Vegetation Map
093G038

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 / Tantalis

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 a substitute for the official administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014).

Lands Projected To: January 1, 2015

MAP SYMBOLOGY

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

TRIM, Base Features:
- Ice And Rivers
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airstrips
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroline/Banks - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- BC/YUKO Region boundary
- Resource District boundary - FADM
- BEC 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 (< 1:250,000 Hz - 15 % hatch)
- Municipal Boundary (< 1:250,000 Hz - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- NTS/BCGS Map Sheet (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE: EDG,SOP,EVEN
1: Structure number and Opening Number
2: Polygon Number and multi-layer stand indicator (L)
3: Species Composition
4: Age, Height, Crown Closure and Site Index of the dominant layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
A Age, Height, Crown Closure Class Code - separator - Site Index estimated SI
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%). SI 20m
B Disturbance History & Silviculture Treatment Code - separator - ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
5: Disturbance History & year - ex. Logged in 1978

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 (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
- C CEDAR
- CW WESTERN RED CEDAR
- YC YELLOW CEDAR
- F FIR
- FD DOUGLAS FIR
- FG GRAND FIR
- FA AMABILIS FIR
- FB INTERIOR DOUGLAS FIR
- H HEMLOCK
- HW WESTERN HEMLOCK
- HM MOUNTAIN HEMLOCK
- PA WHITEBARK PINE
- PL LODGEPOLE PINE
- PLC COASTAL LODGEPOLE PINE
- PLI INTERIOR LODGEPOLE PINE
- PW WESTERN WHITE PINE
- PY PONDEROSA PINE
- S SPRUCE
- SE ENGELMANN SPRUCE
- SS SITKA SPRUCE
- SW WHITE SPRUCE
- SXW HYBRID WHITE SPRUCE
- SXE HYBRID ENGELMANN SPRUCE
- SXS SITKA SPRUCE HYBRID
- SXL SPRUCE HYBRID
- SB BLACK SPRUCE
- SXB HYBRID BLACK SPRUCE
- SXL SPRUCE HYBRID
- LW WESTERN LARCH
- LT TAMARACK
- PJ JACK PINE
- PJC LODGEPOLE PINE
- PJI INTERIOR LODGEPOLE PINE
- PJL LODGEPOLE PINE HYBRID
- PJS PONDEROSA PINE (yellow)
- PJW WESTERN WHITE PINE
- PJP WHITEBARK PINE
- B BALSAM
- BA SUBALPINE FIR
- BG GRAND FIR
- BL SUBALPINE FIR
- BB BALSAM
- BP PACIFIC SILVER FIR
- BI INTERIOR BALSAM
- BC COASTAL BALSAM
- YP PACIFIC YEW
- Y YEW

NATIVE HARDWOODS
- D ALDERS
- DR RED ALDER
- DA ALDER
- DV VINE MAPLE
- E TREMBLING AND BALSAM POPLAR
- EA ASPEN
- EP PACIFIC BLACK COTTONWOOD or POPLAR
- EB BALSAM
- EW WESTERN BALSAM POPLAR
- EC BLACK COTTONWOOD
- ED DENSE
- ET TREMBLING ASPEN
- EX HYBRID
- M ARBUTUS
- MA ARBUTUS
- R ASH
- RC PACIFIC ASH
- RA ASH
- RP PUMPKIN ASH
- RU OREGON ASH
- RG GOODDING'S ASH
- RT TORREY'S ASH
- RF FLOWERING ASH
- RH HYBRID ASH
- RX ASH
- MB BIGLEAF MAPLE
- MV VINE MAPLE
- MX MAPLE
- MM MANITOBA MAPLE
- MN NEGUNDO (boxelder)
- MW MAPLE
- MS SITKA MAPLE (broadleaf)
- MO MAPLE
- V OTHER HARDWOODS
- VB BLACK CHERRY
- VC CHOKE CHERRY
- VP PIN CHERRY
- VT BITTERCUP
- VU CURLLEAF MOUNTAIN-MAHOGANY (western flowering)
- VW WILLOW
- VH HARDWOOD (broadleaf)
- VA ALDER
- VM MAPLE
- VV VINE MAPLE
- W Garry Oak
- WA ARBUTUS
- WI Alaska Yellow
- WP Pacific Willow
- WR Peach-leaf Willow (Bonsho's)
- WS Peach-leaf Willow (Sitka Harvest)
- WT Scouler's Willow
- WY Sitka Willow (sea-beach)

