
- Hxm Mountain x Western Hemlock hybrid
- J JUNIPER
- J Rocky Mtn. Juniper
- Js Sasatoo Juniper
- La Alpine Larch
- Lp Alpine Larch
- Lw Western Larch
- P PINE
- Pj Jack Pine
- Pl Lodgepole Pine
- Plc Lodgepole Pine (interior)
- Plg Lodgepole x Jack Pine hybrid
- Pli Lodgepole Pine (coastal)
- Pa Shore Pine (coastal)
- Pw Western White Pine
- Py Ponderosa Pine
- Pyi Pine Species
- Sb Engelmann Spruce
- Se Engelmann Spruce
- Sw White Spruce
- Sx Spruce hybrid
- Sxb Spruce hybrid White
- Sxl Sitka x White
- Sxs Sitka x unknown hybrid
- Ss Sitka Spruce
- Yc Western Yew

NATIVE HARDWOODS
- D ALDER
- E ALDER, Red
- U APPLE
- At ASPEN, Trembling
- Ac ASPEN, COTTONWOOD or POPLAR
- Act Poplar
- Ae Trembling Poplar
- Ab Black Cottonwood
- Ax hybrid Poplars
- Ep PAPER BIRCH
- Ew BIRCH
- Ea Alnobetula
- Ep Paper Birch
- Eb Alaska Paper Birch hybrid
- Ew Paper Birch (white)
- Ea Alnobetula
- K CASCARA
- Kc Cascara
- Kv Cascara
- V Wild Cherry
- Vc Choke Cherry
- Vu Pin Cherry
- Vv CHOKECHERRY
- M MAPLE (Vine/Creek/Western flowering)
- M MAPLE
- Mb Broadleaf Maple (broadleaf)
- Mv Vine Maple
- Q OAK
- Qg Garry Oak
- W WILLOW
- Wb Bebb's Willow
- Wp Pacific Willow
- Wr Peachleaf Willow (Bonnby's)
- Ww Pacific Willow (grey-leaved)
- Wy Sitka Willow
- Wx Willow (tree leaved)

UNKNOWN - OTHER
- X unknown
- Xh unknown hardwood
- Z OTHER (tree not on list)
- Zc Cottonwood
- Zh other hardwood

EXOTICS
- AP APPLE
- Ua Siberian Elm
- At ASPEN, COTTONWOOD or POPLAR
- Ab Balsam Cottonwood
- Be Birch
- Bp European Birch
- Bpg Gray Birch (Betula)
- Bc Yellow Birch
- CH CHERRY
- Vm Mazzard Cherry
- CYPRESS
- Lg Rhut Gilliard Cedar
- Ly Monterey Cypress
- Bp Redwood
- Pr Purple Beech
- Bm Shasta Red Fir
- Fg Grand Fir
- LARCH
- Lk Dahurian Larch
- Lj Japanese Larch
- MAPLE
- Mb Box Elder
- Mn Norway Maple
- Mp Sycamore Maple
- OAK
- Oe English Oak
- Or Red Oak
- OTHER EXOTICS
- Ow Incense Cedar
- Ob Western Redcedar
- Cw Coast Redwood
- Ca European Mountain Ash
- Ch Common Horse Chestnut
- Cp Common Pear
- Cg Osage Orange
- Ot Tree of Heaven
- Ck Golden Rain Tree
- Ca Tamarack
- Oa Japanese Walnut
- Wa Ash
- Pn Noroway Pine
- Pc Red Pine
- Pm Scots Pine
- PSEUDO
- Sp 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 +

6c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years breast height age. Site Index Curve Number is the species leading species. When an accurate SI cannot be determined from aging and height, estimated SI is shown after or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees exmist present, e.g. adjacent stands. Site Index Curve Number is the species leading species if associated trees in the area base are inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I record=):

NON-TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sh SHRUB LOW - shrub with average shrub height < than metres.

