Vegetation Map
082L053

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: NRLMRD - VRIMAS / 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 contained on this map is not to be used to determine boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2015

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Non-plan Opening or Vegetation
- Harvested Sample Plot (NTS)
- Research Installations

TRIM, Base Feature:
- Ice And Rivers
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other Roads
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines - 01M
- Watercourses - 01M
- Waterbody - 01M
- Wetlands - 01M
- Coast - 01M

Administrative Boundaries:
- Int. Province Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BC Region Compartment - FADM
- Provincial Forest area - FADM
- Tree Farm Licence Supply Area Block - FADM
- Tree Farm Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal Boundary (1:125,000 for ~ 15 % match)
- Municipal Boundary (1:125,000 for ~ no match)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreational Areas

Grid
- NAD83 Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE 1 OR NONE
1 Opening Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age Class and Crown Closure (layer 1 is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age: Height, Crown Closure Class Code - example: 5 for 140+, estimated 81
ex. stand is age class 3 (21-40 yrs), height class 1 (0.1-10 m), crown closure class 1 (0-10%), S=20m
5 Site Index: Species and Site Index Curve Number
ex. a herb polygon with no distinction between herbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet. *NOP* 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 (Lg separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Code List

Species Composition Symbols are labeled in their order of predominance. Major first three in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.6 dated January 2005.

NATIVE CONIFERS
- AC CEDAR
- AT ALASKA Yellow Cedar
- AX INTERIOR
- B BALSAM
- BG DOUGLAS FIR
- BL SUBALPINE FIR
- BM Coastal Douglas Fir
- BP Interior Douglas Fir
- C WESTERN RED CEDAR
- CW WESTERN WHITE PINE
- D ENGLISH
- E Subalpine Fir (alpine)
- EP PONDEROSA PINE
- F Amabilis Fir
- H Western Hemlock
- HM Western Hemlock x Mountain Hemlock hybrid
- HW Hemlock
- J Juniper
- K Subalpine Larch
- L Lodgepole Pine
- LA Alpine Larch
- LW Western Larch
- P Pine
- PA Jack Pine
- PJ Limber Pine
- PL Lodgepole Pine
- PLC Lodgepole Pine (coastal)
- PLI Lodgepole Pine (interior)
- PW Ponderosa Pine (yellow)
- PY Western White Pine
- PZ Whitebark Pine
- R Red Pine
- S Sitka Spruce
- SB Black Spruce
- SE Engelmann Spruce
- SS Spruce Hybrid
- SW White Spruce
- T Mountain Hemlock
- V Yellow Cypress

NATIVE HARDWOODS
- A ALDER
- ACT BLACK COTTONWOOD
- AT ASPEN
- ATA BALSAM TYPE TOWNSEND or POPLAR
- ATC ASPEN TOWNSEND or POPLAR
- AX ASPEN
- B Bigleaf Maple
- BB Birch Undifferentiated
- BG Garry Oak
- BP Paper Birch
- C Cascara
- CO Oregon Oak
- D Black Cherry
- DM Pacific Dogwood
- E Elm (Exotic)
- EA Red Alcder
- EP Exotic Ornamental (western flowering)
- EW Exotic Ornamental (broadleaf)
- G Giant Chinkapin
- H Hawthorn
- HG Garry Oak
- K Black Locust
- M Mountain Maple
- MB Bigleaf Maple
- MV Vine Maple
- O Other Broadleaf
- OC Cottonwood
- OD Red Alder
- OE Exotic Broadleaf
- OF Flowering Dogwood
- OG Garry Oak
- OH Hawthorn
- OM Pacific Maple
- OP Cottonwood (Balsam)
- OT Trembling Aspen (poor form)
- OV Vine Maple (low bush)
- OW White Ash (low bush)

UNKNOWN OTHER
- U unknown
- UB unknown conifer
- UH unknown broadleaf
- UT UNKNOWN (low bush)
- UY other conifers
- UZ other broadleaf

