Vegetation Map
093L097

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMIS / Ownership
Base Map Source: TRIM / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to facilitate the display of vegetation resource features. Some of the features on this map may be approximately located, portrayed 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 (CFS)
- Research Installations

TRIM, Base Features :
- 4a Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4Tertes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rushes/Marshes - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NV 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 (< 1:200,000 fea - 15 % hatch)
- Municipal boundary (< 1:200,000 fea) - 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 Species Composition - example multi-layer stand indicator (L)
3 Species Composition
ex. the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated by a dash, Site Index - 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 Non-Vegetated, Non-Forested Descriptor Codes
ex: a fen polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

Fd 20 1 Fdi 21 - 1 - 20
Hw 40 2 Hwi 41 - 2 - 20
Fdi 60 3 Hwi 61 - 3 - 20
Hwi 80 4 Cw 81 - 4 - 20
Cw 100 5 Yc 101 - 5 - 20
Yc 120 6 Hm 121 - 6 - 20
Hm 140+ 7 Ep 141+ - 7 - 20

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

Line 2 - Polygon No. / Multi-layer

VRMIS 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 4.6 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
- P FIR (Balsam)
- Ba Amabilis Fir
- Bl Subalpine Fir
- B Subalpine Fir (alpine)
- H HEMLOCK
- Hw Western Hemlock
- Hm Western Hemlock
- Hxm Mountain x Western Hemlock hybrid
- J JUNIPER
- Jr Rocky Mtn. Juniper
- Js Sawlog Juniper
- L LARCH
- Lw Alpine Larch
- Lt Tamarack
- Lyl Subalpine Larch
- P PINE
- Pl Lodgepole Pine
- Pli Lodgepole Pine (interior)
- Plc Lodgepole x Jack Pine hybrid
- Py Ponderosa Pine (yellow)
- Pw Western White Pine
- Pa Whitebark Pine
- Pf Limber Pine
- S SPRUCE
- Se Engelmann Spruce
- Sb Black Spruce
- Sw White Spruce
- Sx Interior Spruce
- Sxw Engelmann x White
- Sxl Utility x White
- Sxx Utility x unknown hybrid
- YEW
- Tw Western Yew

NATIVE HARDWOODS
- D ALDER
- Dr Red Alder
- E APPLE
- Ep Pacific Crab Apple
- At ASPEN, COTTONWOOD or POPLAR
- Ac Poplar
- Act Pacific Poplar
- Atb Balsam Poplar
- Atm Black Cottonwood
- Ai Hybrid Poplars
- At Trembling Aspen
- Ax Aspen x Poplar
- A Alnus
- B BIRCH
- Ba Alaska Paper Birch
- Bap Alaska x Paper Birch hybrid
- Bp Paper Birch (white)
- Br Red Birch
- C CASCARA
- Cc Cascara
- Cs Sitka Cascara
- Cb Bitter Cherry
- Cy Choke Cherry
- D DOGWOOD
- G DOGWOOD
- Dp Pacific Dogwood (western flowering)
- E ELM
- Em Rigbad Maple (broadleaf)
- Mv Vine Maple
- M MAPLE
- Mb Box Elder
- Mg Garry Oak
- Mo Broadleaf Maple
- W WILLOW
- Wa Pacific Willow
- Wac Sitka Willow (Barclay's)
- Wf Fussy Willow (gray-barred)
- Ws Scouler's Willow
- Wsp Willow (Scouler's-barred)