EXOTICS
- AP APPLE
- AC CRABAPPLE
- AX HYBRID CULTOTONOOD or POPLAR
- AE Eucalyptus
- AG Green Ash
- AW White Ash
- AY Hybrid Ash
- AR Red Alder
- AB Black Cottonwood
- AT Trembling Aspen
- AH Hybrid Poplar
- AA Aspen
- AS Aspen
- AM Alaska Paper Birch
- AK Alaska x Paper Birch hybrid
- AP Paper Birch
- AW Water Birch
- AV Cascara
- AD Dogwood
- CH Other Cherry
- CB Choke Cherry
- CT Cherry
- CP Pin Cherry
- CM Mountain Maple
- EB Bitter Cherry
- EW Wayfaring Tree
- EM Mock Orange
- EO Oceanspray
- EU Red Elderberry
- EV Black Elderberry
- EE Blue Elderberry
- EA Saskatoon Berry
- EC Hawthorn
- EH Hybrid Hawthorn
- EP Pacific Crabapple
- EW Wild Crabapple
- EX Hybrid Crabapple
- EY Common Hawthorn
- EZ Black Hawthorn
- EG Cockspur Hawthorn
- EJ Japanese Quince
- EQ Flowering Quince
- EL Japanese Barberry
- EN Nootka Rose
- ER Red Elderberry
- ES Snowberry
- ET Thimbleberry
- EV Common Lilac
- EZ Other Exotic

UNKNOWN, OTHER
- X unknown
- XH unknown conifer
- XD unknown deciduous
- XT XTRA (tree not id)
- XX other conifer
- XY other hardwood

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	141-160
9	161+

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 - 10
2	11 - 20
3	21 - 30
4	31 - 40
5	41 - 50
6	51 - 60
7	61 - 70
8	71 - 80
9	81 - 90
A	91 - 100

4d SITE INDEX
50 SI are shown to the nearest metre referenced at 50 years breast height age. Site index curves are based on the Sutton's leading species. Where an update is carried out based on field information, the site index is shown in cutlles or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arenot present e.g. Recently logged areas. Site index curves are based on the Sutton's equation. Estimated site index is used in the base yield tables for Inventory Total Area and SI Estimated volume calculations.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES: (Sc 4 and / record+)
- HA HERB - ALPINE
- HL HERB - LOW
- HM HERB - MID
- HT HERB - TUNDRA
- HW HERB - GRAMINOIDS

shrub with average shrub height < 1 m to mat tree.
shrub with average shrub height > two metres.

herb with no distinction between forbs and graminoids
herb with forbs > 50% of the herb cover.
herb with graminoids > 50% of the herb cover.

NON TREED BRYOID
- BA BRYOID
- BM BRYOID - MOSS
- BL BRYOID - LICHENS

bryoid with no distinction between mosses and lichens by cover.
bryoid with mosses > 50% of the bryoid cover. > 50% of the bryoid cover.
bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES: (Sc 4 and / record+)
- AF ALPINE FELLFIELD
- AI ALPINE ICE
- BE BEACH
- BI BEDROCK
- CB CANADIAN BADLANDS
- CL CUTBANK
- EX EXPOSED SOILS
- LA LAKE

- MU MUSKEG SEGMENT
- OC OCEAN
- RE RESERVOIR
- RI RIVER
- SA SALT WATER
- SE SEDIMENTS
- SI SILVER MINE
- WA WASHING

- RM RESERVOIR MARGIN
- RW RAILWAY SURFACE
- RO ROAD SURFACE
- RS ROADS SURFACE
- TA TALUS
- UR URBAN

Note: Water categories are labelled over all forest cover types.

NON FOREST / NON PRODUCTIVE DESCRIPTOR CODES (for 7 records)
- A ALPINE
- C COMMERCIAL FOREST Species
- CL CULTIVATED
- CL CLAY BANK
- D DEBRIS SLIDE
- DE DENSE
- M MEADOW
- NAT NATURALLY

- NP NON PRODUCTIVE
- NPB NON PRODUCTIVE BRUSH
- NPBS NON PRODUCTIVE BURN
- NPF NON PRODUCTIVE FOREST Species
- O OPEN
- OMS OPEN MARSH
- R ROCK
- S SHRUB

- SAND SAND
- SHALE SHALE
- SNOW SNOW

- NC NON COMMERCIAL
- NCB NON COMMERCIAL BRUSH
- NFL NON FOREST LAND
- NSR NOT SUFFICIENTLY RESTOCKED
- NVL NON VEGETATED LAND

Line 6 - Disturbance History

Five characters code preceded by symbol, followed by earliest date
First character in 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
- W Wind Damage
- N Non Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Damage Unknown
- V Vegetation Problem

Example Opening History Details

Detailed Silviculture information is available on the BCOW catalog site. Refer to the Help/View example to obtain Revised RESULTS data.

The Ministry of Forests, Mines and Lands web application "Map Place" provides access to Silviculture information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - SURVEY UNIT
REFORESTED LAND
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

093P																							
093I	093J																						
093H	093A	093B																					
093G	093C	093D																					
093F	093E																						
093K	093L																						
093N	093M																						
093O																							

Overflow Labels