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

NON-TREED BRYOID
- bm BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bs BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I record=):
- ae AIRPORT
- ag GRAVEL PIT
- mu MUDFLAT SEGMENT
- rm RESERVOIR MARGIN
- au AGRICULTURE
- gp GRAVEL PIT
- mv MUDFLAT SEGMENT
- rm RESERVOIR MARGIN
- bc BEACH
- ic ICEFIELD
- ou OTHER UNUSED
- rs RIVER SEGMENTS
- bu BUILDING
- la LAKE
- ov OVERBURDEN
- rv RIVER SEGMENTS
- bu BURNED AREA
- le LAKE SEGMENTS
- po POND or LAKE SEGMENTS
- sn SNOW COVER
- tw TALUS
- cb CLIFF/BANK
- mi MINE
- rd ROAD
- sp SPOIL
- ur URBAN
- ep EXPOSED SOILS
- wc WORKINGS
- rl RIVER - STREAM
- sl SLUMP
- gl GLACIER

Note: Water categories (la, ls, ri) not labelled over 90 percent coverage.

NON FOREST / NON PRODUCTIVE DESCRIPTOR CODES (for F record=):
- A ALPINE
- AF ALPINE FOREST (Species CUSTOMIZED)
- CL CLAY BANK
- CP CANYON
- DE DELTA
- M MEADOW
- MU MUSKEG
- NP NON PRODUCTIVE
- NPB NON PRODUCTIVE BRUSH
- NPBS NON PRODUCTIVE BURN
- NPF NON PRODUCTIVE FOREST (Species CUSTOMIZED)
- OR OPEN RANGE
- R ROCK
- S SWAMP
- SAND SAND
- SF SILT FLAT
- U URBAN
- NC NON COMMERCIAL
- NCB NON COMMERCIAL BRUSH
- NF NON FOREST
- NSR NOT SUFFICIENTLY RESTOCKED
- NVR NOT VEGETATION/BARE

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
- B Biotic
- C Cone and Seed Insects
- D Diseases
- I Insects
- L Logging
- M Mine Damage
- N Non-Biotic Injuries
- P Cone and Seeding Fungal Pathogens
- S Site Rehabilitation
- T Treatment Injuries
- W Weather Injuries
- V Problem Vegetation

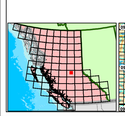
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF in ArcMap. The MapView example is of the newest RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Within MAPVIEW, the "Add Map Features" "Display Silviculture Risk" is turn on display values for:

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





093H	1E	2E	3E	4E	5E	6E	7E	8E	9E	10E	11E	12E	13E	14E	15E	16E	093I	1E	2E	3E	4E	5E	6E
093A	1W	2W	3W	4W	5W	6W	7W	8W	9W	10W	11W	12W	13W	14W	15W	16W	093P	1W	2W	3W	4W	5W	6W
093B	1E	2E	3E	4E	5E	6E	7E	8E	9E	10E	11E	12E	13E	14E	15E	16E	093O	1E	2E	3E	4E	5E	6E
093G	1W	2W	3W	4W	5W	6W	7W	8W	9W	10W	11W	12W	13W	14W	15W	16W	093J	1W	2W	3W	4W	5W	6W
093C	1E	2E	3E	4E	5E	6E	7E	8E	9E	10E	11E	12E	13E	14E	15E	16E	093N	1E	2E	3E	4E	5E	6E
093F	1W	2W	3W	4W	5W	6W	7W	8W	9W	10W	11W	12W	13W	14W	15W	16W	093K	1W	2W	3W	4W	5W	6W
093D	1E	2E	3E	4E	5E	6E	7E	8E	9E	10E	11E	12E	13E	14E	15E	16E	093M	1E	2E	3E	4E	5E	6E
093E	1W	2W	3W	4W	5W	6W	7W	8W	9W	10W	11W	12W	13W	14W	15W	16W	093L	1W	2W	3W	4W	5W	6W

Overflow Labels