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

EXOTICS
- Ue APPLE
- MAPLE
- ASPEN, COTTONWOOD or POPLAR
- At Southern Cottonwood
- Ae European Birch
- Ay Silver Birch (swamp)
- Ab White Birch
- CHERRY
- Ys Sweet Cherry
- Yu Pin Cherry
- Yo *Port Orford Cedar
- FIR (Balsam)
- Bg *Grand Fir
- Bn Noble Fir
- Bm *Shasta Red Fir
- Bb *Subalpine Fir
- LARCH
- Lk *Dahurian Larch
- Le *European Larch
- MAPLE
- Mb Box Elder
- Mn *Norway Maple
- Mp *Sycamore Maple
- OAK
- Qg *English Oak
- Qw *White Oak
- OTHER EXOTICS
- Ob *Black Locust
- Oc *Coast Redwood
- Oc *Coast Redwood
- Ol *Golden Chain
- Oh *Horse Chestnut
- Ok *Katsura
- Ol *Laburnum
- Ol *Monkey Puzzle
- Ow *Mountain Ash
- Ow *Oregon Ash
- Ow *Rowan
- Ow *Russian Olive
- Ow *Tree-of-Heaven
- Ow *Western Catalpa
- Ow *White Ash
- Ow *White Birch
- Ow *Willow
- Ow *Yellow Buckeye
- Ow *Yellow Poplar
- Ow *Yellow Wood
- Ow *Yew
- Ow *Zelkova
- Ow *Other Exotic Deciduous
- Ow *Other Exotic Evergreen
- Ow *Other Exotic Hardwood
- Ow *Other Exotic Softwood
- Ow *Other Exotic Tree

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 - 26.4
4	26.5 - 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 breast height Age. SI is based on the age and height of the tallest dominant or co-dominant tree. Where the relationship between age and height, estimated SI is shown (#b) or replaces the SI.

4e ESTIMATED SITE INDEX

SI is estimated when available SI trees a period present, e.g. 20e. Estimated SI is followed by a slash which shows precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREE SHRUB
- sa SHRUB TALL - shrub with average shrub height > a + to two metres.
- si 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 BRYOID
- bm BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornwarts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)
- aa AIRPORT
- bl BOULDER
- br BEDROCK
- cl CLAY BANKS
- cu CUTBANK
- ea EXPOSED SOILS
- ga GLACIER
- gp GRAVEL PIT
- lk LAKE
- ru MUDFLAT SEDIMENT
- mi MINE - MINE SPOILS
- oc OCEAN
- ot OTHER
- ow OTHER COVER
- re RESERVOIR
- ri RIVER / STREAM
- rm RESERVOIR MARGIN
- rs RIVER SEDIMENTS
- rd ROAD SURFACE
- sl SLIDE
- ta TAILINGS
- ur URBAN

Water: Water categories (ie. oc, re, rs) not labelled cover 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)
- AF ALPINE FOREST
- AT ALPINE FOREST-Tolerates
- C CULTIVATED
- CL CLEARING
- GR GRAVEL BAR
- GP GRAVEL PIT
- M MEADOW
- MUS MUSKEG
- NPBR NON PRODUCTIVE BRUSH
- NPBU NON PRODUCTIVE BURN
- NPT NON PRODUCTIVE FOREST-Species
- NTA NO TYPING AVAILABLE
- OR OPEN RANGE
- R ROAD
- ROCK ROCK
- SWAMP SWAMP
- SAND SAND
- TIDE TIDAL FLAT
- U URBAN
- NC NON-COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NS NOT SUFFICIENTLY RESTOCKED
- NTA NO TYPING AVAILABLE

Line 6 - Disturbance History

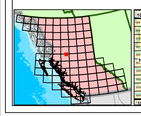
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

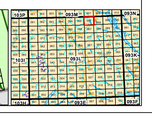
- A Animal Damage
- B Wildfire
- C Cone and Seed Insects
- D Disease
- I Insects
- L Logging
- M Mite Damage
- N Non-Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMP or ArcMap. The MapView example is of themed RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "CULTURE" tab then click on "Display Silviculture Map" to turn on display values for -
- OPENING
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- WILDLIFE HABITAT FOREST COVER
- WILDLIFE TREE PATCH





CASSIAR DISTRICT

093M007 093M008 093M006

66-59 66-58 66-49 66-48 66-45

87 87

093L096 093L097 093L087 093L088 093L086

Nadina Natural Resource District

RANGE 5 COAST DISTRICT

Skeena Stikine Natural Resource District

BABINE MOUNTAINS PARK

BABINE MOUNTAINS PARK PROTECTED AREA

EP091703 03.11
EP091703 03.10
EP091703 03.23
EP091703 03.21
EP091703 03.39

T2G 1993 T2G 1993 T2G 1993 T2G 1993

Overflow Labels