EXOTICS
- APPLE
- AP Apple
- APC APPLE CUTTONWOOD or POPLAR
- AY Apple Ornamental
- BI Bitter Birch
- BN Birch
- CA Caragana
- CB Cherry Bird
- CC Cherry
- CH Choke Cherry
- CP Crabapple
- CT Hybrid Poplar
- EC Exotic Pine
- EL Exotic Larch
- EO Exotic Conifer
- EP Exotic Poplar
- ES Exotic Spruce
- EW Exotic Willow
- EY Exotic Yew
- GA Grand Fir
- GC Grand Fir (coastal)
- GI Grand Fir (interior)
- GP Grey Poplar
- HA Hybrid Alder
- HC Hybrid Cottonwood
- HP Hybrid Poplar
- HT Hybrid Aspen
- HY Hybrid Willow
- LA Larch
- LC Lawson Cypress
- LT Tamarack Larch
- LY Exotic Larch
- MA Maple
- MC Manitoba Maple
- MO Norway Maple
- MP Purple Leaf Plum
- OA Hybrid Oak
- OR Red Oak
- OS Scarlet Oak
- OW White Oak
- PA Poplar
- PC Pin Cherry
- PD Douglas Fir
- PE Exotic Pine
- PF Douglas Fir (interior)
- PG Douglas Fir (coastal)
- PH Hybrid Poplar
- PI Interior Douglas Fir
- PJ Japanese Red Pine
- PM Mountain Pine
- PN Ponderosa Pine
- PO Poplar
- PR Purple Plum
- PW Willow
- PX Exotic Ornamental
- PY Japanese Stone Pine

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-120
5	121-140
6	141-250
7	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)
1	0 - 9
2	10 - 19
3	20 - 29
4	30 - 39
5	40 - 49
6	50 - 59
7	60 - 69
8	70 - 79
9	80 - 89
10	90 - 100

4d SITE INDEX
All SI are shown for the nearest metre referenced at 50 years.
Site Index Curve Number: Site Index Curve Number is the species bearing, species, Mature and suitable for tenure or silviculture. Where not available SI is derived from adjacent polygons.
Site Index Curve Number: 1 (Hw) or Hemlock (Hw) SI

4e. ESTIMATED SITE INDEX
SI is estimated when assessor's trees cannot present, e.g. Site Index Curve Number: 1 (Hw) or Hemlock (Hw) SI
Site Index Curve Number: 1 (Hw) or Hemlock (Hw) SI
Site Index Curve Number: 1 (Hw) or Hemlock (Hw) SI

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (for V and I on v-line)

W	SWAMP		shrub with average height < or = to one metre.
M	SHRUB LOW		shrub with average shrub height > two metres.
H	SHRUB HIGH		
G	GRASS		herb with no distinction between herbs and graminoids.
H	HERB - FORBS		herb with forbs > 50%, other herb seen.
R	HERB - GRAMINOIDS		herb with graminoids >50% herb cover.

NON-TREES SHRUB
- SH SHRUBS
- SHC SHRUB CLOSE
- SHO SHRUB OPEN

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

NON VEGETATED CATEGORIES: (for V and I layers)
- AB ABANDONED
- AF AGRICULTURE
- BE BEACH
- BI BEDROCK
- BU BUILDINGS
- CL CLEARING
- EXPOSED SOILS
- GP GRAVEL PIT
- LA LANDING
- LG LOG SORT
- MI MINE
- MU MUSKEG
- OT OTHER
- PA PASTURE
- PL PLANTATION
- RE RESERVOIR
- RI RIVER
- RO ROADWAY
- RS RIVERBED
- SA SAND
- SE SEEPAGE
- SL SLIDE
- SN SNOW/ICE
- TA TALUS
- UR URBAN
- WA WASTE

Note: Water categories are not to be labelled over water coverage.

NON-FOREST / NON-PRODUCTIVE CODES: (for F layers)
- ALPINE
- NPC NON-COMMERCIAL
- NPB NON-PRODUCTIVE BRUSH
- NPF NON-PRODUCTIVE FOREST (Species)
- NPL NON-PRODUCTIVE LOW SHRUB
- NPM NON-PRODUCTIVE MEADOW
- NPT NON-PRODUCTIVE TREES
- ROCK
- SAND
- SNOW
- WATER
- NR NON-RESTRICTED
- NRA NOT SURVEYED RESTRICTED
- NRR NOT SURVEYED RESTRICTED

Line 6 - Disturbance History

Disturbance history is recorded by symbol, followed by earliest date
Find character of data below for appropriate category, refer to Attach note2 list for sub-category descriptions

- A Animal Damage
- B Wildfire
- C Cone and Seed Insects
- D Disease
- E Insects
- L Logging
- M Mine Damage
- N Non-Biological Injuries
- S Silviculture
- W Wildfire
- X Site Rehabilitation
- Y Harvested Injuries
- U Damage Unknown
- V Vegetation Competition

Example Opening History Details

Detailed Silviculture information is available on the SCION orbiting either IMF or Autmap. The MapView example is of Harvest 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
REFORESTATION LINE
SILVICULTURE: FOREST COVER
WILDLIFE TREE PATCH

