Vegetation Map
092H090

Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS - 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 display information for the purpose of forest management. Other uses of the information contained on this printed portrayal 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 Inventory Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM, Base Features:
- 4x Dual Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeat/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Mnr. 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 km - TA % match)
- Municipal boundary, < 1:250,000 km - no match)
- 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 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand (Number:U,L)
3 Species Composition
4 Age, Height, Crown Closure (layer is described as For Douglas Fir) and Site (Western Hemlock).
5 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
6 Polygon Number and Opening Number (if applicable)
ex. a forth polygon with no distinction between forks and gammoids, shrubs less than 2m.
7 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:
Polygon numbers are unique within each cove are to nine digits
Multi-layered stand is a separate description of each layer is available in the data base, i.e. 1:2)

Line 3 - All 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
- CW CEDAR
- YC CYPRESS, Yellow Cedar
- HW HEMLOCK
- FD DOUGLAS FIR
- PW PINE, White
- PL PINE, Lodgepole
- PJ PINE, Jack
- PA PINE, Whitebark
- PF PINE, Limber
- PY PINE, Ponderosa
- PS PINE, Scots
- SX SPRUCE
- SE SPRUCE, Engelmann
- SW SPRUCE, White
- BL SUBALPINE FIR
- BG FIR, Grand
- BA FIR, Amabilis
- YP YEW, Pacific
- LW LARCH, Western
- JU JUNIPER
- JS JUNIPER, Rocky Mtn.
- JH JUNIPER, Juniper
- JR JUNIPER, Rocky
- JU JUNIPER
- LT TAMARACK
- LA LARCH, Alpine
- PC PINE, Contorta
- PM PINE, Monterey
- PP PINE, Ponderosa
- PR PINE, Red
- PW PINE, White
- PL PINE, Lodgepole
- PJ PINE, Jack (Banksian)
- PC Lodgepole x Jack Pine hybrid
- PR Ponderosa Pine (yellow)
- PW Western White Pine
- PA Whitebark Pine
- PF Limber Pine
- SPRUCE
- SX Hybrid Spruce
- SE Engelmann Spruce
- SW White Spruce
- SB Sitka Spruce
- SE Engelmann x Hisla
- SW White x Sitka
- SW Sitka x unknown hybrid
- SX Spruce
- YC Western Yew

NATIVE HARDWOODS
- D ALDER
- AT ALDER, Sitka
- AP APPLE
- AC Alder, Red
- AT Alder, Sitka
- AX Alder, Unknown
- AB Birch, Paper
- BB Birch, Black (Sweet)
- BC Birch, Western
- BP Birch, Water
- BA Birch, Yellow
- BB Birch, Black
- BP Birch, Paper
- BC Birch, Western
- BA Birch, Yellow
- BX Birch, Unknown
- CW CEDAR
- CO Cascara
- CW Cedar, Red
- CW Cedar, Western
- CI Elm, Chinese
- CI Elm, Chinese
- EW Elm, Siberian
- EW Elm, Siberian
- EX Elm, Unknown
- HW HEMLOCK
- HT Hemlock, Western (Tsuga)
- HX Hemlock, Unknown
- MB Maple, Bigleaf
- MV Maple, Vine
- MX Maple, Unknown
- OA Oak, Garry
- OG Oak, Garry
- OX Oak, Unknown
- PB Poplar, Balsam
- PH Poplar, Black (Balsam)
- PT Poplar, Trembling (Aspen)
- PX Poplar, Unknown
- PB Poplar, Balsam (Black)
- PT Poplar, Trembling
- UNKNOWN - OTHER
- XH UNKNOWN
- XC unknown conifer
- XD unknown hardwood
- XX unknown species
- ZZ other conifer
- ZH other hardwood

EXOTICS
- AP APPLE
- PC PINE, COTTONWOOD or POPLAR
- PC Poplar, Cottonwood
- EC Cherry, Black
- EC Cherry, European (Mazzard)
- EU Elm, Siberian
- EW Elm, Siberian
- LC Larch, Japanese
- LE Larch, European
- LJ Larch, Japanese
- LX Larch, Unknown
- MI Mountain Ash
- MA Mountain Ash
- OR Oak, Red
- OR Oak, Red
- OW Oak, White
- PC Poplar, Cottonwood
- PT Poplar, Trembling
- PY Poplar, Yellow
- PX Poplar, Unknown
- WI Willow
- WX Willow, Unknown

Line 4

4a. AGE CLASS

CODE	AGE (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-140
7	121-160
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	HEIGHT (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	CLOSURE (percentage)
1	0 - 5
2	6 - 15
3	16 - 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
Site index is the expected mean height of dominant trees at a specified age. Height and age are usually measured at breast height (1.3 metres above ground). Site index is a measure of site productivity. Typically, the taller the trees at a given age, the more productive the site.

4e. ESTIMATED SITE INDEX
Site estimates when available, are listed in parenthesis, e.g. (20). Estimates are usually based on a known site index where elevation is associated here in the data base are inventory type Biogeoclimatic Ecosystem Classification.

Line 5 - Vegetation records

VEGETATION NON-TREE CATEGORIES (5c1 'a' and / coupled)

NON-TREED SHRUB
- SL SHRUB - LOW — shrub with average shrub height < or = to two metres.
- SH SHRUB - TALL — shrub with average shrub height > two metres.

NON-TREED HERB
- HG HERB - GRAMINOIDS — herb with no distinction between forbs and graminoids.
- HF HERB - FORBS — herb with forbs > 50% of the herb cover.
- HL HERB - GRAMINOIDS — herb with graminoids > 50% of the herb cover.

NON-TREED MOSS
- MB MOSS — bryoid with no distinction between mosses and lichens by cover.
- MF MOSS - MOSS — bryoid with mosses, hylocomia, and hylocomia > 50% of the bryoid cover.
- ML MOSS - LICHEN — bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (5c1 'b' and / coupled)
- BE BEACH
- BL BOULDERFIELD
- BR BEDROCK
- CB CLIFF/BANK
- CR CUTBANK
- EL EXPOSED LAND
- GL GRAVEL BAR
- LA LAKE
- LF GLEYFIELD
- MU MUDFLAT
- MW MUD/TIDAL
- OC OPEN PIT MINE
- OE OTHER
- RE RESERVOIR
- RI RIVER
- RO ROCK
- SA SALTWATER
- SI SILT/SAND
- SN SNOW/ICE
- TA TALUS
- TZ TIDAL ZONE

Note: Water categories (L, la, w, ri) could be used as an overlay

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (5d 1st record)
- AF ALPINE FIR/TREE Species
- CU CULTIVATED
- DE DEFERRED
- GRASS BAR
- GL GLACIER
- GP GRAVEL PIT
- HE HERBACEOUS
- MEADOW
- MW MUD/TIDAL
- NPBG NON PRODUCTIVE BRUSH
- NPBR NON PRODUCTIVE BURN
- NPDS NON PRODUCTIVE DESCRIPTION
- NPL NOT FORAGE AVAILABLE
- NPLO NON PRODUCTIVE LOGGED
- OPEN
- ROCKFIELD
- SHRUB
- SNOW/ICE
- SAND DUNE
- TIDAL FLAT
- URBAN
- NCL NON COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NSR NOT SATISFACTORILY RESTOCKED
- NFA NOT FORAGE 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
- B Broken
- C Cone and Seed Insects
- D Deciduous
- E Insects
- L Logging
- M Wild Damage
- N Non-Forest Agencies
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Undetermined
- V Predator Vegetation

Example Opening History Details

Detailed Structure information is available on the BCGW
Forest Cover Inventory Map. The Map/View example is of Revised RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPSTER is available to view this type of detailed information. Select the SILVICULTURE tab then click on 'Cheplay Creek' to view the link to the form on Wesley reveals for:

OPENING
OPENING LABELS
ACTIVITY / TREATMENT UNIT
ACTIVITY / TREATMENTS UNIT
STANDARDS UNIT
WILDLIFE HABITAT COVER
WILDLIFE TREE PATCH

092H100
092H099
092H089
092H089
092H089